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DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
REMEDICATION DIVISION
LEAKING UNDERGROUND STORAGE TANK COORDINATION PROGRAM

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 - For Remediation Filings: **REM_RemID_DocumentType_DateofDocument**
Example: REM_1234_MonitoringReport_01-01-2001
 - For LUST Filings: **LUST_SiteAddress_Town_AbbreviationForDocumentType_DateofDocument**
Example: LUST_1MainStreet_Hartford_ESA_01-01-2001
- Note:** For "AbbreviationForDocumentType" use appropriate abbreviation at [Transmittal of Documents](#)

Part I: Primary Recipient*: Remediation Program (* required)

For Remediation documents: Primary Program*: Voluntary Remediation Rem ID*: 13334	For LUST documents: UST Facility ID: (if applicable) Spill Case Number: (if known)
---	--

Part II: Site Information

Site Name*: Greenwich High School		
Site Address*: 10 Hillside Road		
City/Town*: Greenwich	State: CT	Zip Code: 06830
Secondary Programs (complete as many as applicable for this document):		
Program: Voluntary Remediation	Project ID:	
Program: PCB	Project ID:	
Program: Select Secondary Program	Project ID:	
Program: Select Secondary Program	Project ID:	
Provide Project ID for each secondary program if it is known. Each program has a unique ID (i.e. Rem ID, Spill Case #, UST Facility ID, etc.)		

Part III: Document Information (document type required for appropriate program[s] only)

Remediation*: Remedial Action Plan (RAP)	
LUST*:	
Date of Document*: 1/8/2021	Version: Final

Part IV: Submitter Information

Name*: Patrick Haskell
E-mail*: patrick.haskell@aecom.com
Name of company/business this document is being submitted on behalf of: *
Town of Greenwich



Remedial Action Plan Transmittal Form
 DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
 BUREAU OF WATER PROTECTION AND LAND REUSE
 REMEDIATION DIVISION www.ct.gov/deep/remediation

Date Stamp
(DEEP Use Only)

This form is a cover document to transmit a Remedial Action Plan. When the use of this transmittal form is required or requested by the Commissioner, a Remedial Action Plan approved in writing by the LEP, a copy of public notification of remediation, as well as all other documentation that demonstrates all applicable laws and regulations have been complied with, is to be attached to this transmittal form to document that remediation of the establishment has been initiated.

Part I of this form must be completed and signed by the Party responsible to submit a Remedial Action Plan for the remediation of the parcel in accordance with the remediation standards. Part II of this form is to be completed and signed and sealed by a licensed environmental professional (LEP).

All sections of this form must be filled out, as applicable.

PART I: GENERAL INFORMATION

Remediation ID No. (Rem#):

Site Identification

Establishment Name (as on Form III): Greenwich High School
 Establishment Address: 10 Hillside Drive
 City/Town: Greenwich State: CT Zip Code: 06831-4835
 Description in Property Deed:
 Recorded on page 179 of volume 905 of the Town of Greenwich
 land records, as lot 034 block on map 314 in the Tax Assessor's Office.

Check the box indicating under which program this documentation is being submitted:

Connecticut General Statutes (CGS) section 22a-134a(a)-(e), Property Transfer filing
 CGS section 22a-133x, Voluntary Remediation
 Other (specify)

Submit this completed form to:

REMEDICATION DIVISION
 BUREAU OF WATER PROTECTION AND LAND REUSE
 DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
 79 ELM STREET, 2ND FLOOR
 HARTFORD, CT 06106 - 5127

Remedial Action Plan Transmittal Form (continued)

Rem#: 13334

PART I: GENERAL INFORMATION (continued)

The following documentation must be attached to this form. Check boxes, as applicable, to verify that the documentation has been submitted with this form.

<input checked="" type="checkbox"/> REMEDIAL ACTION PLAN - in accordance with CGS Section 22a-134a(g)(1)	
Dated: 1/8/2021	Prepared by: AECOM
<input checked="" type="checkbox"/> PUBLIC NOTICE OF REMEDIATION - in accordance with CGS Section 22a-134a(i)	
<input checked="" type="checkbox"/> copy of published notice in newspaper	
<input checked="" type="checkbox"/> copy of notice to local Director of Health	
Check the applicable box if additional public notice requirements were implemented and provide documentation.	<input checked="" type="checkbox"/> sign erected on establishment <input checked="" type="checkbox"/> copies of the notice of remediation mailed to abutting property owners
<i>Note: Certifying Party must provide copies of any written public comments and responses.</i>	

List all applicable documentation and attach to this form.

DOCUMENT	DATED	PREPARED BY
Engineered Control Application (Fields 3 and 4)	1/8/2021	AECOM

Certifying Party Certification

"I submit this form and attached remedial action plan approved by a licensed environmental professional. I shall apply for all permits and approvals that are necessary to carry out the remedial actions, and I shall ensure that any necessary permit applications are complete and that the issuance of any such permit and/or approval will be diligently pursued."	
Amy Siebert <hr/> Printed Name of Authorized Signatory	Commissioner of Public Works <hr/> Title
<hr/> Signature of Authorized Signatory	8 JAN '21 <hr/> Date
Representing (Name of Company): Town of Greenwich Address: 101 Field Point Road City/Town: Greenwich Phone: (203) 622-7740 Email: amy.siebert@greenwichct.org	
State: CT Zip Code: 06830-6463	

PART II: REMEDIAL ACTION PLAN SUMMARY

To be completed by the LEP

Groundwater Class: B		
Soil: Concentrations of Pollutants in Excess of RSR Criteria:		
Criterion Exceeded	Remedial Measure	COC
<input checked="" type="checkbox"/> PMC	<input type="checkbox"/> In-situ	<input checked="" type="checkbox"/> Non-chlorinated VOCs
<input type="checkbox"/> GA	<input checked="" type="checkbox"/> Excavation / on-site re-use	<input checked="" type="checkbox"/> Chlorinated VOCs
<input checked="" type="checkbox"/> GB	<input checked="" type="checkbox"/> Excavation & removal	<input checked="" type="checkbox"/> Metals
	<input checked="" type="checkbox"/> Engineered Control	<input type="checkbox"/> PAHs
<input checked="" type="checkbox"/> DEC	Date of Commissioner Approval:	<input type="checkbox"/> SVOCs
<input checked="" type="checkbox"/> Res	<input checked="" type="checkbox"/> ELUR	<input checked="" type="checkbox"/> PCBs
<input type="checkbox"/> I / C	<input type="checkbox"/> RSR exemption	<input checked="" type="checkbox"/> ETPH
	<input checked="" type="checkbox"/> RSR Alternative Criteria	<input checked="" type="checkbox"/> Pesticides
	Date of Commissioner Approval:	<input type="checkbox"/> Other (specify):
	<input type="checkbox"/> Other (specify):	
Groundwater: Concentrations of Pollutants in Excess of RSR Criteria:		
Criterion Exceeded	Remedial Measure	COC
	<input type="checkbox"/> Pump & Treat	<input type="checkbox"/> Non-chlorinated VOCs
<input type="checkbox"/> GWPC	<input type="checkbox"/> Air Sparging / Vapor extraction	<input type="checkbox"/> Chlorinated VOCs
<input type="checkbox"/> Volatilization	<input type="checkbox"/> Dual-Phase	<input checked="" type="checkbox"/> Metals
<input checked="" type="checkbox"/> SWPC	<input type="checkbox"/> Monitored natural attenuation	<input type="checkbox"/> PAHs
	<input type="checkbox"/> ELUR	<input type="checkbox"/> SVOCs
	<input type="checkbox"/> RSR exemption	<input checked="" type="checkbox"/> PCBs
	<input checked="" type="checkbox"/> RSR Alternative Criteria	<input checked="" type="checkbox"/> ETPH
	Date of Commissioner Approval: pending	<input type="checkbox"/> Pesticides
	<input checked="" type="checkbox"/> Other (specify): gw recovery & offsite treat	<input type="checkbox"/> Other (specify):

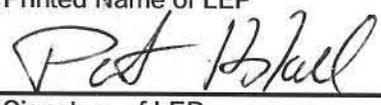
Remedial Action Plan Transmittal Form (continued)

Rem#: 13334

PART II: REMEDIAL ACTION PLAN SUMMARY (continued)

Vapor Intrusion:	<input type="checkbox"/> sub-slab depressurization
Remedial Measure	<input type="checkbox"/> vapor barrier
	<input type="checkbox"/> indoor-air monitoring
Date of DPH Commissioner Approval of such plan:	
NAPL present:	<input type="checkbox"/> Overburden <input type="checkbox"/> Bedrock <input checked="" type="checkbox"/> None
Other (specify): This Remedial Action Plan (RAP) presents the second phase of remediation for the Greenwich High School property. The information provided on this form focuses on the issues and areas that the Phase II RAP addresses.	

LEP Approval

"I have personally examined and am familiar with the information in the remedial action plan summary of this transmittal form, and I approve the attached remedial action plan. My professional services have been rendered in accordance with the 'Rules of Professional Conduct' (Section 22a-133v-6 of the Regulations of Connecticut State Agencies)."	
Patrick Haskell	486
Printed Name of LEP	License Number
	1-8-2021
Signature of LEP	Date
Company: AECOM	
Address: 10 Orms Street, Suite 400	
City/Town: Providence	State: RI Zip Code: 02904
Phone: 401.854.2808	
Email: patrick.haskell@aecom.com	
Affix Seal Here	
	

Phase II Remedial Action Plan

Greenwich High School
Greenwich, Connecticut
Remediation ID No. 13334

January 2021

Quality information

Prepared by



Elizabeth Doerfler

Verified by



Patrick Haskell, LEP

Approved by



Michael Doherty, PE

Revision History

Revision	Revision date	Details	Authorized	Name	Position

Distribution List

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List of Acronyms

AOC	Area of Concern
APS	Additional Polluting Substances
bgs	Below Ground Surface
CFR	Code of Federal Regulations
COCs	Chemicals of Concern
CSM	Conceptual Site Model
DDD	Dichlorophenyldichloroethane
DDE	Dichlorophenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
DEEP	Connecticut Department of Energy and Environmental Protection
DPH	Connecticut Department of Public Health
DPW	Department of Public Works
DTC	Diversified Technology Consultants
EC	Engineered Control
ELUR	Environmental Land Use Restriction
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
ETPH	Extractable Total Petroleum Hydrocarbons
GPR	Ground Penetrating Radar
GWPC	Groundwater Protection Criteria
HHRA	Human Health Risk Assessment
I/C DEC	Industrial/Commercial Direct Exposure Criteria
IRAP	Interim Remedial Action Plan
IRM	Interim Remedial Measure
MISA	Music Instructional Space and Auditorium
PAHs	Polycyclic aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
PID	photoionization detector
PMC	Pollutant Mobility Criteria
PRG	Preliminary Remedial Goal
QA/QC	Quality Assurance / Quality Control
R DEC	Residential Direct Exposure Criteria
RAP	Remedial Action Plan
RCPs	Reasonable Confidence Protocols
RI	Remedial Investigation
RSR	Connecticut Remediation Standard Regulations
R VC	Residential Volatilization Criteria
SEH	Significant Environmental Hazard
SLERA	Screening Level Ecological Risk Assessment

SWPC	Surface Water Protection Criteria
TCE	Trichloroethene
TCLP	Toxicity characteristic leaching procedure
TSCA	Toxic Substances Control Act
UCL	Upper Confidence Level
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds
VRP	Voluntary Remediation Program

1.0 Introduction

AECOM has prepared this Phase II Remedial Action Plan (RAP) on behalf of the Town of Greenwich (Town) Department of Public Works (DPW) for the Greenwich High School property, located at 10 Hillside Road in Greenwich, Connecticut (the site). A Site Location map is provided as **Figure 1-1**. This RAP is being prepared to address remaining impacts to soil and groundwater at the site and is being submitted in accordance with the requirements of a risk-based disposal under the Toxic Substances Control Act (TSCA), as described at Chapter 40 of the Code of Federal Regulations (CFR) Section 761.61(c), and the Voluntary Remediation Program (VRP), as defined by the Connecticut General Statutes (CGS) Section 22a-133x.

This RAP includes a plan for soil remediation and obtaining compliance in Areas of Concern (AOCs) with impacts in excess of Connecticut Department of Energy and Environmental Protection's (DEEP) Remediation Standard Regulation (RSR) Criteria, Regulations of Connecticut State Agencies (RCSA) 22a-133k-1 through 3.

The Town entered the site into the VRP in 2017. Under the VRP, a Completion of Investigation (COI) Report (AECOM, 2019b) was submitted to DEEP to summarize investigation activities performed to assess site areas AOCs relative to RSR compliance, as required by the VRP. This COI report built on work performed prior to entry the VRP as discussed in **Section 1.1.3**. The Phase I Remedial Action Plan (Phase I RAP) was submitted to the United States Environmental Protection Agency (EPA) and DEEP (collectively, the Agencies) in December 2019 to address impacts in seven areas. The Phase I RAP was approved by the Agencies in May 2020, and the majority of remediation proposed in the Phase I RAP was completed during the summer of 2020. This Phase II RAP presents an evaluation of alternatives and a proposed plan to address the remaining AOCs at the site.

Proposed remedial actions will include a combination of soil excavation and off-site disposal, establishment of Engineered Controls (ECs) and related stormwater and groundwater management infrastructure, and implementation of Environmental Land Use Restrictions (ELURs). This RAP also discusses site management issues such as health and safety protocols, waste management procedures, environmental media sampling and analytical protocols, project scheduling, site security, and record-keeping protocols to support the planned remediation.

1.1 Site Description and History

1.1.1 Site Description

The site is located at 10 Hillside Road in Greenwich, Connecticut, which is approximately 73.61 degrees west longitude and 41.04 degrees north latitude. Information obtained from the Town of Greenwich Tax Assessor's office indicates that the site is owned by the Town of Greenwich, includes 54.75 acres, and is designated by parcel number 07-4511/S. A Site Plan, depicting the current layout and pertinent site features, is included as **Figure 1-2**.

The site is in an area zoned for single-family residential use (R-20) and is bounded by residential properties to the north and west, East Putnam Avenue to the south, and Hillside Road to the east. Residential properties are located beyond East Putnam Avenue and Hillside Road. The site is currently used as a public high school with associated athletic facilities. The southeast corner of the site has not been developed and remains in the same condition as it existed prior to the Town purchasing the property except that the residences that occupied that area were demolished. Improvements include a high school building complex with multiple specific-use wings, paved parking areas, natural and artificial turf athletic fields, tennis courts, batting cages, landscaped areas and pedestrian walkways. Utilities provided to the property include public water, storm drainage and sewer, electricity and communications. Heating is provided by oil-fired boilers; No. 2 fuel oil for heating is stored on-site in a 15,000-gallon underground storage tank (UST).

This report references the athletic fields extensively. A guide to the field numbering and use is provided below:

Field ID	Use	Surface
1	Football	Artificial turf
2	Baseball	Natural grass
3	Various	Artificial turf
4	Various	Artificial turf
5	Softball	Natural grass
6	Various	Artificial turf
7	Various	Artificial turf

A fenced utility area, located between Wing B and the brook, encloses a transformer, owned and operated by Connecticut Light & Power (CL&P), switch gear cabinets, an emergency electrical generator with an integral 200-gallon diesel day tank and a steel storage container used to store maintenance vehicles and small quantities of gasoline. A 1,000-gallon diesel UST for the generator is located between the fenced area and the adjacent paved parking area. Adjacent to the fenced utility area is an evaporative cooler used by the air conditioning system. The southeast corner of the property is wooded.

West Brothers Brook flows onto the property from the northwest and is diverted into a concrete channel at the property boundary. The concrete channel follows the western property boundary, curves east between the football stadium (Field 1) and the baseball field (Field 2) before returning to a natural stream bed. The brook then widens into a small surface water impoundment in the southeast corner of the site; referred to as Cider Mill Pond. Water from the impoundment flows over two spillways in the constructed dam and exits the southeastern corner of the property via culverts constructed under East Putnam Avenue.

1.1.2 Site History

Before the Town acquired the site property in 1966, the property was used for residential purposes and was largely undeveloped. The property was originally three separate parcels which the Town purchased and combined into one parcel. Sanborn fire insurance maps indicate that, prior to 1966, the site was occupied by several residences and outbuildings along East Putnam Avenue and Hillside Road.

Two water bodies were observed on historical maps. Wetlands (referred to as Ice Pond on the 1938 and 1950 Sanborn maps) were located in the central portion of the property and an unnamed pond (currently referred to as Cider Mill Pond) is shown in the southeast corner. West Brothers Brook entered the property at the same location as it does currently, flowed southeast into the wetlands, and then beyond to Cider Mill Pond. During the initial construction phase for the high school in the late 1960s, bid documents and historical construction drawings show that the brook was rerouted along the western portion of the site into the concrete channel it currently occupies. These documents also indicate that fill was brought onto the property to fill the wetlands, to grades similar to those that currently exist, during construction of the high school buildings. The diversion of West Brothers Brook and subsequent filling terminated the function of the wetlands at the property. The high school buildings were constructed on the eastern portion of the property, beyond the limits of the historical wetlands, on areas of shallow bedrock or bedrock outcrops.

Construction of the high school was performed between 1966 and 1972 with the main high school buildings (except as described below) eight tennis courts and athletic fields to the west of the school buildings (located in the vicinity of the former wetlands and West Brothers Brook original channel) with the school opening for use in 1970. Several improvements to the property have taken place since the initial construction of the high school:

- In the early 1970s, additional fill was imported to level an area settling in the western parking lot. This area of settling was a paved parking lot prior to the import of additional fill and was restored as such following these operations.

- In 1974, the existing athletic fields were re-graded for improved drainage as the large area of relatively flat grades were allowing storm water to pond on the surface and limiting the use of these fields. Additional re-grading of the athletic fields was performed between 1982 and 1985. Historical drawings indicate that Fields 2 through 5 were constructed within their current footprints by 1994. Improvements to Fields 3 through 5 and the construction of Fields 6 and 7 were completed in 2005.
- In 1975, a football stadium (Field 1) was constructed in the southwestern corner of the site, along East Putnam Avenue. In 2002, the football stadium was rebuilt with a surrounding track.
- Between 1982 and 1985, a softball field (Field 5) was constructed to the north of the high school buildings in an area which was previously undeveloped by the school.
- The Science wing addition at the high school was completed after 1994.
- The tennis courts were rebuilt in 2005 in the same location as the original courts.

Construction of the MISA addition to the high school was planned to commence in mid-July 2011. However, during utility trenching activities for improvements to the parking lot and irrigation system, PCBs were encountered in the upper 2 feet of soil. EPA, DEEP, and the CT Department of Public Health (DPH) were notified and the investigation activities were initiated. MISA construction subsequently resumed in 2013, and the MISA construction project was completed in 2015.

1.1.3 Prior Investigation and Remediation Activities

Investigation of the site was initiated in 2011 in conjunction with MISA construction activities. The following section provides a general timeline of investigation and remediation activities relevant to the imported fill material, identified as AOC 1 in the 2011/2012 Remedial Investigation (RI), in addition to other areas of the site evaluated during sitewide investigations and subsequently remediated. Previous remediation performed at the site is shown on **Figure 1-3**. Note that this is a general timeline of events and does not intend to include all activities performed, or documents prepared related to the site:

- Phase I ESA – Diversified Technology Consultants (DTC), August 2011: The Phase I ESA identified AOCs and provided recommendations for additional work.
- Site Investigation Activities – DTC, August and September 2011: Initial investigation activities included surficial soil sampling and focused soil borings, asphalt sampling, and bedrock sampling. Results were reported in AECOM's Remedial Investigation Report (see below).
- Interim Remedial Measures – DTC, 2011: Following completion of a Phase I Environmental Site Assessment, DTC implemented Interim Remedial Measures (IRMs) to allow for safe access to the athletic fields. 2011 IRMs included the removal of surface soil with PCBs at concentrations greater than 1 mg/kg and chlordane at concentrations in excess of the Significant Environmental Hazard threshold around Fields 6 and 7. IRMs also included the installation of fencing and applying surface cover to prevent access to environmental impacts in surface soil. Phase I Investigation activities and 2011 IRMs were summarized in the 2013 Remedial Action Report (AECOM, 2013d).
- Remedial Investigation Report – AECOM, February 2013: The RI report documented initial remedial investigation activities performed during 2011 and 2012.
- Screening Level Ecological Risk Assessment (SLERA) – AECOM, February 2013: The SLERA evaluated risk to ecological receptors associated with West Brothers Brook and Cider Mill Pond. The SLERA was amended in October 2017 to include data from upstream and downstream sediment and surface water samples and to update the risk evaluation.
- Human Health Risk Assessment (HHRA) – AECOM, April 2013: The HHRA evaluated risk to human health and the environment posed by constituents of concern (COCs) at the site and provided a basis for development of the initial Remedial Action Plan (RAP) for the site.

- Focused Feasibility Study (FFS) – AECOM, April 2013: The FFS evaluated remedial alternatives for the site and provided a framework, along with the HHRA, for development of the RAP.
- Remedial Action Plan – AECOM, November 2013: The 2013 RAP proposed to address PCB impacts in accordance with risk-based disposal provisions of TSCA [40 CFR 761.61(c)] and the results of the HHRA (AECOM, 2013c). The 2013 RAP proposed to remove shallow soils impacted in areas where soil is not located under durable artificial turf and thereby provide additional protection against potential future risk of exposure. The 2013 RAP was the subject of two rounds of comment and response between DEEP and the Town/AECOM. These discussions led to additional study and evaluation of the site. The Phase II RAP, as well as other supplemental documents outlined in this section, contain the responses to Agencies' comments resulting from the 2013 plan.
- Phase I Remediation – Summer 2014: Remediation was performed in select areas to reduce potential risk posed by potentially accessible surficial soil impacted with benzo(a)pyrene, arsenic, and/or pesticides. The plan for remediation was summarized in the 2013 RAP (AECOM, 2013a). The remedial objectives specified for the IRMs were to remove surficial soil containing arsenic at concentrations greater than 20 mg/kg, benzo(a)pyrene at concentrations greater than the calculated preliminary remedial goal (PRG) of 0.159 mg/kg developed in the 2013 HHRA (AECOM, 2013b), and chlordane at concentrations greater than the Significant Environmental Hazard (SEH) threshold for surface soil. Excavation areas were located in the southern portion of the site, either south or immediately north of West Brothers Brook. Six areas were excavated to 1-foot depth for arsenic impacts; four areas were excavated to 1-foot depth for benzo(a)pyrene; and one area was excavated to 1-foot depth for chlordane. Post-excavation samples were collected from each area. Due to time constraints associated with school activities, benzo(a)pyrene impacted areas were remediated to the R DEC (1 mg/kg), rather than the PRG (0.159 mg/kg).
- MISA construction - 2012 through 2015: Remediation of soil impacted with PCBs, polycyclic aromatic hydrocarbons (PAHs), extractable total petroleum hydrocarbons (ETPH), and select metals was completed in conjunction with MISA construction activities. The MISA construction was completed pursuant to a PCB Cleanup Plan, which was approved by EPA under the risk-based disposal provisions of TSCA on December 3, 2012, subject to specific conditions regarding the management and disposal of PCB-impacted soil and groundwater. Prior to the start of construction activities, remediation of soils containing PCBs at concentrations greater than 50 mg/kg in the footprint of the construction project was performed and verification samples collected. Verification sampling was performed as per 40 CFR Part 761 Subpart O to confirm that soil with PCBs greater than 50 mg/kg had been removed. Following completion of the greater than 50 mg/kg PCB excavation work, additional excavation work was performed in conjunction with construction activities to remove PCB impacted soil at concentrations exceeding 10 mg/kg. Additional verification sampling followed this excavation work to demonstrate that remedial goals had been achieved. Following determination that the PCB excavations were complete, additional sampling was performed to confirm that remaining soil impacted with other COCs was in compliance with the GA PMC. Remediation activities associated with the construction of MISA are detailed in the Remedial Action Completion Report for MISA Construction Project (AECOM, 2019c).
- Western Parking Lot Expansion – Summer 2015: In 2015, the Western Parking Lot was expanded to accommodate vehicular traffic; electrical conduits were installed to power the parking lot lighting; and a stormwater detention basin and associated storm drainage lines were installed. This work was performed as a modification to earlier IRM activities and was approved by EPA on June 30, 2015. Expansion of the Western Parking Lot included soil excavation in an area previously identified to have PCB concentrations greater than 50 mg/kg. Soil having PCB concentrations greater than 50 mg/kg at depths of up to 3 feet bgs and soil having PCB concentrations greater than 1 mg/kg, but less than 50 mg/kg was transported to a RCRA landfill permitted to accept PCB remediation waste. Soil containing PCBs at a concentration of less than 1 mg/kg was designated as Connecticut Regulated Waste and disposed of offsite. Post-excavation samples were collected at the bottom of the excavations to document PCB concentrations remaining beneath the parking lot. Excavation, soil

management, soil disposal, and sampling activities are summarized in the Post-Construction Report for the Western Parking Lot Expansion Project (AECOM, 2016).

- Environmental Conditions Assessment Form (ECAF) – AECOM, May 2017: Following discussions with DEEP, the Town entered the site into the Voluntary Remediation Program. An ECAF was submitted in May 2017. In the ECAF acknowledgement, DEEP indicated that they would retain oversight of the investigation and remediation of the site.
- Artificial Turf Field and Hydrogeologic Investigation Report – AECOM, May 2019: In order to address regulator comments on the RAP pertaining to the hydrogeologic conceptual side model and the artificial turf fields, AECOM performed an investigation to evaluate the effects of groundwater elevation changes beneath the artificial turf fields, infiltration into and runoff from the artificial turf fields, the mobility of PCBs in groundwater, and the nature of groundwater-surface water exchange at the site.
- Completion of Investigation Report – AECOM, May 2019: Additional site investigation activities were performed to address data gaps identified at the site relative to assessing compliance with the RSRs and planning remedial activities accordingly.
- UST Removal – Big East Environmental, February 2020: A 15,000-gallon underground storage tank (UST) formerly located on the western side of the school was removed. Upon exposing the UST, odors and photoionization detector (PID) readings indicated the presence of petroleum-impacted soils. ETPH were detected in soil at concentrations exceeding the R DEC. The DEEP was notified on the release and the site was assigned a case number of 2020636. The UST and impacted soils were removed on February 13, 2020, and confirmation soil samples were collected from the UST grave. ETPH were not detected in any confirmation samples, and PAHs were detected at concentrations below the R DEC and GA PMC. A UST Closure Report was submitted to the DEEP on March 4, 2020 (Big East Environmental, 2020).
- Phase I Remediation – AECOM, Summer 2020: Phase I remedial activities, including the installation of an engineered control (EC) beneath artificial turf Fields 6 and 7, excavation and removal of impacted soil in six areas, and disposal of soil at approved offsite facilities, were performed at the site in accordance with the Phase I Remedial Action Plan (RAP) (AECOM, 2019d), Phase I RAP Addendum (AECOM, 2020a), and the Engineered Control Variance Request (AECOM, 2019e), which were approved by EPA and DEEP in May 2020. The remediation of soil was designed to achieve compliance with the applicable DEEP RSR criteria, SEH thresholds, and/or the TSCA requirements in seven remediation areas. Remediation activities addressed PCBs in three areas, ETPH in two areas, and pesticides and arsenic in one area each. Remedial objectives were met at six of the seven remediation areas. Due to time constraints associated with the start of the school fall semester, PCB concentrations in exceedance of the R DEC and TSCA cleanup standard (1 mg/kg) remains below ground in Remediation Area 2, which is located north of Field 7. Completion of soil removal in Remediation Area 2 will be performed in conjunction with Phase II Remediation activities under an amendment to the Phase I RAP. Phase I remediation activities will be detailed in the Phase I Remedial Action Report at the conclusion of the activities in Remediation Area 2. The conditions of the Agency approval of the EC beneath Field 6 and 7 include regular inspections and groundwater and stormwater monitoring and the recording of an ELUR in accordance with Regulations of Connecticut State Agencies (RCSA) §22a-133k-2(b)(3). Monitoring activities commenced in Fall 2020, and the ELUR will be recorded at the conclusion of site remediation.
- Pre-Remediation Investigation – Fall 2020: Supplemental soil sampling was performed to better define the horizontal and vertical limits of polluted soils within AOC 1 and support remediation.

1.2 Environmental Setting, Geology, and Hydrogeology

A discussion of the environmental setting and geologic conditions at the site was provided in previous investigation reports and is summarized below.

1.2.1 Environmental Setting

Most of the site has been graded to facilitate the construction of the high school, parking areas and several athletic fields. DEEP has designated groundwater beneath the site as “GA” quality. Groundwater categorized as GA is considered suitable for drinking or other domestic uses without treatment. The National Flood Insurance Rate Map for the area of the site shows that most of the site is located within Zone X, outside of the 500-year floodplain. Areas in the vicinity of West Brothers Brook are located in Zone AE, within the 100-year floodplain, with some areas designated in the 500-year floodplain. Areas adjacent to West Brothers Brook are within the regulatory floodway.

1.2.2 Geology and Hydrogeology

A comprehensive study of geology and hydrogeology at the site was recently performed and was submitted separately as the Artificial Turf Field and Site Hydrogeological Investigation Report (AECOM, 2019a). In general, overburden materials encountered during subsurface investigations include non-native fill, peat, and till. These have been observed at varying depths, with non-native fill, underlain by peat and till is prevalent in central and western portions of the site, where bedrock depth is greatest. Native soils are present on the southern portion of the site, where shallow bedrock and bedrock outcrops can be observed. Groundwater at the site is generally observed between 3 and 10 feet below ground surface (ft bgs). Groundwater flows onto the site from the northwest and northeast and flows in a south to southeasterly direction on-site toward the southeastern corner of the site, where West Brothers Brook flows beneath East Putnam Avenue.

1.3 Remediation Criteria

The site is enrolled in the DEEP VRP, and DEEP has retained oversight of the investigation and remediation of the site (DEEP lead). The site is also under the jurisdiction of EPA and subject to TSCA with regard to PCBs detected in soil and groundwater. PCB-impacted soil at the site is being addressed as PCB remediation waste as defined at 40 CFR 761.3. The Town is working directly with the EPA Region 1 PCB Coordinator and DEEP’s Bureau of Materials Management and Compliance Assurance PCB Program and Remediation Division staff with regard to investigation and remediation of PCBs.

In March 2020, the Town submitted a request to DEEP to reclassify groundwater at the site to as GB, which indicates that it is unsuitable for use as a domestic water source without treatment. This classification is consistent with the classification of groundwater south of East Putnam Avenue (US Route 1), immediately south of the site. This RAP has been developed with the expectation that groundwater will be reclassified as GB. However, the RAP also identifies areas of the site where concentrations of chemicals in soil and groundwater exceed criteria applicable to GA groundwater. Following reclassification, the applicable groundwater clean-up criteria for the site will be the Residential Volatilization Criteria (R VC) and the Surface Water Protection Criteria (SWPC), and the applicable soil criteria will be the Residential Direct Exposure Criteria (R DEC) and GB Pollutant Mobility Criteria (GB PMC). Pending DEEP approval of the reclassification, comparison to Groundwater Protection Criteria (GWPC) and GA PMC, which are designed to be protective of drinking water usage, are also included herein, but, remedial activities proposed are not designed to achieve compliance with those latter criteria.

1.3.1 Alternative Criteria Request

In January 2021, a request for approval of Criteria for Additional Polluting Substances (APS) and Certain Alternative Criteria was submitted to the DEEP. The submittal included a request for alternative, site-specific DEC for chlordane and heptachlor epoxide, as well as APS for constituents for which DEEP has not formally adopted numeric criteria. Alternative criteria were developed in accordance with RCSA 22a-133k-2(b)(5). The bulk of the APS criteria requested for use as site criteria are adopted from DEEP’s *Technical Support Document: Recommended Numeric Criteria for Common Additional Polluting Substances and certain Alternative Criteria* (DEEP, 2018). The alternative DEC for chlordane and heptachlor epoxide are further discussed in **Section 3.3**.

1.3.2 Background Criteria Request

In January 2021, a notice to establish a background concentration of 25 mg/kg for arsenic in native soils was submitted the DEEP. For the purposes of this Phase II RAP, arsenic soil data from samples collected in native and non-native fill are evaluated against the background concentration of 25 mg/kg in native soil, as well as the R DEC of 10 mg/kg.

1.3.3 95% UCL

The RSRs §22a-133k-2(e)(1)(A) provides the option of evaluating data to determine compliance for a particular release area by averaging results utilizing the 95th upper confidence level of the arithmetic mean (95% UCL). The RSRs do not specify a minimum number of samples for the calculation of the 95% UCL; however, the method requires a minimum of 10 samples in order to provide a useable result (DEEP, 2014). This approach has been utilized in the evaluation of compliance with the DEC for constituents other than PCBs at the site. Note that this approach is not applicable to PCB data for evaluation of compliance with TSCA. PCB data at the site have been evaluated individually against the TSCA remedial cleanup criteria previously discussed. The application of the 95% UCL to the site is discussed further in **Section 3**.

2.0 Pre-Remediation Investigation

AOC 1 is the portion of the site where imported fill was used to backfill the wetlands that were formerly present at the site. Investigation activities in AOC 1 were primarily documented in the RI Report (AECOM, 2013d). The RI was performed with an objective of characterizing environmental impacts sufficient to develop a RAP for EPA approval to address PCBs in the AOC 1 fill and to address potential risks associated with other constituents detected on site. The RI did not specifically evaluate for PMC compliance, as it was performed prior to entry into the VRP. Subsequent data collection in AOC 1 has included quarterly groundwater monitoring, verification sampling associated with IRM activities, and sampling of the artificial turf field components.

In fall of 2020, AECOM performed a pre-remediation soil investigation to better define the horizontal and vertical limits of polluted soils within AOC 1, to evaluate compliance for the R DEC and GB PMC for various COCs, and to support the remedial approach presented in **Section 6.1**. Samples were collected for various analyses in Fields 2, 3, 4, and 5, the Western Parking Lot, grassy areas around the fields, and grassy areas near the high school buildings. Previous investigations have focused on the top 0.5 feet of soils in natural grass areas and deeper soil borings were advanced on a 40-foot grid. The primary goals of the pre-remediation investigation were to (1) evaluate the 0.5- to 2-foot interval to better understand PCB concentrations in the top 2 feet to allow determination of appropriate reuse and disposal options, (2) to determine where COC concentrations in soil meet the R DEC and may therefore be suitable for use as a clean soil cap, and (3) to delineate RSR criteria exceedances for various COCs identified in deeper intervals during previous investigations.

Soil samples were collected in the top 2 feet of natural grass areas in the vicinity of Fields 2 and 5 and surrounding Fields 3 and 4. Samples in natural grass areas were collected in order to define the vertical extents of contaminants of concern which were identified at deeper intervals at concentrations exceeding applicable criteria. PAHs, volatile organic compounds (VOCs), and ETPH were not detected at concentrations exceeding applicable criteria in the top 2 feet of soil near Fields 3 and 4. Lead and PCBs were detected at concentrations greater than the R DEC in four samples in natural grass areas. The lead R DEC exceedances were co-located with PCB R DEC exceedances. Additional PCB impacts at concentrations exceeding the R DEC in the 0.5 to 2-foot interval were also identified in Field 2 and the grass area surrounding Fields 3 and 4.

Samples were collected from beneath Fields 3 and 4 and between the fields and the Western Parking Lot to better define the vertical and horizontal extents of high concentration PCB impacts identified during the 2012 remedial investigation which will require remediation. Soil samples were also collected to verify locations where soil in the top 1.5 feet below the playing surfaces would be appropriate for use as backfill beneath the cap. Of 21 samples collected from 1 to 1.5 feet bgs beneath Fields 3 and 4 and in between the fields and the parking lot, two samples were found to have PCB concentrations exceeding 50 mg/kg. Both samples are located at the northern end of Field 4.

Sampling was performed in the grassy areas located immediately west of the high school buildings. PCBs were detected at concentrations exceeding 1 mg/kg but less than 10 mg/kg in shallow soil at three boring locations. PCBs were detected at concentrations exceeding 10 mg/kg in samples collected from two boring locations. ETPH was detected at one location in exceedance of the R DEC but below the GB PMC. The plan for remediation to address exceedances of applicable criteria is presented in **Section 6.1**.

Pre-remediation investigation sample results were incorporated into the Phase II RAP figures and tables. A summary of the pre-remediation investigation sample results is provided as **Appendix A**.

3.0 Areas of Concern

There are 16 AOCs that have been identified at the site during previous investigations. Four of the AOCs identified in the RI Report (AECOM, 2013d) are not strictly speaking AOCs, but rather are areas of focused investigation where releases from other AOCs may have come to be located. These four AOCs (AOC 10 – Groundwater, AOC 11 – West Brothers Brook Sediments, AOC 12 – Cider Mill Pond Sediments and AOC 15 – Surface Water) are not directly addressed in this RAP. Groundwater data are addressed in conjunction with the AOCs to which they are related, and surface water and sediment issues were previously addressed in the Screening Level Ecological Risk Assessment (SLERA) (AECOM, 2013e) and SLERA Addendum (AECOM, 2017), which are under review by DEEP. The AOCs addressed by this RAP are described in the following sections. AOCs are depicted on **Figure 3-1**. A detailed discussion of each AOC including analytical data tables and figures was presented in the Completion of Investigation (COI) Report (AECOM, 2019b).

3.1 AOC 1 – Fill Area

Prior to construction of the school in the 1960s, the area west of the current school building was occupied by a wetland complex that was fed and drained by West Brothers Brook. During construction of the school, the brook was diverted into a concrete channel and the wetland filled up to the current grade. AOC 1 is the portion of the site where imported fill was used to backfill the wetlands that were formerly present at the site. This approximately 495,000 square-foot area includes much of Fields 2, 3, 4, and 5 and the western parking lot and portions of Field 6. PCB impacts under portions of Field 6 were addressed as part of the Phase I Remedial Action Plan (Phase I RAP) (AECOM, 2019c) submitted to Agencies in December 2019. An EC was constructed below the playing surface of Fields 6 and 7 in the summer of 2020 to prevent access and exposure to polluted soils beneath the fields.

The thickness of the fill material is greatest beneath Fields 3 and 4 and thins out laterally from those areas. Beneath Fields 3 and 4, the fill extends to a maximum depth of approximately 15 feet bgs. The depth to the seasonal low groundwater table in AOC 1 generally ranges from 5 to 8 feet bgs. The depth of the seasonal high groundwater table generally ranges from 3 to 6 feet bgs. In some limited locations (e.g., MW-Y9 and MW-AH16R), groundwater is present at 1 to 3 feet bgs. Impacts below the seasonal high-water table, which varies across the site, are not subject to compliance with the GB PMC.

3.1.1 Summary of AOC 1 Contamination

COCs identified in AOC 1 during the RI include VOCs, ETPH, PAHs, metals, PCBs and pesticides. The fill material is highly heterogeneous and concentrations of COCs vary greatly throughout. VOCs have been identified in soil borings within the northern portion of Field 2 and portions of Field 3 and Field 4 but are typically not detected in other areas. Pesticide impacts are believed to be related to school maintenance activities. The area of highest concentrations for PCBs, ETPH, and PAHs is located to the west of the Western Parking Lot and extends beneath Fields 3 and 4 and a limited portion of Field 2.

PCBs, ETPH, certain PAHs, arsenic, and lead are present at concentrations exceeding the R DEC as well as the TSCA regulatory limits throughout AOC 1. Also present in AOC 1 are isolated exceedances of the R DEC for other metals, chlordane, and vinyl chloride. Metals concentrations at several locations exceeded the GA and/or GB PMC, and concentrations of ETPH, certain VOCs, and SVOCs at isolated locations exceed the GA and/or GB PMC.

There are additional PCB impacts identified in other AOCs that are likely the result of PCB-impacted soil being transported from AOC 1 to the area during construction activities performed prior to the knowledge of PCBs at the site (AECOM, Phase II/II, 2019). These include the following areas:

- PCBs were reported above the R DEC in two surficial samples (SS-248 and SS-249) collected north of West Brothers Brook and southeast of AOC 1, near AOC 5, AOC 6, and a portion of AOC 9. The location of these two analytical results exceeding R DEC are currently fenced to prevent access by the public.

- PCBs have been detected above applicable criteria in surficial soil samples collected in an area located northeast of Field 7. An IRM was performed in 2011 to remove surficial soil impacts. However, subsequent soil sampling indicated PCB impacts remained at depths greater than the IRM excavation. The Phase I RAP (AECOM, 2019c) proposed to excavate surficial soils in this area. During Phase I Remediation, 127 tons of soil were removed from depths ranging from 0 to 4 feet bgs. Due to time constraints, PCB R DEC exceedances remain in the northern portion of this area and require further remediation which will be addressed in an addendum to the Phase I RAP.

PCB data for soil samples collected in AOC 1 are provided on **Table 3-1**, and data for other COCs are provided on **Table 3-2**. PCB sample results in AOC 1 are shown on **Figure 3-2** as stack charts that depict the results for samples collected at various depth intervals at each location. PCB sample results in the Western Parking Lot in AOC 1 are also shown on **Figure 3-3**. **Figure 3-4** is provided to show only surficial samples collected throughout AOC 1 and analyzed for PCBs. Exceedances of the R DEC for site COCs (excluding PCBs) in the top 4 feet of soil are shown in **Figure 3-5**. Exceedances of the GA PMC for site COCs in soil are shown in **Figure 3-6** while GB PMC exceedances are depicted on **Figure 3-7**. Individual figures depicting sample results for groups of COCs are referenced in **Section 3.1.2**.

Groundwater monitoring results show PCBs, ETPH, PAHs, and metals at concentrations above the GWPC and SWPC in samples from monitoring wells located in AOC 1 and are screened within the fill material. Isolated GWPC exceedances for VOCs were also detected in groundwater from monitoring wells within AOC 1. Detailed evaluations of specific COCs present in groundwater in AOC 1 are presented in **Section 3.1.2**. Various constituents have been detected at concentrations exceeding applicable RSR criteria outside AOC 1 including include lead, arsenic, copper, zinc, and ETPH. No releases of these constituents have been identified in the areas of groundwater impacts.

PCBs have also been detected above the GWPC and SWPC in water samples collected from the West Brothers Brook outfall location (OF3) which is connected to the drainage system present underneath Fields 3 and 4. PCBs are detected intermittently at concentrations below the GWPC and SWPC in the water collected from the outfall location associated with Field 4 and Field 6 (OF4). While the GWPC and SWPC are not applicable to this water, the elevated PCB concentrations detected in these samples suggests that impacted groundwater is entering the perforated drains located underneath the turf fields and discharging to West Brothers Brook. Sitewide groundwater monitoring data, including outfall sample results, from 2013 to 2020 are provided on **Table 3-3**. The groundwater monitoring network and outfall locations are shown on **Figure 3-8**. A figure showing SWPC exceedances identified in groundwater samples collected between June 2018 and November 2020 is provided as **Figure 3-9**.

3.1.2 AOC 1 Compliance Determination

The following sections present a summary of analytical data relative to RSR numerical criteria and discusses the methods used to determine compliance with the RSRs in various parts of AOC 1. Despite these COCs all being related to the AOC 1 fill material, the discussion is organized by category of COCs for clarity.

3.1.2.1 PAHs

PAHs are present in AOC 1 at concentrations exceeding the R DEC and exceeding the GB PMC in soil located above the water table. During prior investigation activities, PAHs were analyzed in deeper intervals, generally where fill material was evident or impacts were suspected. During the 2020 pre-remediation investigation (**Section 2**), surficial samples were collected in locations where historical PAH exceedances were present at deeper intervals to assess the vertical extent of impacts. PAHs were not detected above applicable criteria in the top 2 feet of soil beneath natural grass areas, including Fields 2 and 5.

Selected samples with PAH mass concentrations exceeding GB PMC, including AA8-SB274, U13-SB233, AF15-SB259, AH23-SB204, AJ15-SB257, and AE19-SB263, were further analyzed by SPLP. PAH concentrations in SPLP extract did not exceed the GWPC times 10 for any of these samples, indicating that PAHs do not readily leach from soil to groundwater, and thereby demonstrating compliance with the PMC at

those locations. Mass concentrations which exceeded the GB PMC but were not analyzed by SPLP are comparable or significantly less than mass concentrations which were compliant when analyzed by SPLP with the exception of AJ16-SB103, AH13-SB448, and AA16-SB418. At these three locations, concentrations of benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and benzo(k)fluoranthene in soil are greater than the GB PMC and also greater than those samples found to be compliant with the PMC by SPLP analysis. Compliance with PMC for these three samples has been established utilizing local groundwater data as described below.

Four quarters of groundwater samples collected from well MW-AH16R which is located approximately 95 feet downgradient of boring AJ16-SB103 and well MW-X17 which is located approximately 125 feet downgradient of boring AA16-SB418 indicate that PAH concentrations do not exceed the SWPC. Groundwater data at these locations confirms that the highest concentrations of PAHs in soil are not impacting groundwater. Based on this observation, compliance is inferred for other sampling locations, including AH13-SB448. Under the Western Parking Lot, benzo(a)anthracene was detected at a concentration slightly above the GB PMC in one sample collected from X18-SB381; however, the benzo(a)anthracene concentration of 1.03 mg/kg was qualified as estimated by the laboratory, and benzo(a)anthracene was not detected at a concentration above the reporting limit of 0.38 mg/kg in a duplicate sample. Based on these data, the pattern of PAH leaching evidenced by the SPLP data and groundwater data from PAH-impacted areas that allow for infiltration, compliance with the PMC for PAHs is inferred throughout AOC 1. Sitewide SVOC criteria exceedances in soil are shown on **Figure 3-10** and analytical results for AOC 1 are provided in **Table 3-2**.

Various PAHs have been detected in groundwater collected from MW-AA12 (located in Field 3) at concentrations exceeding the SWPC. Phenanthrene has been detected above the default SWPC in groundwater collected from MW-Y15 and MW-AH16R; however, concentrations do not exceed the 2018 recommended SWPC of 14 µg/L (DEEP, 2018). Four quarters of compliance for PAHs in groundwater have been established at downgradient monitoring wells MW-AE8, MW-Y9, MW-P7, MW-P11, MW-S15, MW-X17, and MW-V18, which are also located immediately upgradient of West Brothers Brook. A summary of groundwater analytical data from 2013 to 2020 is provided as **Table 3-3**. SWPC exceedances identified in groundwater between June 2018 and November 2020 are shown on **Figure 3-9**.

Concentrations of PAHs in soils within AOC 1 are greatest beneath Fields 3 and 4 and west of the Western Parking Lot. Analysis by SPLP and local groundwater data indicate that PAHs in site soil do not readily leach into groundwater and establish compliance with the GB PMC in AOC 1. PAHs in exceedance of the R DEC in accessible soil in the vicinity of U15-SB328, AH13-SB448, AK15-SB440, AJ15-SB257, AJ16-SB103, and AK16-SB483 require remediation. The AOC 1 remediation plan is described in **Section 6.1**.

3.1.2.2 ETPH

Concentrations of ETPH in soils throughout much of AOC 1 exceed the R DEC and GB PMC. Locations in and near Fields 2 and 5 where deep ETPH impacts were previously identified were further evaluated during the 2020 pre-remediation investigation (**Section 2**). Shallow samples were analyzed for ETPH to determine the vertical extents of ETPH impacts. ETPH was not detected at concentrations exceeding 500 mg/kg, confirming compliance with RSR criteria, in the top 2 feet of soil in Field 2, Field 5, or the area outside Fields 3 and 4. One sample (North-B1), which was collected from 0.5 to 1 foot bgs in the grass area adjacent to the MISA was found to contain ETPH at a concentration of 1400 mg/kg. Sitewide ETPH criteria exceedances in soil are shown on **Figure 3-11**, and analytical results for AOC 1 are provided in **Table 3-2**.

Several samples with exceedances of the GA PMC for ETPH based on mass, including AF15-SB259, AC15-SB260, AE19-SB263, AJ15-SB257, AA8-SB274, X17-SB266, Y7-SB273, U13-SB233, and Z16-SB311, were further analyzed by SPLP. ETPH leachable by SPLP was only detected in one sample (AF15-SB259), and it was at a concentration less than the GWPC times 10, indicating that ETPH do not readily leach from site soil to groundwater at mass concentrations below the GB PMC of 2,500 mg/kg. SPLP analysis has not been performed on samples containing mass concentrations in exceedance of the GB PMC, and those will therefore

be remediated. ETPH exceedances of GB PMC are only present beneath Fields 3 and 4 and west of the Western Parking Lot.

ETPH concentrations in groundwater have exceeded the 2018 recommended APS SWPC of 0.250 mg/L (DEEP, 2018) in samples collected from wells MW-Y15, MW-Y9, MW-AA12, MW-AH16R, MW-AJ19, MW-AJ13, MW-AE8, and MW-X17. Of these, only two wells are directly upgradient of surface water, MW-Y9 and MW-AE8. At well MW-AE8, ETPH concentrations are sporadic with a detection frequency of 4 out of 14 samples and only two of which contained ETPH concentrations in excess of the recommended SWPC. At MW-Y9, concentrations ranged between 0.22 and 0.36 mg/L over the last four quarters. Remediation in these areas to remove impacted soil and reduce infiltration, as described in **Section 6.1**, is expected to improve groundwater quality and obtain compliance.

A summary of groundwater analytical data from 2013 to 2020 is provided as **Table 3-3**. SWPC exceedances identified in groundwater between June 2018 and November 2020 are shown on **Figure 3-9**. Historical groundwater data have indicated that ETPH concentrations exceeded 0.250 mg/L at monitoring wells MW-AJ19, MW-AA19, and MW-AG10 during a single monitoring event in 2014 with no other prior detections, although groundwater samples from these monitoring wells have not been analyzed for ETPH since 2014. Well MW-AG10 is located near upgradient of West Brothers Brook in an area where remediation will be performed, as described in **Section 6.1**.

Concentrations of ETPH in soils within AOC 1 are greatest beneath Fields 3 and 4 and west of the Western Parking Lot. ETPH impacts in exceedance of the GB PMC above the water table and in exceedance of the R DEC in accessible soils require remediation. The remediation plan for AOC 1 is presented in **Section 6.1**.

3.1.2.3 VOCs

VOCs have been detected in soils in AOC 1 at concentrations exceeding the R DEC and GB PMC. During the 2011 investigation, vinyl chloride was detected at a concentration greater than the R DEC and GB PMC while benzene and trichloroethene (TCE) were detected at concentrations exceeding the GB PMC in one sample located under Field 2, collected from 2.5 to 4.5 feet bgs in boring V9-SB234. The concentration reported for vinyl chloride in this sample was qualified by the laboratory as estimated with a potentially high bias. This area was further delineated in 2012 when samples were collected in the top 0.5 feet and analyzed for VOCs and VOCs by SPLP and soil at boring location V9-SB234 was re-sampled from 2.5 to 4 feet bgs. VOCs were not detected in the top 0.5 feet by mass or SPLP analysis. In the 2012 resample of V9-SB234, vinyl chloride exceeded the R DEC but not the GB PMC and TCE exceeded the GB PMC from 2.5 to 4 feet bgs. In 2020, an additional sample was collected at the same location as V9-SB234 from 1 to 2 feet. VOCs were not detected at this interval, confirming that VOC impacts were not present in the top 2 feet of soils.

Vinyl chloride has been detected at concentrations exceeding the R DEC in three other locations in AOC 1. These locations are below or immediately adjacent to Fields 3 and 4. No other VOCs have been detected in exceedance of the R DEC at the site. Benzene and TCE have been detected at concentrations exceeding the GB PMC beneath Field 2 at borings U13-SB233 and W7-SB408. Groundwater collected from monitoring wells near and downgradient of VOCs present above the GB PMC in the Field 2 outfield area do not contain VOCs at concentrations in exceedance of the GWPC or SWPC, and thus VOCs comply with the PMC in these areas. Since concentrations of benzene and TCE are greatest at locations proximate and upgradient to monitoring wells with no VOC detections, it is inferred that soil with lower concentrations of these VOCs is not leaching elsewhere under Field 2. VOC concentrations exceed the GB PMC at several locations beneath Fields 3 and 4, for which compliance has not been further evaluated. It is assumed that these will require remediation. Sitewide VOC sample results in soil are shown on **Figure 3-12** and analytical results for AOC 1 are provided in **Table 3-2**.

VOCs are generally not detected in groundwater at the site. Four quarters of compliance for VOCs have been established at monitoring wells located at the boundary of AOC 1 including MW-AE8, MW-AG10, MW-AJ19, MW-AM16, MW-P11, MW-P7, MW-S15, MW-V18, MW-X17, MW-Y15, and MW-Y9. Additionally, VOCs have never been detected in groundwater at any site monitoring wells at concentrations exceeding the SWPC or

APS SWPC. A summary of groundwater analytical data from 2013 to 2020 is provided as **Table 3-3**. SWPC exceedances identified in groundwater between June 2018 and November 2020 are shown on **Figure 3-9**.

VOC impacts in the vicinity of AE13-SB463, AE14-SB472, AG14-SB451, AI14-SB446, AI15-SB355, AF15-SB259, and AN13-SB437 that exceed the RSR criteria will be addressed as part of the remediation plan described in **Section 6.1**.

3.1.2.4 Metals

Various metals including lead, arsenic, antimony, beryllium, cadmium, copper, nickel, thallium, vanadium, and zinc are present in soils within AOC 1 at concentrations exceeding R DEC. Soil sample results for metals in AOC 1 are shown on **Figure 3-13**.

Locations in grass-covered areas including Fields 2 and 5 and the area outside Fields 3 and 4 where deep metals impacts were previously identified were further evaluated during the 2020 pre-remediation investigation (see **Section 2**). Shallow samples were analyzed for metals to determine the vertical extents of impacts. In pre-remediation investigation samples, lead was the only metal detected at concentrations above the R DEC.

Lead has been detected in soil throughout AOC 1 at concentrations exceeding the R DEC, and SPLP analyses have indicated concentrations are in exceedance of the GB PMC at several locations including Y9-SB359, S15-SB237, Y15-SB310, Y16-SB63, AC19-SB76, and AJ13-SB432. In the sample collected from boring location Y9-SB359, a lead mass concentration of 5,880 mg/kg was detected, and SPLP analysis exceeded 10x the GWPC. However, at MW-Y9, which is installed in the same location as boring location Y9-SB359, lead has been detected in groundwater samples at concentrations an order of magnitude below the SWPC, indicating that PMC compliance has been demonstrated at this location.

Arsenic concentrations in soil samples which exceed the background concentration on site are shown on **Figure 3-14**. None of the samples in AOC 1 analyzed for arsenic by SPLP were found to exceed the GA or GB PMC. Arsenic has previously been detected in groundwater at five wells in AOC 1 at concentrations exceeding the SWPC, two of which (MW-S15 and MW-Y9) are adjacent to the culverted portion of West Brother Brook. However, arsenic concentrations have been below the SWPC in the past eight quarterly samples collected at well MW-S15. Compliance therefore exists at S15. However, compliance does not exist at Y9, and remediation is required there.

Beryllium has been detected in one sample in AOC 1 (P7-SB239) from 0.7 to 4 feet bgs at a concentration slightly greater than the R DEC; however, this sample was a duplicate for which the original sample concentration did not exceed the R DEC. Beryllium is not a contaminant associated with the historical fill material, and this exceedance for beryllium is not co-located with any other COC exceedances. Beryllium has been detected at a concentration exceeding the R DEC in two other site samples: one sample in AOC 1 and one sample collected from boring location 35-SB488, which is located at the southeast corner of the site. A 95% UCL calculation performed using a data set of site soil samples indicated a 95% UCL well below the R DEC of 2 mg/kg.

Select metals have been detected by SPLP or toxicity characteristic leaching procedure (TCLP) analysis at concentrations exceeding the GB PMC. These metals include cadmium (Y9-SB359) and lead (discussed above). Antimony has been detected in one location (AA8-SB274) at a concentration exceeding the GA PMC, but not the GB PMC. The highest mass and TCLP concentrations of cadmium in AOC 1 were detected in a sample collected from boring location Y9-SB359. In groundwater collected from monitoring well MW-Y9, neither cadmium nor lead have been detected at concentrations above the GWPC or SWPC. Antimony was detected at a concentration exceeding the GWPC in one sample collected from MW-Y9; however, more than four quarters of compliant data have since been collected. Based on groundwater data, compliance with GB PMC for lead and cadmium is established in AOC 1. Based on the above, metals in soil comply with the PMC outside the areas of Fields 3 and 4. A summary of groundwater analytical data from 2013 to 2020 is provided as **Table 3-3**.

Metals including arsenic, barium, copper, and zinc are consistently detected at concentrations exceeding the SWPC in monitoring wells screened within fill materials. Arsenic, barium, copper, and zinc have not been detected in unsaturated zone soils at concentrations exceeding the GA or GB PMC. In monitoring wells at the boundary of AOC 1 and immediately upgradient of Western Brothers Brook, including MW-P7, MW-P11, MW-S15, MW-Y9, MW-AE8, and MW-V18, four quarters of SWPC compliant groundwater data for metals have been collected. SWPC exceedances identified in groundwater between June 2018 and November 2020 are shown on **Figure 3-9**.

Metals present at concentrations exceeding the R DEC and arsenic present at concentrations greater than background criteria in accessible soil will be remediated as part of the remediation plan presented in **Section 6.1**.

3.1.2.5 PCBs

PCBs are present throughout soils in AOC 1 at concentrations exceeding the R DEC and GB PMC. Stack charts depicting PCB concentrations at various depth intervals in AOC 1 are provided in **Figures 3-2 and 3-3**. **Figure 3-4** is provided to show only surficial samples collected throughout AOC 1 and analyzed for PCBs. GA PMC exceedances of PCBs analyzed by SPLP are depicted on **Figure 3-6**. Locations where SPLP concentrations exceed GB PMC are depicted on **Figure 3-7**.

PCB concentrations in groundwater at the site exceed the SWPC in AOC 1 in monitoring wells screened in fill material. PCB concentrations in groundwater attenuate quickly with distance from the source area, due to the strong tendency for PCBs to sorb to aquifer solids, which retards their transport. Groundwater concentrations of PCBs at monitoring wells adjacent to surface water bodies are below the SWPC. PCBs are intermittently detected in groundwater at concentrations an order of magnitude below RSR criteria beyond the boundary of AOC 1. In monitoring wells at the boundary of AOC 1 and immediately upgradient of Western Brothers Brook, including MW-P7, MW-P11, MW-S15, MW-Y9, MW-AE8, MW-AL10, MW-AP11, and MW-V18, PCBs are not present in groundwater at concentrations exceeding the SWPC, and four quarters of compliant groundwater data have been collected. SWPC exceedances identified in groundwater between June 2018 and November 2020 are shown on **Figure 3-9**.

Remedial alternatives to address PCBs in AOC 1 are evaluated in **Section 4**.

3.2 AOCs 3, 5, 6, and 9

AOCs 3, 5, 6, and 9 comprises an area where localized impacts associated with these various AOCs have been identified and will be addressed as a whole for the purposes of remediation. AOC 3 consists of the area around a 1,000-gallon fiberglass-reinforced plastic diesel UST that fuels the emergency generator and is located north of the fenced transformer area. AOC 5 consists of the area surrounding the oil-fired equipment, floor drains, and an oil/water separator (OWS) in the school's boiler room, as well as areas between Wing B of the school and West Brothers Brook that could have been affected by releases in this area. This latter area is co-located with portions of AOCs 3, 6, and 9. AOC 6 includes the current and former transformers at the site. The current transformer (installed in 2005/2006) is located adjacent to the former transformer in a secure enclosure at the southern end of the western parking lot. AOC 9 consists of the former residences that were present at the site prior to construction of the high school, and one of the former residences was present in the vicinity of AOCs 3, 5, and 6. Updated conceptual site models for each of the individual AOCs were presented in the Completion of Investigation Report (AECOM, 2019b). AOC footprints and sample locations are shown on **Figure 3-15** and analytical data are provided in **Table 3-4**.

Multiple investigations have indicated that localized impacts of PCBs, ETPH, lead, and arsenic are present in this area. A summary of COCs identified in this area is presented below.

3.2.1 ETPH

ETPH concentrations in the soil sample collected from 5 to 6 feet bgs from boring V21-SB345 exceed the R DEC and GA PMC. This sample was further analyzed by SPLP analysis and results indicated that leachable ETPH is not present at levels above the GWPC. V21-SB345 is bound laterally by V21A-SB401, V21-SB600, and V21-SB601, indicating that the ETPH impact is localized. ETPH impacts at this location are co-located with lead and arsenic impacts. This sample is located under asphalt, immediately adjacent to of the UST associated with AOC 3. Compliance with the R DEC for ETPH impacts in this area can be obtained through an ELUR to be recorded at the site which will maintain inaccessible soil.

3.2.2 Metals

Lead impacts have been identified in samples collected from borings S21-SB609, V21-SB345, V21-SB601, and V21-SB700. R DEC exceedances are limited to two locations. Lead was detected in surface soil at boring V21-SB700 at a concentration of 1,600 mg/kg and in deeper soil at V21-SB345 at a concentration of 1,400 mg/kg. V21-SB700 is located in grass while V21-SB345 is located beneath asphalt. Leachable lead concentrations analyzed by SPLP analysis exceeded GB PMC at each of the four locations.

Arsenic impacts in exceedance of the R DEC have been identified in samples T22-SB158 and V21-SB345. The sample with the highest arsenic concentration of 102 mg/kg, collected from V21-SB345, was also analyzed for leachable arsenic. The reported leachable arsenic concentration was below the GA PMC and GB PMC.

MW-U20 was installed downgradient of AOC 3 to evaluate metals impacts to groundwater. Lead has not been detected at concentrations above the GWPC or SWPC. However, arsenic has been detected at concentrations above the SWPC.

SPLP lead concentrations at S21-SB609 exceed the GB PMC. Because this sample is located beneath asphalt, groundwater data immediately downgradient of it cannot be compared to groundwater criteria to establish PMC compliance. However, given that the mass concentration of lead detected at S21-SB609 is far lower than the concentrations found at V21-SB601 and V21-SB700, and lead concentrations in groundwater samples collected from the well local to V21-SB700, MW-U20, do not exceed the GWPC or SWPC, it is inferred that lead impacts at S21-SB609 are not leaching into groundwater and compliance with the GB PMC exists. It is anticipated that compliance with the SWPC for arsenic across the site will be obtained following remediation.

Compliance with the R DEC for lead and arsenic found in deeper soils will be obtained by maintaining deeper soil as inaccessible through the institutional control of an ELUR. The remedial approach to address shallow lead impacts at V21-SB700 is described in **Section 6.3**.

3.2.3 PCBs

PCBs were found to exceed the R DEC in one sample (U21-SB701) collected during the 2018 Data Gaps Investigation. This sample is located immediately west of the transformer pad, and it is delineated by soil boring U21-SB704 to the south, U21-SB347 to the west, and U21A-SB436 to the north. While vertical delineation was not performed, the low concentration (1.25 mg/kg) and the absence of visible staining on the pad suggest that the vertical extent of PCB impacts is limited at this location. PCBs have also been detected in surficial soil at concentrations greater than 1 mg/kg at nearby sample locations SS-248 and SS-249 although these impacts are believed to be associated with historical fill material placed at the site (AOC 1).

The remediation plan for PCBs at U21-SB701, SS-248, and SS-249 is described in **Section 6.2**.

3.3 AOC 8 – Pesticide Use

AOC 8 was identified as areas associated with historical use of pesticides and herbicides at the site. Following detection of elevated pesticide concentrations in the area north of Cider Mill Pond, this area became a focus of investigation for pesticide impacts. Based on a more comprehensive review of the data, it is believed that the pesticide impacts at this location are related to the former residence (AOC 9) that was located adjacent to this area. The pesticide detected in this area was chlordane, which was commonly used for termite treatment, such as in the wood-frame residence that was formerly located in this area (USEPA, 2000).

Chlordane concentrations in soil samples from this AOC have exceeded the R DEC, GA PMC, and in some cases, the significant environmental hazard (SEH)-reporting threshold for surficial soil. In addition to pesticides, soil samples collected from this area contained ETPH, PAHs, and metals at concentrations below applicable RSR criteria. The Human Health Risk Assessment (HHRA) for the site developed a Preliminary Remedial Goal (PRG) for chlordane of 10.8 mg/kg. This was based on exposure of a maintenance worker to surficial soil between 0 to 1-foot bgs. An interim, risk-based remedial action was performed in this area in 2014 to remove pesticide impacted soils and abate the SEH. Following remediation, chlordane concentrations at some locations remained greater than the R DEC but were less than the SEH-reporting threshold.

The 2014 excavation did not address PMC exceedances. The primary goal was to remove soil having pesticide concentrations above the SEH threshold, as delineated by prior sampling. Post-remediation sampling was conducted to verify removal of soils containing concentrations exceeding the SEH threshold. Additional investigation work was performed in this area in 2018 to delineate the extent of pesticide impacts above the R DEC and GA PMC as part of the comprehensive site investigation under the VRP. During the investigation, additional impacts above the SEH threshold, as well as the R DEC and GA PMC were identified. Pesticide impacts above the SEH threshold were excavated and disposed of off-site during the Phase I remediation in 2020. Following Phase I remediation, soil impacted with chlordane at concentrations greater than the R DEC remains in this area. Sample locations in AOC 8 near Cider Mill Pond are shown on **Figure 3-16**, and analytical data are provided in **Table 3-5**. Sitewide sample locations and criteria exceedances of pesticides are shown on **Figure 3-17**. **Figure 3-17** also shows the footprints of the former residences (AOC 9).

Dichlorodiphenyltrichloroethane (DDT) and its metabolites, Dichlorophenyldichloroethane (DDD) and Dichlorophenyldichloroethylene (DDE), have been detected over much of the site at relatively low concentrations. Where total DDT has been detected, concentrations are above the recommended APS GA PMC of 3 micrograms per kilogram (DEEP, 2018). Samples collected in 2018 were analyzed for leachable pesticides by SPLP, and some results for chlordane have exceeded the GWPC. Groundwater monitoring wells were subsequently installed in strategic locations to further assess pesticide impacts to groundwater. Groundwater samples from select monitoring wells have been analyzed for pesticides during quarterly groundwater monitoring since September 2018. Pesticides have not been detected above laboratory reporting limits in any groundwater samples collected through November 2020. It is anticipated that PMC compliance for pesticides will be demonstrated through groundwater monitoring in accordance with RCSA 22a-133k-2(b)(4)(C).

MW-H29 was installed immediately north of Cider Mill Pond in December 2019 to evaluate for pesticides in groundwater in AOC 8. Pesticides have not been detected above laboratory reporting limits although arsenic has been detected at concentrations exceeding the SWPC and ETPH above the GWPC in groundwater samples collected from well MW-H29.

A request for site-specific alternative R DEC for chlordane and heptachlor epoxide has been submitted to DEEP. Alternative R DEC values for chlordane and heptachlor epoxide were derived for current and future human receptors and exposure scenarios including maintenance workers, school staff members, high school students, and adult and child recreational users in accordance with the methods and equations given in the RSRs [22a-133k-2(b)(5)(B)] and the associated technical support document (DEEP, 2018). The alternative risk-based R DEC developed for chlordane is 6.4 mg/kg and 0.25 mg/kg for heptachlor epoxide.

A 95% UCL calculation was performed for this area to demonstrate compliance with the alternative R DEC. The release area includes shallow samples in the grass area north of Cider Mill Pond. A 95% UCL of 1.271 mg/kg for chlordane and 0.0348 mg/kg for heptachlor epoxide were calculated. The results of this calculation indicate that chlordane concentrations, while above the default R DEC are well below the alternative R DEC, and heptachlor epoxide concentrations are less than both the default and alternative DEC.

3.4 AOC 13 – Southern Area

AOC 13 is the southern portion of the site (south of Brothers Brook) and includes an area where elevated arsenic levels in soil were previously identified. Elevated arsenic concentrations in soil have generally been identified in surficial soil (0 to 2 feet bgs) in areas that were historically undeveloped wooded areas. This area was largely undeveloped prior to the school constructing athletic facilities (i.e., tennis courts and football stadium) in this area, aside from four residences. ETPH, PAHs, metals, PCBs, and pesticides were detected in soil samples associated with this area. In addition to arsenic, ETPH, PAHs and pesticides have also been detected at concentrations above the R DEC, GB PMC, and/or GA PMC in one or more samples. Arsenic has also been detected at concentrations exceeding the SWPC in groundwater collected from monitoring wells located in the Southern Area and in other portions of the site.

In 2014, an IRM was conducted in this area to excavate arsenic-impacted surficial soil (i.e., zero to one-foot bgs) from six areas and benzo (a) pyrene-impacted surficial soil from four areas. For the arsenic remediation, DEEP concurred with the use of an alternative clean-up criterion of 20 mg/kg for the excavation areas, subject to certain conditions (i.e., establishment of vegetation or mulching of backfilled areas and implementation of institutional controls to maintain current uses and prohibit intrusive activities in areas where post-remediation arsenic concentrations exceed the R DEC). An evaluation of arsenic data performed in 2020 for the site outside of AOC 1 (where non-native fill is known to have been placed) indicates that the background concentration for arsenic is 25 mg/kg. A formal request for site-specific background concentration for arsenic of 25 mg/kg was submitted to the DEEP in January 2021. A total of five post-excavation samples collected during the 2014 IRM contain arsenic at concentrations greater than 25 mg/kg. In 2014, these samples were left in place beneath clean soil and mulch per the DEEP approval. Five samples from this AOC have been analyzed for leachable metals. Arsenic was only detected in one sample collected from this AOC and the result was an order of magnitude below the GA PMC. Soil samples for which arsenic has been detected in exceedance of background criteria are shown on **Figure 3-14**.

During the 2014 IRM, three post-excavations samples in benzo(a)pyrene area were found to have benzo(b)fluoranthene at concentrations exceeding the R DEC, GA PMC, and GB PMC and remain in place. Benzo(b)fluoranthene impacts which exceed applicable criteria were addressed by performing a 95% UCL calculation. The release area includes samples in the area of the 2014 IRM excavations in surficial soils. A 95% UCL of 720.5 ug/kg was calculated for benzo(a)fluoranthene which demonstrates compliance with the R DEC and PMC of 1,000 ug/kg.

Beryllium has been detected at a concentration exceeding the R DEC in one sample in AOC 13 collected from boring location 35-SB488 in AOC 13. As noted in **Section 3.1.2.4**, a 95% UCL calculation performed using a data set of site soil samples indicated a 95% UCL well below the R DEC.

Soil sample locations associated with AOC 13 are shown on **Figure 3-18**. Sitewide R DEC and GB PMC criteria exceedances are shown on **Figures 3-19 and 3-20**, respectively. Soil analytical for samples collected in AOC 13 are provided on **Table 3-6**.

Lead has been detected at concentrations exceeding the SWPC in groundwater samples collected from MW-35, which is located along Hillside Road. Intermittent detections of arsenic and copper at concentrations exceeding their respective SWPC have also been identified at MW-35 while ETPH was detected in exceedance of the GWPC during one sampling event. This suggests the possibility of a historical gasoline release in the area. Arsenic concentrations in groundwater samples from the other two wells located in AOC

13, MW-28 and MW-N22, are in compliance with the SWPC. It is anticipated that sitewide SWPC compliance for arsenic will be addressed following remediation. SWPC exceedances identified in groundwater between June 2018 and November 2020 are shown on **Figure 3-9**.

No further remediation is planned in this area at this time.

3.5 AOC 14 – Parking Lots

AOC 14 includes the paved parking and roadways at the site. COCs for this area include VOCs, ETPH, PAHs, and metals. ETPH and PAHs concentrations exceeded the R DEC and GA PMC in two or more samples. Some impacted soil was removed as part of the MISA construction activities.

Soil impacted by ETPH at concentrations exceeding applicable criteria remains at three locations.

Sample AH29-SB231(0.4-0.6') was collected from immediately below asphalt and contained ETPH concentrations above the R DEC and GA PMC. PAHs were not detected in this sample, and metals concentrations are generally consistent with background levels and below applicable RSR criteria. This sample is bound by samples where ETPH was not detected. Given the absence of an alternate source, the ETPH appears to be an incidental source related to the pavement and is exempt from the R DEC and GA PMC.

Sample AW32-SB254(2-4') contained concentrations of ETPH and PAHs above the R DEC, GA PMC, and GB PMC. This sample was further analyzed by SPLP. PAHs were not detected in SPLP extract at concentrations exceeding the GWPC x10. It is bound laterally by samples where ETPH and PAHs were not detected. Due to the localized nature of these impacts, their location beneath pavement and the COCs present, it is determined that the impacts are associated with paving operation and/or incidental releases from motor vehicle operations. Therefore, impacts at this location are exempt from the GA PMC and R DEC.

Sample D10-SB242(6-6.5') contained concentrations of ETPH above the R DEC. It is bound laterally by samples where ETPH was not detected. According to the log for this boring, the sample was collected below the water table. Therefore, the PMC does not apply. However, a sample was collected from this area and analyzed for SPLP ETPH to evaluate the potential for groundwater impacts. Leachable ETPH was not detected in the sample. A shallow sample (0.3-4') at this location was non-detect for ETPH.

Sitewide R DEC and GB PMC criteria exceedances are shown on **Figures 3-19 and 3-20**, respectively. Sample locations associated with AOC 14 are shown on **Figure 3-21**. Soil analytical for samples collected in AOC 14 are provided on **Table 3-7**.

It is anticipated that impacted soil located underneath asphalt will be rendered inaccessible by an ELUR to comply with the DEC.

4.0 AOC 1 Remedial Alternatives

This section presents a comparison of remedial alternatives to address contamination in AOC 1. The remedial approach for addressing the other area of the site requiring remediation, AOCs 3, 5, 6, and 9, is presented in **Section 6.2**.

Remedial alternatives evaluated to achieve remedial goals for AOC 1 include:

- Excavation to achieve remediation to numerical criteria
- Excavation and capping to achieve risk-based remedial goals

The following assumptions were made in the development and cost estimating associated with these remedial alternatives:

- All site restoration activities will be consistent with current site use. The site will continue to function as a high school and all athletic fields and parking lots will be restored to current conditions. The high school buildings will remain in place.
- Active remedial measures involving the excavation and transportation of contaminated soil will be limited to the summer recess due to the following constraints:
 - Regular school activities require full use of parking lots and traffic flow ways cannot accommodate trucking operations; and
 - There is not enough time available to perform active remedial measures during mid-school year vacations because adequate time is not available to mobilize, demobilize, and restore the site and to perform the remediation.
- Additional monitoring, such as the collection of groundwater samples, can be performed during mid-school year vacations or even during periods of active use of the site.
- 20 to 25 trucks could be utilized to haul waste from the site daily as a maximum, with an equal number of trucks used to bring clean backfill to site. Each truck can haul 22 tons (limited by weight restrictions for travel on State roads); therefore approximately 400 to 500 tons could be removed daily and equivalent quantities of backfill would be brought to the site.
- For excavations which extend below the water table, only approximately 250 tons (or less could be removed daily.
- The estimated time to perform the remedial work is calculated by dividing the total amount of soil to be removed by the amount of soil that can be removed each construction season.
- Costs have not been estimated for relocating school operations from the property but are assumed to be significant, and no alternative site in the Town is available for use.
- Dewatering, treatment of the effluent with sand filters and carbon, storage, testing, and discharge to sanitary sewer is assumed for excavations performed at depths intersecting the groundwater table.
- Site restoration activities including the construction of the artificial turf fields may be performed during the school semester.

Table 4-1 provides a summary of the costs under each of the remedial alternatives. The total cost estimated uses the assumptions listed above and costs for services, labor, materials and equipment such as soil disposal, backfill, and site restoration. Detailed quantity, pricing, and cost estimate tables are provided in **Appendix B** for each of the remedial alternatives. All of the remedial alternatives will require some level of operation, monitoring and maintenance following their implementation and those costs have been estimated as well. Potential cost ranges have been included because, over the period of remediation, there may be changes

in the costs for services, labor, materials and equipment that could lead to changes in the final cost of the project. Additional changes in costs may result from changes in quantities and unknowns that may be encountered during remediation. A description and cost-benefit analysis are provided for each alternative in the sections below.

4.1 Evaluation Criteria for Remediation Alternatives

Each remedial alternative (Scenarios 1-3) is evaluated against two threshold criteria and seven balancing criteria. Threshold criteria must be met for a remediation alternative to be considered feasible. Balancing criteria are used to further evaluate the practicality of each remediation alternative. The evaluation criteria are discussed below.

- Overall Protection of Human Health and the Environment – A threshold criterion that considers how the remediation alternative prevents or mitigates potential risks.
- Compliance with Applicable Regulations – A threshold criterion that addresses whether the remediation alternative will meet cleanup criteria established by applicable regulations, including the Connecticut RSRs and TSCA.
- Long-term Effectiveness and Permanence – An evaluation of the magnitude of residual risk remaining after implementation of the remediation alternative and the reliability of any controls requires to reduce the risk.
- Reduction of Toxicity, Mobility, or Volume – An evaluation of the ability of the remediation alternatives to reduce the amount of impacted materials present or prevent further releases or migration of contamination.
- Short-term Effectiveness – An evaluation of the time until the remediation alternative can be completed and effectiveness of measures required to remain protective of the community and site workers during the implementation of the remedial alternative.
- Implementability – An evaluation of the anticipated ability to permit, construct, operate, and monitor a remedial alternative.
- Cost-Effectiveness – An evaluation of the costs associated with a remedial alternative which includes costs to implement the alternative and costs for long-term operation and maintenance of the alternative.
- Regulatory Acceptance – An evaluation of potential acceptance by State and federal regulatory authorities based upon historical precedence.
- Community Acceptance – An evaluation of potential impacts to the community and the anticipated response of the community based upon historical comments received from the public.

4.2 Scenario 1 – Remediation to Self-Implementing Standards

The self-implementing standards alternative includes the removal of soils exceeding the applicable state screening criteria in accessible soils. Removal of these soils would also comply with TSCA self-implementing standards for high occupancy soils. The term “accessible” is defined as the top two feet of soils underlying contact-limiting surfaces (bituminous pavement and artificial turf systems), and the top four feet of soils in areas with natural cover (primarily grass at the site). This remedial alternative would also include the removal of PCB source materials for groundwater impacts and achieve compliance with federal and state groundwater standards by elimination of the groundwater plume beneath the athletic fields. **Figure 4-1** presents the areas that would be remediated under this alternative.

Implementation of the self-implementing alternative would involve:

- Removal of all soil containing PCBs greater than the Industrial/Commercial (I/C) DEC (10 mg/kg);
- Removal of all soil containing PCBs greater than the R DEC (1 mg/kg) in the upper 4 feet of soil if the area is covered with grass and in the upper 2 feet of soil if the area is covered with pavement or artificial turf;

- Removal of soil above the seasonal high groundwater table with leachable PCBs that exceed the GB PMC.

Removal of PCB impacts to these levels is anticipated to remove source materials associated with groundwater impacts. Under this remedial scenario, the excavation and removal of a total of 145,000 tons of soil is estimated. The total area to be excavated is 330,000 square feet and excavation depths will range from 1 to 15 feet bgs. Groundwater is approximately 3 to 5 feet bgs and extensive dewatering and treatment of dewatering effluent prior to discharge or disposal would be required. In addition, excavations to these depths would require engineering methods (e.g. sloping and/or shoring) to maintain the safety of excavation sidewalls. Soil excavated from beneath the groundwater table will need to be dewatered and dried before it can be loaded for transportation offsite.

Restoration of the site following excavation would involve the import of clean backfill to fill the excavations. It is estimated that an equivalent amount of backfill would be required to backfill the excavation. The surface of the excavations would be restored to current conditions. Specifically, Fields 2 and 5 would be restored as natural grass fields, Fields 3 and 4 would be restored as artificial turf fields and the Western Parking Lot would be repaved.

4.2.1 Protection of Human Health and the Environment

This alternative is considered to be protective of human health and the environment. All PCB impacts in accessible soil would be removed from AOC 1. Clean backfill would be used to restore these areas to current conditions. The potential source for groundwater contamination would be removed. Remediation is not to “background” concentrations and PCBs greater than 1 mg/kg but less than 10 mg/kg below 4 feet bgs in grass areas and below 2 feet bgs in areas covered by turf or asphalt would remain. Potential exposures to these impacted materials would be limited by:

- Land use restrictions that would limit intrusive activities and that would require protective measures to be employed if impacted materials were to be contacted.
- Groundwater monitoring for the duration of time that impacted materials are left in place and evaluation of data to determine that chemicals are not migrating.
- Inspection and maintenance of the soil, artificial turf, or asphalt cap over impacted materials left in place in order to maintain the integrity of the barriers.

4.2.2 Compliance with Applicable Regulations

This alternative complies with 40 CFR §761.61(a) under the following conditions:

- Inspection, maintenance and monitoring are performed and indicate no change in site conditions or migration of impacts left in place.
- Additional corrective measures are taken if inspection or monitoring indicates that they are necessary.
- Long-term monitoring of groundwater indicates continued compliance with the applicable standards.

4.2.3 Long-Term Effectiveness and Permanence

This alternative is considered to be permanent and effective over the long term because the extent of remediation and amount of impacted soil removed are far greater than other alternatives. Post-remediation groundwater monitoring would be performed to verify that the remediation was complete. Following completion of remediation, an ELUR would be required to maintain the clean soil cap established in the upper 4 feet in grass areas and artificial turf or 2 feet under asphalt.

4.2.4 Reduction of Toxicity, Mobility, or Volume

Significant reduction in the toxicity, mobility and volume of impacts would be achieved because of the extensive removal of impacted soil. In addition, it is anticipated that groundwater impacts would be remediated because the source materials for these impacts would be removed. Removal of these source materials would greatly reduce the potential mobility of chemical impacts.

4.2.5 Short-Term Effectiveness

This alternative is considered the least effective in the short-term. If remediation of the site is primarily limited to summer breaks, it is estimated that remediation would require a 15-year period. During active remediation, control methods would be implemented to be protective of the community and site workers during the entire period of implementation for this remedial alternative. However, performing remediation activities during the school year would result in risks to students and faculty safety considering the extensive amount of trucking required to ship soil off-site for disposal.

Because of the length of time needed to fully implement this remedial alternative and the risks associated with performing extensive subsurface work at a high school, this scenario is considered to be the least effective in the short-term.

4.2.6 Implementability

This alternative is considered the most difficult to implement for the following reasons:

- It would take approximately 15 years to complete the remediation if working only during summer breaks.
- It would require that school and athletic operations be moved from the site during these remediation periods.
- Athletic facilities would remain out of service for extended periods of time, requiring the construction of new facilities elsewhere in the town, which is likely infeasible given the limited availability of open space, and affecting the ability of the school to function fully for the foreseeable future.
- Extensive dewatering and treatment of dewatering effluent prior to discharge or disposal would be required because excavations would extend beneath the groundwater table.
- The estimated production rate for excavation is high and may be difficult to meet and it is dependent upon good weather conditions and securing enough trucks to haul wastes and backfill.
- This remedial alternative would involve extensive disruption of the site and surrounding community.

4.2.7 Cost Effectiveness

The total estimated cost for the self-implementing remedial alternative is \$108,000,000 in remediation and restoration costs plus millions of dollars in ancillary costs to the town related to replacing the school facilities that are put out of commission during the period of work. The estimated cost range for this alternative is \$75,000,000 to \$160,000,000. This is the most expensive alternative and is not considered to be cost effective. A detailed cost estimate for this scenario is provided in **Appendix B**.

4.2.8 Regulatory Acceptance

This remedial alternative is likely to be considered acceptable to Agencies as long as:

- A long-term maintenance and monitoring plan is designed and implemented;
- Corrective measures are performed, if needed;

- Permits necessary to perform the work are obtained; and
- Comments received from the public are considered in the design and implementation of this remedial alternative.

4.2.9 Community Acceptance

This alternative would have the greatest impacts on the community as it would involve extensive subsurface work at the high school and large numbers of heavy trucks on local roads daily for many summer periods. In addition, the school buildings could not be used, and the grounds would be closed to public use each summer break for the duration of the effort. Since extensive earthwork would be required under the athletic fields, it is anticipated that for multiple years, the fields would not be available for use between summer breaks. The loss of athletic fields for years at a time and the significant disruption to regular school functions would be considered unacceptable to the community.

If remedial work were performed continuously throughout one mobilization, the duration of work would be shorter, however, alternative school facilities and athletic fields would be needed. Moving the school and athletic facilities is not considered feasible and would be prohibitively expensive, and therefore this alternative would likely prove unacceptable to stakeholders.

4.3 Scenario 2 – Remediate to 1 mg/kg in the top 2 Feet and 500 mg/kg Elsewhere

This risk-based alternative consists of removing the top two feet of soils in areas where PCB concentrations in soil samples from this depth interval exceeded 1 mg/kg and removing soils where PCB concentration in samples at any depth interval exceeded 500 mg/kg. An impermeable barrier would be placed beneath artificial turf fields to prevent stormwater from contacting underlying contaminated soil. It is anticipated that the removal of high concentration source materials would reduce contaminant concentrations in groundwater. **Figure 4-2** shows areas to be remediated under this alternative.

Implementation of this risk-based alternative in AOC 1 would involve:

- Removal of PCBs in soil greater than 1 mg/kg to a depth of 2 feet and capping of remaining impacted soil in place;
- Removal of PCBs in soil greater than 500 mg/kg and capping of remaining soil in place.
- Installation of an impermeable barrier primarily under turf Fields 3 and 4 to prevent the infiltration of stormwater.
- Installation of a passive groundwater recovery network to prevent contaminated groundwater from discharging to the West Brothers Brook.

Soil removal performed under this alternative will greatly reduce the risk posed by PCB impacts; however, future intrusive site activities (e.g. utility construction) and some field maintenance activities will be restricted or will only be performed with restrictions to limit exposures and to allow for proper excavation and disposal.

Under this remedial scenario, the excavation and removal of a total of 68,000 tons of soil is estimated. The total area to be excavated is 260,000 square feet and excavation depths will range from 1 to 13 feet bgs. Groundwater is approximately 3 to 5 feet bgs and extensive dewatering and treatment of dewatering effluent prior to discharge or disposal would be required. In addition, excavations to these depths would require engineering methods (e.g. sloping and/or shoring) to maintain the safety of excavation sidewalls. Soil excavated from beneath the groundwater table will need to be dewatered and dried before it can be loaded for transportation offsite.

Restoration of the site following excavation would involve the import of clean backfill to fill the excavation. It is estimated that an equivalent amount of backfill would be required to backfill the excavation. The surface of the excavation would be restored to current conditions. Specifically, Fields 2 and 5 would be restored as natural

grass fields, Fields 3 and 4 would be restored as artificial turf fields and the Western Parking Lot would be repaved.

4.3.1 Protection of Human Health and the Environment

This alternative is considered to be protective of human health and the environment even with impacted soil being left in place. Potential exposures to these impacted materials would be limited by:

- Land use restrictions that would limit intrusive activities and that would require protective measures to be employed if impacted materials were to be contacted. The one-foot barrier would significantly reduce risk for most site uses, but land use restrictions would have to be maintained for this measure to be fully protective.
- Groundwater monitoring and monitoring of turf field drainage outfalls to West Brothers Brook for the duration of time that impacted materials are left in place and evaluation of data to verify that chemical concentrations in excess of relevant standards is not migrating.
- Inspection and maintenance of the artificial turf and soil cap over impacted materials left in place in order to maintain the integrity of those barriers.
- Inspection and maintenance of the Western Parking Lot which will cover impacted materials left in place within the top 2 feet.
- Installation, operations, and maintenance of a passive groundwater recovery system to treat impacted groundwater ex-situ, preventing the migration of impacted groundwater to the West Brothers Brook.

4.3.2 Compliance with Applicable Regulations

This alternative complies with applicable regulations under the following conditions:

- Inspection, maintenance and monitoring are performed and indicate no change in site conditions or migration of impacts left in place.
- Additional corrective measures are taken if inspection or monitoring indicates that they are necessary.
- To comply with Connecticut state regulations variances from some provisions of the RSRs would be required.

4.3.3 Long-Term Effectiveness and Permanence

Following completion of remediation, an ELUR would be required to maintain the clean soil cap established in the upper 2 feet in grass areas or under asphalt and turf. An EC would be required to environmentally isolate and prevent contact with soil where COCs exceed RSR criteria under a clean soil, impermeable liner, or asphalt cap. It is anticipated that the site uses associated with Fields 3 and 4 and the Western Parking Lot, where the majority of contamination is located, will not change in the future. Therefore, inaccessibility of soils beneath the artificial turf and asphalt will be maintained with provisions to allow general maintenance and replacement activities. This alternative is effective in the long-term and permanent as long as the monitoring, inspection, and maintenance program is implemented.

4.3.4 Reduction of Toxicity, Mobility, or Volume

Reduction in the toxicity, mobility and volume of impacts would be achieved because of the removal of impacted surface soil and deeper soil impacted with high concentrations of PCBs. This removal action would

include all accessible soil with impacts and would realize a significant reduction in risk for current and future site uses.

In addition, it is anticipated that groundwater impacts would be remediated because the source materials for these impacts would be removed. Removal of these source materials would greatly reduce the potential mobility of chemical impacts.

4.3.5 Short-Term Effectiveness

This alternative is considered to be moderately effective in the short-term. If remediation of the site is limited to summer breaks it is estimated that remediation would be performed over a 6-year period. Control methods would be implemented to be protective of the community and site workers during the entire period of implementation for this remedial alternative. However, because of the length of time needed to fully implement this remedial alternative, it is considered to have limited effectiveness in the short-term.

4.3.6 Implementability

This alternative is considered to be one of the most difficult to implement for the following reasons:

- It would take approximately 6 years to complete the remediation if working only during summer breaks and it would require that school and athletic operations be moved from the site during these remediation periods.
- Extensive dewatering and treatment of dewatering effluent prior to discharge or disposal would be required because excavations would extend beneath the groundwater table.
- The estimated production rate for excavation is high and may be difficult to meet and it is dependent upon good weather conditions and securing enough trucks to haul wastes and backfill.
- This remedial alternative would involve extensive disruption of the site and surrounding community.

4.3.7 Cost Effectiveness

The total estimated cost for the self-implementing remedial alternative is \$47,000. The estimated cost range for this alternative is \$33,000,000 to \$70,000,000. This remedial alternative is not considered to be cost effective. A detailed cost estimate for this scenario is provided in **Appendix B**.

4.3.8 Regulatory Acceptance

This remedial alternative is likely to be considered acceptable to Agencies as long as:

- A long-term maintenance and monitoring plan is designed and implemented;
- Corrective measures are performed, if needed;
- Permits necessary to perform the work are obtained; and
- Comments received from the public are considered in the design and implementation of this remedial alternative.

4.3.9 Community Acceptance

This alternative would have a significant impact on the community as it would involve extensive subsurface work at the high school and large numbers of heavy trucks on local roads daily for approximately six summers. In addition, the school buildings could not be used, and the grounds would be closed to public use each summer break for the duration of the effort. Since extensive earthwork would be required under the athletic fields, the fields would not be available for use during the school year for approximately six years. The loss of

athletic fields for years at a time and the significant disruption to regular school functions would likely be considered unacceptable to the community.

Community acceptance of leaving impacted materials in place at the site would be required before the remedial alternative could be employed.

4.4 Scenario 3 – Excavation, Impermeable Cap, and Asphalt Cap

This risk-based alternative consists of removing the top two feet of soils with natural cover (grass and vegetation) in areas where PCB concentrations in soil samples from this depth interval exceeded 1 mg/kg and removing shallow soils where high concentration PCBs are present. An impermeable barrier would be placed beneath artificial turf fields to prevent stormwater from contacting underlying contaminated soil. The impermeable barrier will prevent the infiltration of stormwater to the areas of high PCB concentrations. Under this alternative, the existing Western Parking Lot will serve as a cap. **Figure 4-3** shows areas to be remediated under this alternative.

Implementation of this risk-based alternative in AOC 1 would involve:

- Removal of PCBs in soil greater than 1 mg/kg to a depth of 2 feet and capping of remaining impacted soil in place;
- Removal of high concentration-PCBs in shallow soils and capping of remaining soil in place.
- Installation of an impermeable barrier primarily under turf Fields 3 and 4 to prevent the infiltration of stormwater.
- Installation of a passive groundwater recovery network to prevent contaminated groundwater from discharging to the West Brothers Brook.

Soil removal performed under this alternative will greatly reduce the risk posed by PCB impacts; however, future intrusive site activities (e.g. utility construction) and some field maintenance activities will be restricted or will only be performed with restrictions to limit exposures and to allow for proper excavation and disposal.

Under this remedial scenario, the excavation and removal of a total of 40,000 tons of soil is estimated. The total area to be excavated is 265,000 square feet and excavation depths will range from 1 to 6 feet bgs. Groundwater is approximately 3 to 5 feet bgs; therefore, limited dewatering may be necessary.

Restoration of the site following excavation would involve the import of clean backfill to fill the excavation. It is estimated that an equivalent amount of backfill would be required to backfill the excavation. The surface of the excavation would be restored to current conditions. Specifically, Fields 2 and 5 would be restored as natural turf fields, Fields 3 and 4 would be restored as artificial turf fields and the West Parking Lot would be repaved.

4.4.1 Protection of Human Health and the Environment

This alternative is considered to be protective of human health and the environment even with impacted soil being left in place. Potential exposures to these impacted materials would be limited by:

- Land use restrictions that would limit intrusive activities and that would require protective measures to be employed if impacted materials were to be contacted. The one-foot barrier would significantly reduce risk for most site uses but land use restrictions would have to be maintained for this measure to be fully protective.
- Groundwater monitoring and monitoring of turf field drainage outfalls to West Brothers Brook for the duration of time that impacted materials are left in place and evaluation of data to determine that contamination in excess of relevant standards is not migrating.

- Inspection and maintenance of the impermeable barrier and soil cap over impacted materials left in place in order to maintain the integrity of those barriers.
- Inspection and maintenance of the Western Parking Lot which will cover impacted materials left in place within the top 2 feet.
- Installation, operations, and maintenance of a passive groundwater recovery system to treat impacted groundwater ex-situ, preventing the migration of impacted groundwater to the West Brothers Brook.

4.4.2 Compliance with Applicable Regulations

This alternative complies with applicable regulations under the following conditions:

- Inspection, maintenance and monitoring are performed and indicate no change in site conditions or migration of impacts left in place.
- Additional corrective measures are taken if inspection or monitoring indicates that they are necessary.
- To comply with Connecticut state regulations, variances from some provisions of the RSRs would be required.

4.4.3 Long-Term Effectiveness and Permanence

Following completion of remediation, an ELUR would be required to maintain the clean soil cap established in the upper 2 feet in grass areas or under asphalt and turf. An EC would be required to environmentally isolate and prevent contact with soil where COC concentrations exceed RSR criteria under a clean soil, impermeable liner, or asphalt cap. It is anticipated that the site uses associated with Fields 3 and 4 and the Western Parking Lot, where the majority of contamination is located, will not change in the future; therefore, inaccessibility of soils beneath the artificial turf and asphalt will be maintained with the exception of general maintenance and replacement activities. This alternative is effective in the long-term and permanent as long as the monitoring, inspection, and maintenance program is implemented.

4.4.4 Reduction of Toxicity, Mobility, or Volume

Reduction in the toxicity, mobility and volume of impacts would be achieved because of the removal of PCB-impacted surface soil and the removal of high concentration PCBs in most soils at depths of less than six feet. This removal action would include all accessible soil with impacts and would realize a significant reduction in risk for current and future site uses. Groundwater impacts which currently have the potential to exfiltrate through the turf field drainage system would be separated from the field drainage system and contained beneath the impermeable barrier and managed using a passive groundwater collection system. This remedy will remove the driving force of rainwater from the source area, because it will no longer infiltrate. That coupled with the immobility of the PCB plume, as demonstrated by analytical data obtained over the course of the past eight years, which have shown that PCBs in groundwater have not migrated at concentrations above applicable criteria beyond their source in the fill material, which was placed over 50 years ago.

4.4.5 Short-Term Effectiveness

This alternative is considered to be the most effective in the short-term. If remediation of the site is limited to summer breaks it is estimated that remediation would be performed over a 3 to 4-year period. Control methods would be implemented to be protective of the community and site workers during the entire period of implementation for this remedial alternative. Limiting excavation depths to 6 feet and above would require less time and reduce risks associated with shoring of deep excavations and dewatering and drying of contaminated soils as compared to other remediation alternatives.

4.4.6 Implementability

This alternative is considered moderately difficult to implement for the following reasons:

- It would take approximately 3 to 4 years to complete the remediation if working only during summer breaks and it would require that school and athletic operations be moved from the site during these remediation periods.
- Dewatering excavations may be necessary for stormwater and areas where the water table is above 6 feet bgs. This minor dewatering can be accomplished without destabilizing excavations and requiring shoring, a construction feature that would extend remediation on each field beyond on a single summer, leaving portions of the school property unusable for multiple years.
- This remedial alternative requires the installation of an impermeable liner and groundwater collection system.
- The estimated production rate for excavation is high and may be difficult to meet and it is dependent upon good weather conditions and securing enough trucks to haul wastes and backfill.
- This remedial alternative would involve moderate disruption of the site and surrounding community.

4.4.7 Cost Effectiveness

The total estimated cost for this remedial alternative is \$25,000,000. The estimated cost range for this alternative is \$18,000,000 to \$38,000,000. This remedial alternative is considered to be the most cost effective. A detailed cost estimate for this scenario is provided in **Appendix B**.

4.4.8 Regulatory Acceptance

This remedial alternative is likely to be considered acceptable to Agencies as long as:

- A long-term maintenance and monitoring plan is designed and implemented;
- Corrective measures are performed, if needed;
- Permits necessary to perform the work are obtained; and
- Comments received from the public are considered in the design and implementation of this remedial alternative.

4.4.9 Community Acceptance

This alternative would have impacts on the community as it would involve large numbers of heavy trucks on local roads daily for 3 to 4 summer periods. In addition, the school buildings could not be used, and the grounds would be closed to public use each summer break for the duration of the effort. The design process would include an assessment of the potential to phase earthwork in order to avoid the closure of both Fields 3 and 4 for the duration of the school year. Community acceptance of leaving impacted materials in place at the site would also be required before the remedial alternative could be employed. Because this remedial alternative would allow for the earliest replacement of Fields 3 and 4 and cause the least amount of disruption to school and athletic activities while eliminating the potential for exposure to COCs, it is most likely to be considered acceptable by the community and stakeholders.

5.0 Recommended Remedial Approach for AOC 1

The recommended remedial approach for the site is Scenario 3 which involves the removal of shallow COC impacts, soil with high concentrations PCBs, the construction of an impermeable liner, and installation of a passive groundwater recovery system. The clean backfill used in natural grass areas would constitute a clean soil cap EC; the asphalt subgrade would constitute an EC beneath the pavement; and the impermeable liner and associated stone layer would constitute a cap beneath the playing surface of Fields 3 and 4. Implementation of this remedial alternative would allow for site fencing installed as part of the IRMs to be removed and would improve and simplify future site use. This remedial alternative is selected based upon the following evaluation:

- This alternative is protective of human health and the environment in that:
 - Impacted soil that is potentially accessible will be removed from the site and replaced with clean backfill.
 - Impacted soil remaining beneath natural grass areas and asphalt pavement will be rendered inaccessible by a clean soil cap that will function as a DEC-only Engineered Control and TSCA cap.
 - Impacted soil remaining beneath Fields 3 and 4 and the area between the Western Parking Lot and the fields will be rendered inaccessible and environmentally isolated beneath an impermeable liner that will function as an Engineered Control and TSCA cap.
 - Impacted groundwater will be contained beneath the impermeable liner, where it is currently located. PCB concentrations will attenuate due to the removal of source material and the prevention of infiltration through the liner installed beneath the turf fields. The impacted groundwater plume, which is essentially immobile due to the low solubility of PCBs, will be even less prone to migration due to the removal of rainfall that drives groundwater flow outward from the fields.
- This alternative complies with federal regulations for PCBs under §761.61(c) which provides for risk-based disposal, because it eliminates the potential for exposure to PCBs. This alternative will also comply with Connecticut state regulations which allow for the use of ECs to eliminate exposure.
- This alternative is permanent and effective in the long-term. Groundwater monitoring will be performed as long as the remaining impacted materials remain in place to confirm that impacts to groundwater are not migrating beyond AOC 1. Regular inspection and maintenance of the caps will also be performed to ensure their function.
- Significant reduction in toxicity, mobility, and volume will be achieved by this alternative, which will remove 30,000 tons of PCB-impacted soil from the site. Directly accessible and impacted soil will be removed which will provide sufficient reduction in toxicity and risk posed from these impacts. Groundwater will be contained such that the mobility of contamination via groundwater is eliminated.
- This alternative is effective in the short-term as it can be implemented within three to four years.
- This alternative is considered to be implementable because it involves moderate site disruption and restoration.
- This alternative is considered to be cost effective.
- This alternative is acceptable to regulators as long as long-term groundwater monitoring and cap inspections and repairs are performed and reported to regulators on a routine basis.
- A public communication program has been implemented to explain this remedial alternative and other options in order to engage community input and develop community acceptance.

6.0 RAP Technical Approach

Planned remediation for each of the AOCs included in this RAP is summarized below. A Remediation Plan Overview is provided as **Figure 6-1**.

6.1 AOC 1

The recommended technical approach for remediation of fill material impacts in AOC 1 is Scenario 3 (**Section 4.4**) which includes excavation of surface soil impacted with COCs, excavation of soil containing high PCB concentrations and other COCs in potentially accessible soils (up to 6 feet bgs), and the construction of various ECs to prevent access and exposure to polluted soil. Under Scenario 3, approximately 40,000 tons of soil will be excavated, of which 30,000 tons will be disposed off-site.

The proposed limits of excavation in AOC 1 are shown on **Figure 6-2**. The lateral extent of each proposed EC is shown on **Figure 6-3**. Details which show the vertical composition of the various types of ECs are provided as **Figures 6-4** through **6-6**. Cross-sections which depict the Scenario 3 technical approach, including excavation depths in the areas of Fields 3 and 4, are provided as **Figures 6-7** through **6-11**.

Draft design drawings which detail the design of the impermeable barrier are included in **Appendix C**.

The three types of ECs included in the design are the following:

1. An EC consisting (from bottom to top) of an impermeable barrier, a geocomposite, 12 inches of dense graded aggregate (DGA), and a demarcation fabric will be constructed beneath Fields 3 and 4 and the area to the east of Field 3. A smaller version will be installed in a grassy area west of the northern end of the MISA. This EC will render soil beneath the impermeable barrier inaccessible and environmentally isolated and serve as a TSCA cap.
2. A DEC-only EC consisting of 12 inches of clean soil underlying one foot of soil and natural grass in Field 2, Field 5, the area south and west of Fields 3 and 4, and grassy areas adjacent to the west side of the school building. This EC will render soil beneath the cap inaccessible and serve as a TSCA cap.
3. An EC consisting of 10 inches of asphalt subgrade underlying 4 to 6 inches of asphalt in the Western Parking Lot which, will render soil beneath the subgrade inaccessible and serve as a TSCA cap.

An EC Part I and Part II application is being submitted in conjunction with the Phase II RAP as **Appendix C**. The ECs will be maintained through recording an ELUR that prevents the disturbance of the ECs without approval from DEEP. The limits of the EC are designed to allow maintenance of overlying materials (i.e., artificial turf and stormwater infrastructure, grass and sprinkler systems, and pavement) without disturbing the ECs. The area of the TSCA cap, which includes both the ECs and areas where soil that contains PCBs at concentrations greater than 1 mg/kg, but less than 10 mg/kg has been rendered inaccessible in accordance with CGS Section 22a-133k-1(a)(32), is depicted on **Figure 6-12**.

The impermeable barrier will cover the area below artificial turf Fields 3 and 4, as well as the area between Field 3 and the Western Parking Lot. The footprint of the impermeable barrier is shown on **Figure 6-1**. The impermeable barrier will be welded into a retaining wall which will along the western edge of the Western Parking Lot. The layers of the artificial turf field restoration for Fields 3 and 4 and the area to the east (from top to bottom) are generally as follows:

1. Artificial Turf
2. 6 inches of dynamic stone base
3. Composite flat drain
4. Demarcation Fabric

5. 12 inches of DGA
6. Geocomposite
7. Membrane Liner
8. Geocomposite
9. Existing Site Soils

Details showing the layers of restoration within the footprint of the impermeable barrier are shown on **Sheet D-02 in Appendix C**.

Approximately 11,000 tons of soil to be excavated from beneath Fields 3 and 4 contains PCBs at concentrations less than 10 mg/kg and would be used to backfill deeper excavations above the water table and below the impermeable barrier, which will be installed at a depth of 1.5 feet bgs. Additionally, soil containing PCBs at concentrations of less than 1 mg/kg that was stockpiled on site during the construction of MISA is planned to be utilized as backfill following the submittal of a reuse request to DEEP.

Under this remedial approach, a portion of the top 1.5 feet of soil below the artificial turf fields and the top 2 feet of soil in natural grass areas where COC impacts have been identified will be excavated and either placed under the impermeable liner or disposed of at a facility off-site according to the designations shown on **Figure 6-2**. Following this remediation, COCs at concentrations above the R DEC which remain in the top 4 feet bgs are shown on **Figure 6-13** and remaining COCs at concentrations above the GB PMC are shown on **Figure 6-14**. R DEC exceedances below 2 feet bgs will be rendered inaccessible by a clean soil cap in grass areas and R DEC exceedances below 1.5 feet underneath Fields 3 and 4 will be rendered inaccessible by the impermeable barrier. Inaccessible soil will be maintained by an ELUR to be recorded at the site. Following completion of remediation, a post-remediation monitoring plan will be implemented as described in **Section 7.3**. The various components of the remedial design are presented below.

6.1.1 Stormwater Collection System

The stormwater collection system design is presented on design drawings in **Appendix C**. The existing slotted collection pipes on the east and west side of Fields 3 and 4 and the existing conveyance pipes on the north and south sides of Field 4 will be removed during excavation activities. New 12-inch diameter slotted collection pipes will be installed in drainage stone trenches which run along the eastern and western sides of Fields 3 and 4. The slotted pipes will be installed above the membrane to prevent groundwater from entering the field drainage system. Stormwater collected in the slotted collection pipes will be routed to new 12-inch diameter solid conveyance pipes via liner boots installed intermittently along the perimeter of the fields. The solid conveyance pipes will run in parallel with the collection piping and discharge to three new 15-inch diameter solid pipes that run from east to west (perpendicular to the fields) towards the West Brother Brook. Two of these 15-inch solid pipes will be installed as replacements for the existing pipes that discharge to West Brothers Brook at the north and south end of Field 4, and one additional 15-inch diameter solid pipe will be installed at the southern end of Field 3.

The remedial design includes the installation of additional impermeable surface between the Field 3 and the Western Parking Lot, which will result in a modest increase in stormwater runoff from the site. To address this increase in the impervious surface coverage, onsite detention will be provided to meet peak flow control requirements as defined in the Connecticut Stormwater Quality Manual (CTSQM) and the Town of Greenwich Stormwater Drainage Manual (SDM). Detention will be provided using subsurface HDPE pipes, installed in locations alongside the Fields 3 and 4 and equipped with discharge control structures before discharge to the West Brothers Brook. Further details regarding stormwater management are provided in the Site Stormwater Management Plan included as **Appendix D**.

6.1.2 Groundwater Collection System

Groundwater beneath the liner will be passively collected via a geocomposite drainage layer to prevent hydraulic pressure from destabilizing the liner. Groundwater collected in the geocomposite will be directed into collection piping and then into subsurface groundwater storage tanks. The total storage capacity of the groundwater tanks will be approximately 25,000 gallons. The locations of the groundwater storage vessels are shown on the design drawings in **Appendix C**. The passive collection system was designed based on an evaluation of multiple years of continuously logged groundwater elevation data in the area of the proposed impermeable cap. This evaluation determined that the passive drain will be located at an elevation above the water table almost all of the time. Groundwater elevation data indicate that under current conditions (i.e., prior to installation of the impermeable cap), groundwater could reach the lowest section of the impermeable liner in the vicinity of MW-Y9 (the southwest corner of Field 3) and MW-AL10 (the western edge of Field 4) during severe rain events when the water table is already elevated and that such conditions rapidly attenuate. It is expected that the impermeable liner will result in lower groundwater levels during rain events due to the liner acting as a barrier to infiltration and the addition of a new conveyance pipe at the southern end of Field 3. Details of this groundwater elevation evaluation are provided in **Appendix E**.

Due to the low volumes of groundwater recovery anticipated, groundwater that is collected by the system will be pumped-off via tanker truck for off-site treatment and disposal. If following the completion of remediation, conditions indicate that the groundwater collection tanks require pump-out more frequently than anticipated (i.e., once or twice per year), alternative methods for groundwater disposal, such as on-site treatment and discharge under a Remediation General Permit to the sanitary sewer will be evaluated.

6.1.3 Gas Vent Layer

A gas vent layer will be installed beneath the impermeable barrier as precautionary measure to prevent a buildup of gasses from exerting pressure on the impermeable barrier. This is a standard feature for impermeable liner installations to prevent build-up of gasses, which can be generated by natural processes (e.g., such as biological activity in the peat layer), which have the potential to destabilize the liner installation. Vent pipes will be installed near the fields to serve as pressure relief for the vent layer.

6.2 AOCs 3, 5, 6, and 9

The technical approach for soil impacted with lead and PCBs within the top four feet below surface is targeted excavation and offsite disposal. Approximately 12 CY of soil will be excavated to remove lead-impacted soil at V21-SB700, 1.5 CY of soil excavated to remove PCB impacts at U21-SB701, and 28 CY of soil excavated to remove PCB impacts at SS-248 and SS-249. Soil will be disposed of at an approved facility. Excavation extents are shown on **Figure 6-15**. Soil impacted with lead, arsenic, and ETPH above the R DEC and/or I/C DEC that is located at least 2 feet beneath pavement will be rendered inaccessible through the implementation of an ELUR.

7.0 Summary of Project/Scope of Work

Based on the remediation approaches discussed in **Section 6.0**, the following plan of remediation activities has been developed.

7.1 Remediation Planning

Certain elements of the remediation plan are required for all elements of the active site remediation. These are discussed in the sections below.

7.1.1 Health and Safety

All remediation work will be conducted in accordance with a site-specific HASP, which meets the requirements of 29 CFR 1910.120 and which will be specific to the types of remediation work being planned. Remediation subcontractors will be needed to perform specific activities, and on-site contractors handling impacted materials will be required to develop and follow their own HASP for their specific site activities. Visitors to the site would be covered by, and would be required to acknowledge understanding of, and willingness/ability to comply with the requirements of the overall site-specific HASP. All soil remediation work will be conducted by personnel with the appropriate level of safety training.

The objective of the HASP is as follows:

- To protect the health and safety of on-site personnel; and
- To limit exposure of the public to hazardous substances, pollutants, or contaminants.

The HASP includes the following elements:

- Brief Site Description;
- Site Safety Hazards;
- Chemical Compounds of Concern;
- Project Personnel;
- Site Training/Medical Surveillance Requirements;
- Personnel Protective Equipment (PPE) Requirements;
- Air and Dust Monitoring Requirements;
- Decontamination Procedures;
- Work Zones;
- Remediation Derived Waste /Handling/Management;
- Safety Data Sheets (SDSs) for Chemicals Used On-site;
- Emergency Response;
- Special Operations Safety Requirements;
- Emergency Resources; and
- Generic First Aid.

7.1.2 Notification and Certification

In accordance with §761.61(a)(3)(E), this RAP serves as the Notification by the Town to the EPA Region 1 Coordinator and will be provided to state (DEEP and CT DPH) and local environmental officials (Town Health

Department). Attached in **Appendix F** is a written certification, signed by a representative of the Town, the owner of the property where the cleanup site is located, indicating that all sampling plans, sample collection procedures, sample preparation procedures, extraction procedures, and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup site are on file at the location designated in the certificate and are available for EPA inspection.

7.1.3 Permitting and Approvals

Permits required to conduct the work have been reviewed. This subsection identifies the preliminary list of applicable permits based on review of State and local regulations. Groundwater will be encountered during the RAP activities; therefore, permits related to groundwater discharges are discussed below. Additional design and discussions with Agencies may identify additional permitting needs.

7.1.3.1 EPA Approval

EPA approval of a Risk Based Corrective Action (40 CFR § 761.61(c)). This Notification serves as the application for this Approval. All required information for the Notification is included within this RAP or previously submitted investigation reports.

Specific approvals requested of EPA include the following:

- Approval for in-place disposal of PCBs at concentrations greater than 1 mg/kg below the impermeable barrier;
- Approval for in-place disposal of PCBs at concentrations greater than 1 mg/kg beneath a clean soil cap of greater than 1 foot under grass-covered areas (Fields 2, 5, the area west and south of Field 3, and areas adjacent to the west side of the school building);
- Approval for in-place disposal of PCBs at concentrations greater than 1 mg/kg below pavement/concrete subgrade;
- Approval to manage soil excavated from AOCs 3, 5, 6, and 9 and in designated areas of AOC 1 which contain PCBs at concentrations greater than 1 mg/kg and less than 50 mg/kg at a licensed municipal solid waste facility in accordance with 40 CFR 761.61(a)(5)(v)(B)(2)(ii);
- Approval for an exemption from the permeability requirements referenced in 40 CFR 761.61(a)(7) for the soil cap emplaced over PCB impacted soils in natural grass areas beneath Fields 2 and 5 and surrounding Fields 3 and 4;
- Approval for alternate timing to implement the deed notice to that specified at 40 CFR 761.61(a)(8) to allow for a period of one year following the completion of remediation, due to the complexity of the Connecticut ELUR process; and

The alternate permeability requirements are requested and considered justified based on the absence of dissolved PCB impacts downgradient of AOC 1 and the pattern of groundwater impacts at the site, which indicate that groundwater concentrations in excess of the GWPC/SWPC and the decontamination standard given at 40 CFR 761.79(b)(1)(iii) are only present where contaminated materials are more extensive and contain much higher concentrations of PCBs.

7.1.3.2 DEEP Approval

DEEP has retained oversight of the investigation and remediation of this site. Therefore, the planned remedial actions summarized herein will require DEEP's approval prior to implementing the RAP. DEEP approval of the *Application for Engineered Control Variance, Part 1* and *Application for Engineered Control Variance, Part 2* for the various types of ECs will also be required to address impacted soils remaining in place in AOC 1. One EC Variance application for the three contiguous ECs is being submitted in conjunction with the RAP. Local Approvals

A portion of the planned work areas are located adjacent to wetlands. As the site is owned by the Town, AECOM and the Town Department of Public Works DPW with work with the local wetlands commission to obtain any required approvals prior to the work commencing.

7.1.3.3 DEEP Stormwater and Dewatering Permit

The DEEP General Permit for Stormwater and Dewatering Wastewaters from Construction Activities (DEP-PERD-GP-015) requires that disturbances between 1 and 5 acres meet the requirements of the stormwater general permit (GP). Disturbances of less than 1 acre do not require the filing of a permit. The area of activities proposed for remediation is estimated to be more than one acre, and therefore, a stormwater GP will be obtained. DEEP approval of the stormwater GP is presumptive. Work performed under the stormwater GP will be in compliance with *Guidelines for Soil Erosion and Sediment Control* (DEEP, 2002).

7.1.3.4 DEEP Staging and Transfer Permit

The DEEP general permit for Contaminated Soil and/or Sediment Management (Staging and Transfer) (DEP-SW-GP-001) authorizes the staging, transfer, and temporary storage of contaminated soil or sediment and is intended to address the management of these materials when they are generated during projects that are less than two years in duration and involve the excavation of earthen material. The Contaminated Soil Management GP establishes a uniform set of environmentally protective management procedures for stockpiling soils. It not anticipated that the remediation work will trigger a requirement to submit registration or request approval for this GP. Staging of impacted material will be performed in accordance with the requirements of the General Permit.

7.1.4 Public Notice

Public notice is being made for remedial activities in accordance with the Connecticut RSRs and RCSA regulations. The public notification process will be conducted in accordance with CGS §22a-133x (i) and RSR §22a-133k-1(d). A public notice of remediation activities is being placed in the Greenwich Times and notification is being made to the director of the Greenwich Health Department. The notice will allow for a minimum of 45 days for public comment on the RAP. Additionally, notice of the planned remediation activities is being mailed to each owner of record of each property that abuts the school property, and a six-foot by four-foot sign has been posted at the school that is visible from Hillside Drive stating that a Remedial Action Plan has been submitted to DEEP for the site. In accordance with the referenced general statute and regulation, the site will be posted for a minimum of 30 days following RAP submittal and includes a name and telephone number of a person who can provide additional information about the project. In addition, the Town has an ongoing public outreach program which includes publication of periodic informational updates that are posted on the Greenwich Public Schools (GPS website) and distributed through an electronic newsletter to parents, students, and members of the community who have previously expressed interest in the remediation project. A template of public notice materials is provided as **Appendix G**. Copies of final public notice materials along with publication date will be submitted with an EC Application Confirmation of Public Notice transmittal form.

7.1.5 Site Security

Site security will be managed by the selected remediation contractor and turf replacement contractor. Work will be performed primarily during the multiple phases. Excavation work will be performed, during school break in the summer, which will limit the number and frequency of site visitors. Restoration activities including the installation of the impermeable liner and construction of the turf fields will likely be performed during the school year. During performance of the work, all unauthorized personnel will be prevented from entering active remediation areas. The individual remediation areas undergoing active remediation will be demarcated with barriers such as temporary chain link around or orange snow fencing set back from excavation areas. The latter approach is appropriate for excavations to depths of less than four feet in areas where traffic patterns would not allow accidental vehicle entry. Where vehicular traffic entry is possible or excavations exceed four feet, chain link fencing would be used.

Prior to performing remedial excavation, the general work area will be divided into three work zones to reduce the potential spread of contaminated materials into clean areas. These three zones will be clearly delineated and will include:

- Contamination Zone (Hot Zone) – Areas believed to contain impacted materials at concentrations above the established cleanup levels. Only authorized personnel will be allowed to enter a contaminated zone.
- Decontamination Zone – A secure area will be established for decontamination of equipment and personnel and for access control in an area proximate to the Contamination Zone.
- Clean Zone – An area will be designated for clean operations. Personnel, vehicles, supplies, and supply trailers will be located in this zone. All clean activities may be carried out in this area.

7.1.6 Decontamination Plan

Decontamination of on-site heavy equipment will be performed, as necessary, to minimize the potential spreading of contamination and dust. After dry brushing construction vehicles and equipment at each individual remediation area to remove loose soils and minimize dust, the vehicles/equipment will be decontaminated, as appropriate. For general decontamination of dump trailers, a stone construction entrance may be sufficient to complete decontamination. All vehicles brought onto the site will be inspected and, if needed, will undergo decontamination/cleaning prior to use on-site. Decontamination may include high-pressure water or a steam cleaner, if needed, to remove soils. Pressure washing decontamination will be conducted on a temporary pad constructed for this purpose. Containment of decontamination fluids is discussed in **Section 7.1.7.1**.

For equipment used during remediation of PCB impacted soils, decontamination of non-porous surfaces on equipment, tools, and machinery will be performed following procedures defined in 40 CFR 761.79(c)(2). Grimy, non-porous surfaces will be decontaminated following the procedures specified in 40 CFR 761.375.

7.1.7 Waste Management

Several waste streams will be generated during remedial and field replacement activities at the site. Temporary stockpiling of materials on site may be required at times until a critical volume of material is generated to improve the economics and efficiency of transportation and disposal. PCB remediation waste will be stored in accordance with 40 CFR 761.65(c)(1)(3) or 761.65(c)(9). Storage areas and containers will be marked in accordance with 40 CFR 761.45(a).

Prior to being transported off-site, wastes will be characterized and profiled for disposal. Soil may be sampled in-situ for waste disposal parameters to speed the management of excavated soil, or composite soil stockpile samples will be collected for waste characterization. The disposal facility will confirm acceptance of the waste prior to transport. Regulated waste will be disposed of at a facility permitted to accept such wastes.

When wastes are moved off-site, waste removal will be documented by manifest or bill of lading. The Town will be named as the generator of the waste, and a Town representative will sign waste profile forms and manifests. The waste disposal subcontractor will prepare disposal manifests or bills of lading and documentation. The disposal documentation will be included in the remedial action report.

7.1.7.1 Decontamination Fluids

Decontamination fluids generated from construction equipment will be temporarily containerized in DOT drums for appropriate management. Containerized fluids will be labeled with the date of generation, contents, and source of decontamination fluid.

7.1.7.2 Soil Management

For off-site soil disposal, the receiving facilities will be chosen based on waste characterization results, tipping fees, hauling fees, and the disposal facility's operating permit. Any stockpiles of contaminated soil designated for off-site disposal which are not actively being generated or removed will be covered with weatherproof tarps or poly sheeting secured with sandbags or other ballast.

PCB remediation waste is expected to be live-loaded or staged in lined roll-off containers, pending shipment off-site. If PCB remediation waste is stockpiled, the stockpile will be constructed in accordance with 40 CFR 761.65(c)(9) using 20 mil poly sheeting as both cover and liner, bermed to prevent run-on and contain stormwater.

During remedial excavation, material segregation will be conducted based on existing data and field observations. Additional segregation may be performed based on the results of stockpile sample analysis. After the excavated material is sufficiently and appropriately segregated, it will be managed accordingly. Trucks will be loaded to within load limits and proper shipping papers will be provided prior to transport.

7.1.7.3 Personal Protective Equipment and General Solid Waste

Other solid materials (such as plastic sheeting and hay bales) used during remediation activities will be segregated from other waste streams. If solid materials come into contact with contaminated materials, the solid materials will be disposed along with the contaminated materials. If the solid materials do not come into contact with contaminated materials, they will be disposed as municipal solid waste. Personal protective equipment (PPE) used during the work will be disposed as municipal solid waste.

7.1.7.4 Artificial Turf Field Replacement Waste

Waste generated by the artificial turf field replacement construction activities that occur subsequent to the completion of remediation will be managed by the field replacement contractor. Because turf field replacement will begin after the remediation of soils beneath the fields, the turf field replacement contractor's activities are not expected to contact or require management of impacted soil.

7.2 Soil Remediation Technical Approach

There are multiple remediation areas on the site. The general technical approach is described in the subsections below.

7.2.1 Pre- and Post-Construction Survey

Site work will include pre- and post-excavation surveys. A pre-design survey of the work area will be performed to characterize the ground surface contours and current landmark locations. The pre- and post-excavation surveys will ensure that the location of non-impacted samples that were obtained during prior investigation activities to delineate the remediation areas, are clearly marked in the field. Post-construction surveys are needed for purposes of as-built documentation and for verification that the planned excavation achieved the desired limits. Surveys may be performed using conventional survey equipment and/or hand-held global positioning system (GPS) devices. Local relative measurements may also be recorded to supplement survey data, as required. Survey results will be recorded on post-construction record drawings.

7.2.2 Site Preparation

The following site preparation activities will be conducted:

- Utility identification and demarcation;
- Contractor mobilization and installation of temporary facilities (soil stockpile areas, decontamination areas, clean fill stockpile areas, access roads, sanitary facilities);

- Construction of soil and materials staging areas;
- Installation of temporary erosion controls; and
- Demarcation of proposed work activities and Work Zones.

7.2.2.1 Sedimentation and Erosion Controls

Prior to the performance of any clearing or earthwork activities, an erosion and sedimentation control system (straw bales or wattles and/or silt fence) will be installed around the proposed limits of disturbance and will be inspected for approval. Site erosion and sedimentation controls will be installed and maintained in accordance with the Connecticut Guidelines for Soil Erosion and Sediment Control and any local requirements. To prevent off-site migration of materials, all equipment will be decontaminated prior to leaving the site, and excavation work will not be performed during heavy precipitation events. See **Section 7.1.6** for decontamination procedures.

The location of the proposed soil erosion and sediment control measures and details for construction will be shown on the construction drawings. To maintain the effectiveness of the soil erosion and sediment control measures throughout remedial construction activities, these features will be inspected regularly. If sediment deposits reach one-half the height of the barrier, sediments will be removed from the barrier and managed by removal for on-site management or off-site disposal, as applicable based on the source of the accumulated sediments.

7.2.2.2 Staging Areas

Staging areas will be constructed and used for the duration of the project. Staging areas will be located strategically at the site, depending on the proximity of the remediation areas being excavated. Multiple staging areas may be prepared to allow for segregation of impacted materials, based on its management strategy, and for storage of debris, clean fill and materials used in the performance of remediation. Material staging areas containing soil or impacted materials will be managed to prevent dust generation and run-off and run-on of water.

7.2.2.3 Temporary Facilities

Temporary facilities installed during the work may include decontamination facilities, portable sanitary facilities, temporary storage units and temporary fencing. Temporary facilities may be coordinated with the field replacement contractor to the extent practicable.

7.2.2.4 Traffic Flow

Traffic control will be managed using portable traffic-control-warning signs, markings, and barriers and, as required, construction personnel to guide access around the construction areas. Prior to commencing construction in each area, the proposed construction approach to traffic management will be reviewed to ensure that appropriate measures are taken to facilitate ongoing site operations while maintaining a safe working area.

7.2.3 Excavation Activities

Excavation activities will begin with the demarcation of the excavation area by survey. Once demarcated, the appropriate controls and preparation measures will be installed prior to excavation. Based on the planned excavation depths, neither support systems (shoring) nor groundwater management (dewatering) will be required during the work. Estimated excavation areas and volumes are summarized in **Section 6.1** and **6.2**.

Depending on requirements of the receiving facility, impacted materials may be direct loaded into trucks for off-site disposal or moved to an on-site designated stockpile/storage area for later load-out. Trucks will be loaded one at a time. Care will be taken not to overload the truck or spill impacted material during loading. A cover will be required for each load. The cover will be securely tied down and checked before a truck leaves the loading

area. Each truck will be inspected and cleaned, if necessary, to avoid tracking impacted material and dust outside the loading area.

Impacted material designated for excavation will be characterized to meet disposal facility requirements, either by pre-characterization in-situ or by stockpile sampling. Impacted material transported off-site for disposal will be accompanied by a waste manifest that is signed by a Town representative for each truck load. A licensed hauler will be required. Approved waste profiles and disposal agreements will be completed prior to transport for off-site disposal.

Backfilling of excavation areas will not be conducted until it has been demonstrated that remediation objectives have been achieved. Verification sampling is discussed in **Section 7.2.4.1**. Barricades will be maintained around excavation areas for each excavation until backfilling is complete.

As discussed in **Section 7.1.7**, localized excavation activities are planned to be performed by the Town's field replacement contractor, including excavating for new curbing and ramps at the access gates and football goal post and safety netting installations. Soil generated during these activities will be managed in accordance with applicable regulations. AECOM establish requirements for the contractor soil management plan and provide oversight to ensure proper management of impacted soil, if any are generated.

7.2.4 Verification and Waste Characterization Sampling

This section outlines the approach for waste pre-characterization sampling, off-site disposal, and verification sampling to confirm that the remediation meets the cleanup objectives.

7.2.4.1 Verification Sampling

Post-excavation verification, or confirmation, sampling will be performed in AOC 1 in areas outside of the impermeable liner and in the remedial excavations being performed in the area of AOCs 3, 5, 6 and 9. Sampling will be performed to confirm that the remedial objectives for each area have been achieved.

In AOC 1, verification samples will be collected at a frequency of 1 sample every 20 linear feet (LF) for PCB analysis at a depth of 1-foot bgs on sidewalls of shallow excavations located outside of the impermeable barrier area. This includes excavations proposed in Field 2, Field 5, and the area west and south of Field 3 and Field 4. In select areas, verification samples will be analyzed for additional COCs including lead, copper, ETPH, and/or PAHs which have been identified at concentrations exceeding the R DEC.

Verification sampling on excavation bottoms is not proposed, because high PCB concentrations are known to be present in these areas and ECs will be implemented to prevent exposure to underlying COCs. However, bottom samples will be collected from excavation footprints in AOC 1 on a 40-foot grid to allow documentation of underlying PCB concentrations in the remedial action report and decision document for the ELUR to further inform future site management decisions.

In AOCs 3, 5, 6, and 9, post-excavation sampling in PCB-impacted areas will follow the procedures summarized in CFR §761.280 - §761.298 (Subpart O). Additionally, in the area where lead exceeds the R DEC, confirmation sampling for lead will be performed at the following frequency: excavation sidewall samples will be collected every 20 LF of sidewall with a minimum of one sample per sidewall, and excavation bottom samples will be collected at a frequency of 1 sample per 400 square feet (SF).

The proposed verification sampling plan is depicted on **Figure 7-1**. The estimated number of samples proposed for each area is presented in the table below. Verification soil samples will be analyzed following Connecticut Reasonable Confidence Protocols (RCP). Sampling results will be compared to the following criteria to determine if the remedial objectives have been met.

AOC 1 – R DEC for PCBs (1 mg/kg), ETPH (500 mg/kg), lead (400 mg/kg), copper (2,500 mg/kg), and PAHs (various) in top two feet outside the impermeable liner area; and

AOCs 3, 5, 6, and 9 – R DEC for PCBs (1 mg/kg) and R DEC for lead (400 mg/kg)

Additional excavation and verification sampling will be performed for failed sidewall samples until the remedial objectives are met. Bottom sample results in areas of planned ECs will not require additional excavation.

Table 7-1: Estimated Verification Sample Quantities

Area	Constituents of Concern	Applicable Regulatory Criteria	Sampling Approach	Estimated Number of Samples
Field 2 (west)	PCBs, lead	R DEC	Sidewall samples every 20 LF, Bottom samples on 40-foot grid for PCBs	16
Field 2 (east)	PCBs, lead, copper, PAHs	R DEC, GB PMC	Sidewall samples every 20 LF, Bottom samples on 40-foot grid for PCBs	28
South of Field 3	PCBs, lead, ETPH	R DEC, GB PMC	Sidewall samples every 20 LF, Bottom samples on 40-foot grid for PCBs	28
West of Field 3	PCBs, lead	R DEC	Sidewall samples every 20 LF, Bottom samples on 40-foot grid for PCBs	25
West of Field 4	PCBs	R DEC	Sidewall samples every 20 LF	19
North of Field 4	PCBs	R DEC	Sidewall samples every 20 LF	10
East of Field 4	PCBs	R DEC	Sidewall samples every 20 LF, Bottom samples on 40-foot grid for PCBs.	13
Shallow dig east of Field 4	PCBs, lead, ETPH, PAHs	R DEC, GB PMC	Sidewall samples every 20 LF, Bottom samples on 40-foot grid for PCBs.	9
Fields 3 and 4 and west of parking lot	PCBs	None	Bottom samples 40-foot grid	125
North-B1	ETPH	R DEC, GB PMC	Bottom samples every 400 SF, sidewall samples every 20 LF	5
South-B5	PCBs	R DEC	Subpart O	67
SS-248/SS-249	PCBs	R DEC	Subpart O	98
V21-SB700	Lead	R DEC	Bottom samples every 400 SF, sidewall samples every 20 LF	3
U21-SB701	PCBs	R DEC	Subpart O	12

7.2.4.2 Waste Characterization of Excavated Soils

Waste characterization sampling will be performed to satisfy the requirements of the off-site disposal facilities. VOC samples collected for waste analysis will be collected as grab samples to avoid loss of volatiles. Samples for other analyses will be composited from representative in-situ or soil stockpile samples. The samples will be analyzed for the analytical parameters required by the disposal facility. Waste characterization samples will be collected in the appropriately preserved sample bottles supplied by the lab, placed on ice, and submitted under chain of custody via courier service for laboratory analysis. Existing in-situ analytical data will be used to characterize the PCB concentration in PCB remediation waste.

7.2.5 Backfilling

Following excavation and collection of final post-excavation confirmatory soil samples, backfilling of the excavated areas will commence. Clean fill or other appropriate materials will be used for backfilling. Clean common backfill material and appropriate surface fill materials (processed gravel or other approved material) will be imported from an off-site source. Imported backfill material will be tested prior to being transported to the site. All data will be reviewed and approved prior to delivery of imported materials to the site. If clean fill cannot be obtained (e.g., pesticide-free topsoil), and analytical results are consistent with soil to be left on site, a request will be submitted to authorize reuse of polluted soil. The backfill will be compacted as appropriate.

7.2.6 Dust Control and Air Monitoring

Dust control and air monitoring is an important component of the remediation activities. The National Ambient Air Quality Standard (NAAQS) for Respirable Particulates (defined as PM₁₀) established by the EPA is a maximum concentration of 150 µg/m³. Based on this standard, community dust exposure from construction activities should not exceed 150 µg/m³ above the background level. In cases where dust-borne particles have the potential to result in exposure to COCs, a lower action level is often established. For the work proposed herein, a conservative, risk-based action level will be developed based on the potential for exposure to site COCs.

Air monitoring for dust will be performed at upwind and downwind locations in the work areas to ensure that construction activities comply with NAAQS. Handheld data loggers will be used to monitor dust levels. If air monitoring results indicate PM₁₀ concentrations greater than an action level (excluding background levels), dust suppression may need to be implemented. This could include the following:

- Applying water mist to active work areas and truck routes; and
- Applying water mist to construction equipment and materials.

Air monitoring thresholds for worker protection will be developed as part of the health and safety plan.

7.2.7 Cleanup and Demobilization

All contractor equipment, excess materials, and wastes will be demobilized following completion of soil remediation activities at the site.

7.3 Post Remediation Monitoring

Post-remediation monitoring will be performed to ensure that COCs do not migrate to receptors or offsite and that the impermeable barrier acts to environmentally isolate polluted soils as indicated by controlling COC concentrations in groundwater. Post-remediation monitoring will include the collection of groundwater samples for PCB, metals, and ETPH analysis from monitoring wells downgradient of the proposed EC and upgradient of West Brothers Brook. This monitoring expands upon the existing Operation, Maintenance, and Monitoring Plan for the EC associated with Fields 6 and 7 (AECOM, 2020b), which was implemented as part of Phase I Remediation. Monitoring wells currently installed in Fields 3 and 4 will be abandoned in place at the time of

remediation. Following completion of remediation, on the southern portion of the site (e.g., at wells MW-28, MW-35, and MW-H29) will continue to be monitored until sitewide groundwater compliance issues are addressed.

Stormwater from artificial turf Fields 3 and 4 will drain into the West Brothers Brook from three outfall locations (there are currently two outfall locations). EC monitoring will include collecting samples will from these outfall locations for PCB analysis. Monitoring from Field 3 (OF2 and OF3) outfalls will be performed for to demonstrate that the contained stormwater system conveyance system does not entrain groundwater, whereas monitoring for Fields 6 and 7 (OF4 and OF6) will be performed to demonstrate effective separation of the Field 6 and 7 EC, which is not a self-contained system, although there is no evidence that groundwater exfiltrates to the stormwater system there.

The one existing and three proposed ECs to be implemented at the site will be monitored and inspected in accordance with the Operations, Maintenance, and Monitoring Plan submitted as part of the Application for Engineered Control Variance (**Appendix C**).

8.0 Construction Contingency Procedures

This section describes construction contingency procedures needed to address potential changes in the design and to address unforeseen conditions or problems encountered in the field. Communication between field engineers, project management, and the Town will be critical for successful implementation of this RAP. Specific communication protocols and notification requirements will be included in the HASP.

8.1 Utilities

Care will be taken to identify known and suspected utilities in remediation areas. Excavation work will proceed cautiously to minimize the potential to encounter unknown utilities or disturb known utilities. In the event that utilities are known to be present or encountered during excavation, the Town will be notified to determine the type and status of the utility. If it is determined that the utility should remain, hand tools will be used to clean soil from the surface of the utilities, and the surface of the utilities will be inspected for evidence of surficial contamination. Upon completion, care will be taken when backfilling around the utilities and appropriate backfill material will be utilized to ensure appropriate utility support.

8.2 Severe Weather

In the event of severe weather, soil stockpiles will be covered with polyethylene sheeting and supported with appropriate ballast. Work will be curtailed until weather conditions improve. In the event of thunder/lightning storms, stop work policies will be followed, and personnel and subcontractors will be required to shut down equipment, cover stockpiles, and relocate to designated safe areas or leave the site.

8.3 Exceedance of Air Monitoring Action Levels

Dust mitigation measures will be employed in accordance with action levels set for the project and within the HASP. If unacceptable levels of dust are noted, work will be suspended until controls are employed and levels diminish or until climactic conditions change such that acceptable dust levels are achieved.

8.4 Safety Hazards

Should any condition arise that might represent a risk of harm to worker or public safety, work will be stopped. All employees working on the site will have stop work authority to allow time to consider potential hazards and to ensure procedures are in place to complete the work safely before proceeding.

8.5 Change in Conditions

Should unexpected conditions be observed during performance of remediation activities, work will be paused to evaluate the condition and to allow time for the field oversight engineer to consult with the project engineer, project manager, or the Town. Unexpected conditions that might require a pause in work include encountering an unexpected utility or encountering a new source of impacts or indications of impacts that are not consistent with the COCs for the remediation area. Such consultation will allow time to review whether waste segregation, sample analysis, decontamination, and safety procedures are adequate to address the new condition, prior to continuing with remediation in that area.

9.0 Post Remediation Conceptual Site Model

A CSM has been prepared and presented in the site investigation reports submitted in 2013 and updated in 2019 (AECOM, 2013d and AECOM, 2019b). These CSMs have described releases; migration pathways; the degree, extent, and rate of migration of COCs; contaminant fate and transport; and potential receptors. Following final remediation of the site, the releases that currently exceed RSR criteria will have been mitigated such that RSR compliance for soil and ultimately groundwater can be demonstrated, and an updated CSM can be prepared to support a verification of compliance with the RSR for the site.

Following remediation, the site will be restored to its current condition with some improvements for accessibility and plantings. Fields 3 and 4 will remain artificial turf multi-sport athletic fields, and Fields 2 and 5 will remain as grass baseball and softball fields. An ELUR will be recorded at the site to ensure soil rendered inaccessible by a clean soil cap or asphalt is not disturbed in the future and to maintain environmentally isolated soil beneath the impermeable barrier and MISA. This approach is a cost effective and protective method of addressing polluted soil. Because DEC for COCs other than PCBs do not apply to inaccessible soil and an ELUR can effectively prevent exposure to such soil, the use of an ELUR is an appropriate remediation alternative to limit the need for excavation of inaccessible soils.

10.0 Reporting Requirements

Oversight responsibilities will include design and subcontracting of remedial construction activities, and management of these activities, including the preparation and maintenance of construction records for as-built documentation. The responsibilities will also include documenting that the project is completed in accordance with the elements of this RAP and generally accepted industry/engineering standards.

10.1 Field Documentation

Detailed records of the construction activities will be maintained, including records of all subcontractor submittals and records of materials entering and leaving the site. This includes weight tickets from the facilities which receive impacted material from the site. Records of subcontractor submittals associated with imported materials will also be maintained, including contractor furnished products, materials, soil, and aggregate. No materials will be permitted to be imported to the site without appropriate prior approval from the Site Engineer. In addition, the following records will be maintained:

- Photographic documentation of construction activities including, but not limited to, completed remediation and excavations, previously unknown areas of contamination (if encountered), and other pertinent observations;
- Logs of daily activities, site conditions, weather, and safety meetings and observations;
- Records of changes to remediation design elements to accommodate field conditions;
- Documenting segregation (if used), storage, and accounting of wastes that may be stockpiled at the site;
- Documenting and reporting of spills, leaks, or other discharges occurring at the site;
- Documenting unknown utilities which may be encountered and/or work around utility structures and their condition prior to and following remediation;
- Documenting sampling locations and measurements taken relative to survey benchmarks;
- Documenting that erosion control measures are appropriately employed and maintained, including a maintenance record of required repairs;
- Documenting site security measures, including maintenance of a site visitor log;
- Documenting structures that are encountered, permanently removed and/or removed and replaced during excavation activities;
- Documenting treatment system operations and volumes of wastes generated;
- Maintaining waste transportation/disposal documentation; and
- Documenting decontamination procedures prior to demobilization.

10.2 Post-Remediation Reporting Requirements

Following completion of remediation activities, a Remedial Action Report (RAR) will be prepared for the site and submitted to DEEP. The RAR will describe the completed work and will contain the specific items discussed below. Record site plans or as-built drawings showing the vertical and horizontal limits of remedial excavations, and final grades upon completion of backfilling (Class A-2/T-2 survey accuracy) will be prepared. The A-2 survey information will be incorporated into the existing Class A-2 site survey and will be utilized in support of site ELURs. The following information will also be provided in the RAR:

- Sample analytical data in tabular form comparing data to RSR criteria, as applicable (e.g., for post excavation samples);
- As-built figures depicting extents of remediation, sampling locations, and remediation structures (e.g., shoring, etc.);

- Complete laboratory reports;
- Waste disposal documentation (manifests, bills-of-lading, certificates of disposal, etc.);
- Waste disposal summary indicating the weights, volumes, and disposition of excavated materials;
- Documentation of all materials incorporated into the project (sand, gravel, reuse soil etc.); and
- Select photographs of remediation activities.

11.0 Project Schedule

Implementation of the RAP will require DEEP and USEPA approval.

Preliminary schedule milestones are shown below. The field schedule is subject to the timing of these approvals, weather-related delays, and field replacement contractor schedule.

Milestone	Date
Request for Bid	March 2021
Contractor Selection	May 2021
Contract Award	May 2021
Contractor Mobilization – Season 1	June 2021
Excavation, Soil Relocation/Offsite Disposal – Season 1	June 2021 – August 2021
Stormwater, Gas Collection, Groundwater Recovery Piping/Structures – Season 1	August 2021
Membrane Liner Installation – Season 1	September 2021
Artificial Turf Installation – Season 1	October 2021 – December 2021
Contractor De-Mobilization – Season 1	January 2022
Contractor Mobilization – Season 2	June 2022
Excavation, Soil Relocation/Offsite Disposal – Season 2	June 2022 – August 2022
Stormwater, Gas Collection, Groundwater Recovery Piping/Structures – Season 2	September 2022
Membrane Liner Installation – Season 2	October 2022
Artificial Turf Field Build-up – Season 2	October 2022 – January 2022
Final Surface Restorations– Season 2	January 2022
Contractor De-Mobilization – Season 2	January 2022
Contractor Mobilization – Season 3	June 2023
Excavation, Soil Relocation/Offsite Disposal – Season 3	June 2023 – August 2023
Site Restoration – Season 3	September 2023
Contractor De-Mobilization – Season 3	September 2023

12.0 References

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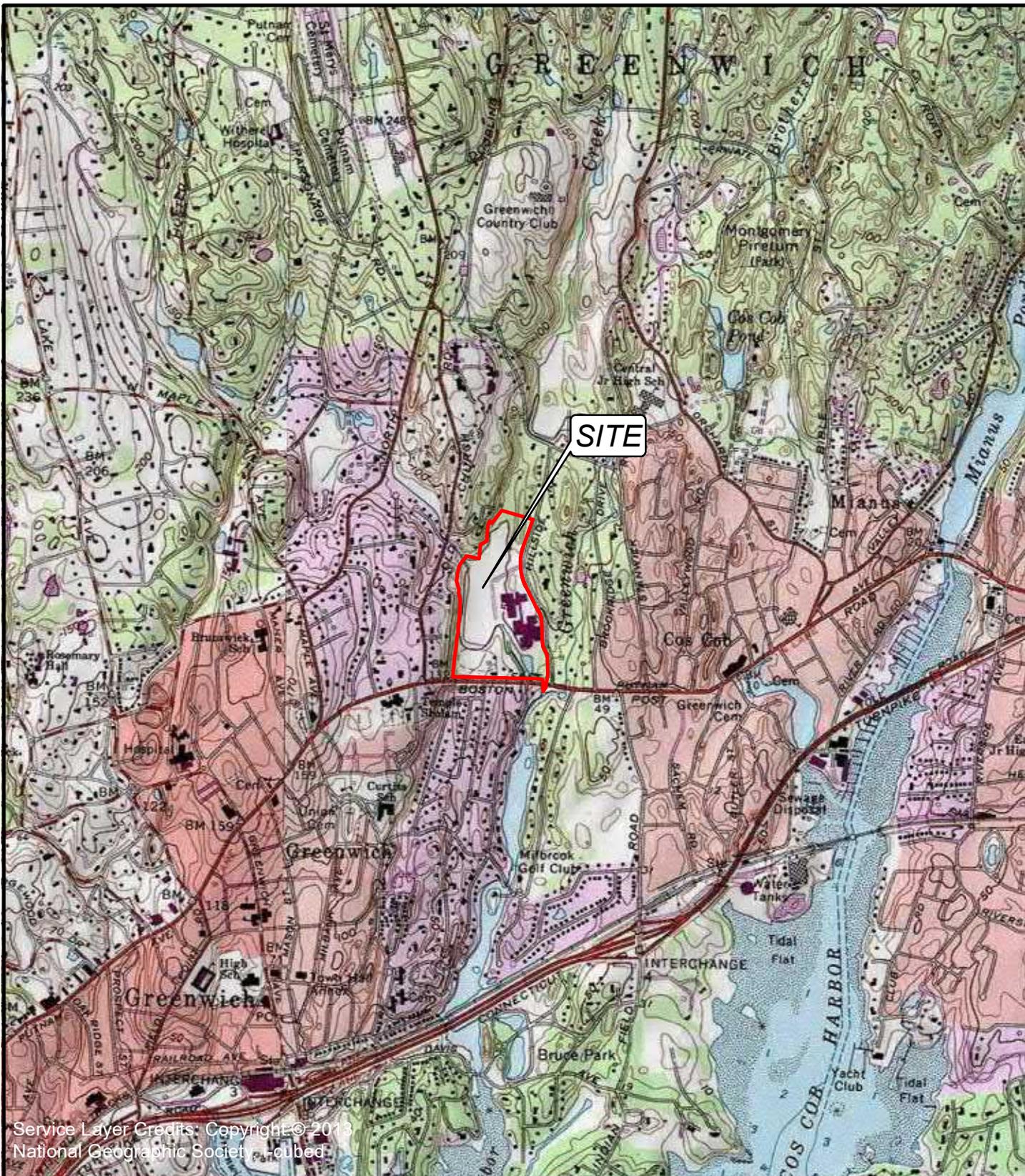
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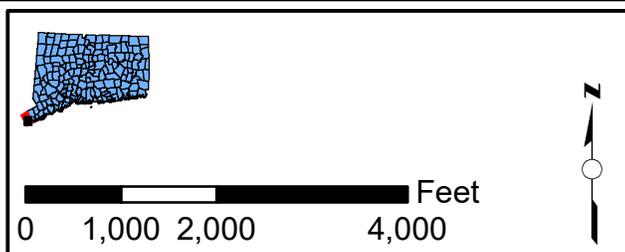
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Figures



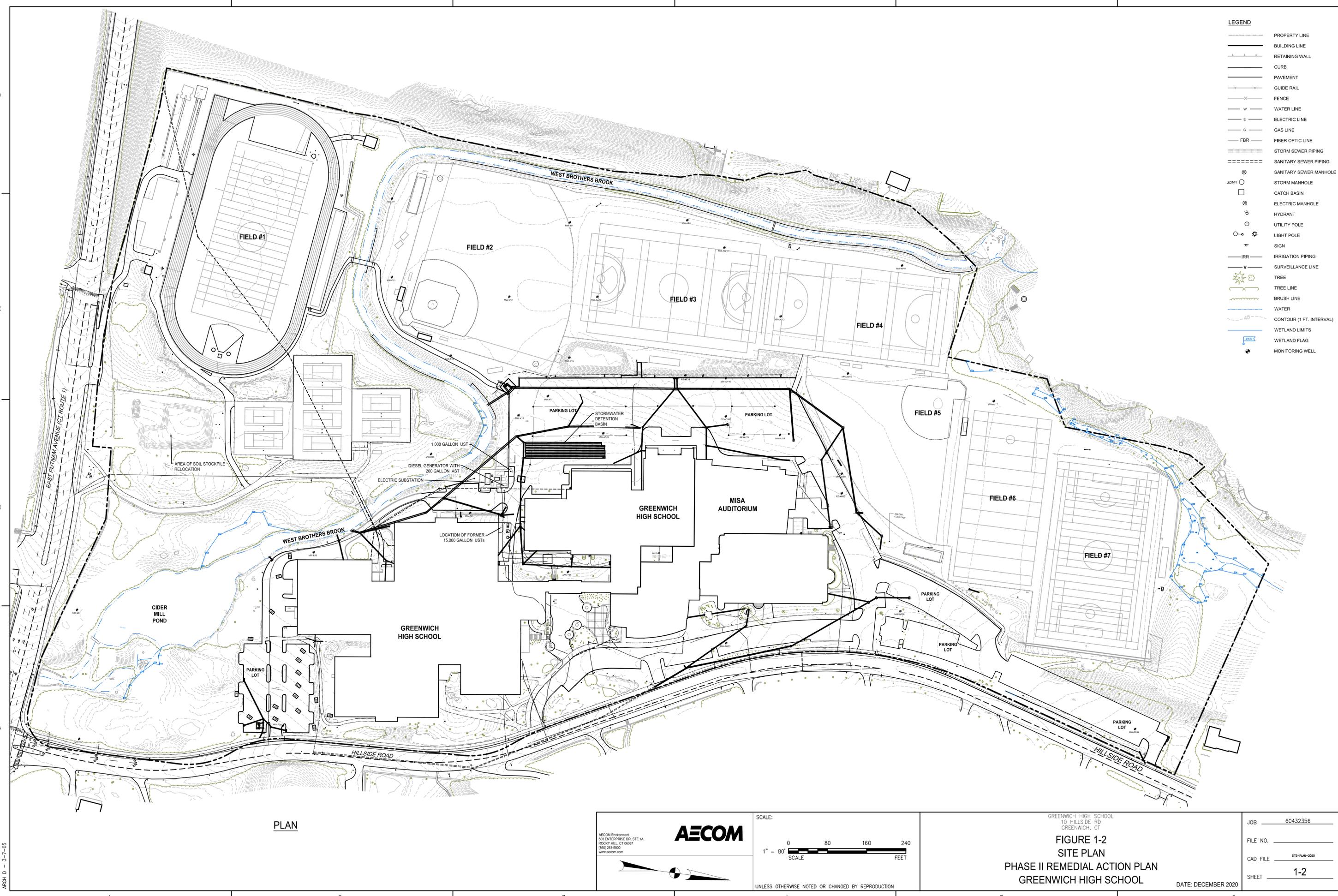
Service Layer Credits: Copyright © 2013
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Site Location		
Phase II Remedial Action Plan		
Greenwich High School		
10 Hillside Road		
Greenwich, Connecticut		
SCALE	DATE	PROJECT NO.
1 IN = 2000 FT	11/18/2020	60432356

AECOM
Figure Number
1-1

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 PLOT DATE: Wednesday, December 30, 2020 3:36:48 PM
 ARCH D - 3-7-05



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	BUILDING LINE
	RETAINING WALL
	CURB
	PAVEMENT
	GUIDE RAIL
	FENCE
	WATER LINE
	ELECTRIC LINE
	GAS LINE
	FIBER OPTIC LINE
	STORM SEWER PIPING
	SANITARY SEWER PIPING
	SANITARY SEWER MANHOLE
	STORM MANHOLE
	CATCH BASIN
	ELECTRIC MANHOLE
	HYDRANT
	UTILITY POLE
	LIGHT POLE
	SIGN
	IRRIGATION PIPING
	SURVEILLANCE LINE
	TREE
	TREE LINE
	BRUSH LINE
	WATER
	CONTOUR (1 FT. INTERVAL)
	WETLAND LIMITS
	WETLAND FLAG
	MONITORING WELL

PLAN

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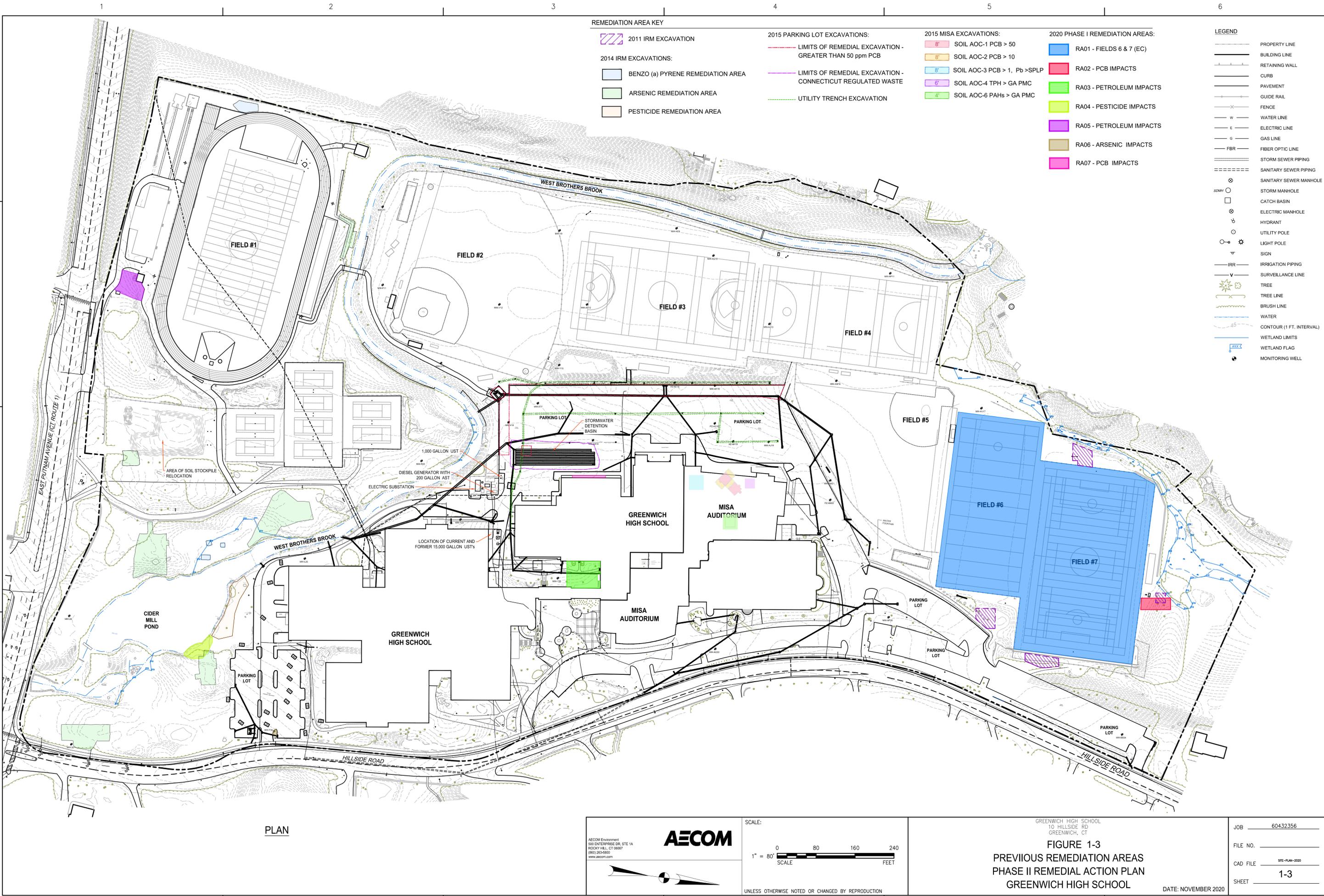
SCALE:

 1" = 80'
 SCALE FEET
 UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

GREENWICH HIGH SCHOOL
 10 HILLSIDE RD
 GREENWICH, CT
FIGURE 1-2
SITE PLAN
PHASE II REMEDIAL ACTION PLAN
GREENWICH HIGH SCHOOL
 DATE: DECEMBER 2020

JOB	60432356
FILE NO.	
CAD FILE	SITE-PLAN-2020
SHEET	1-2

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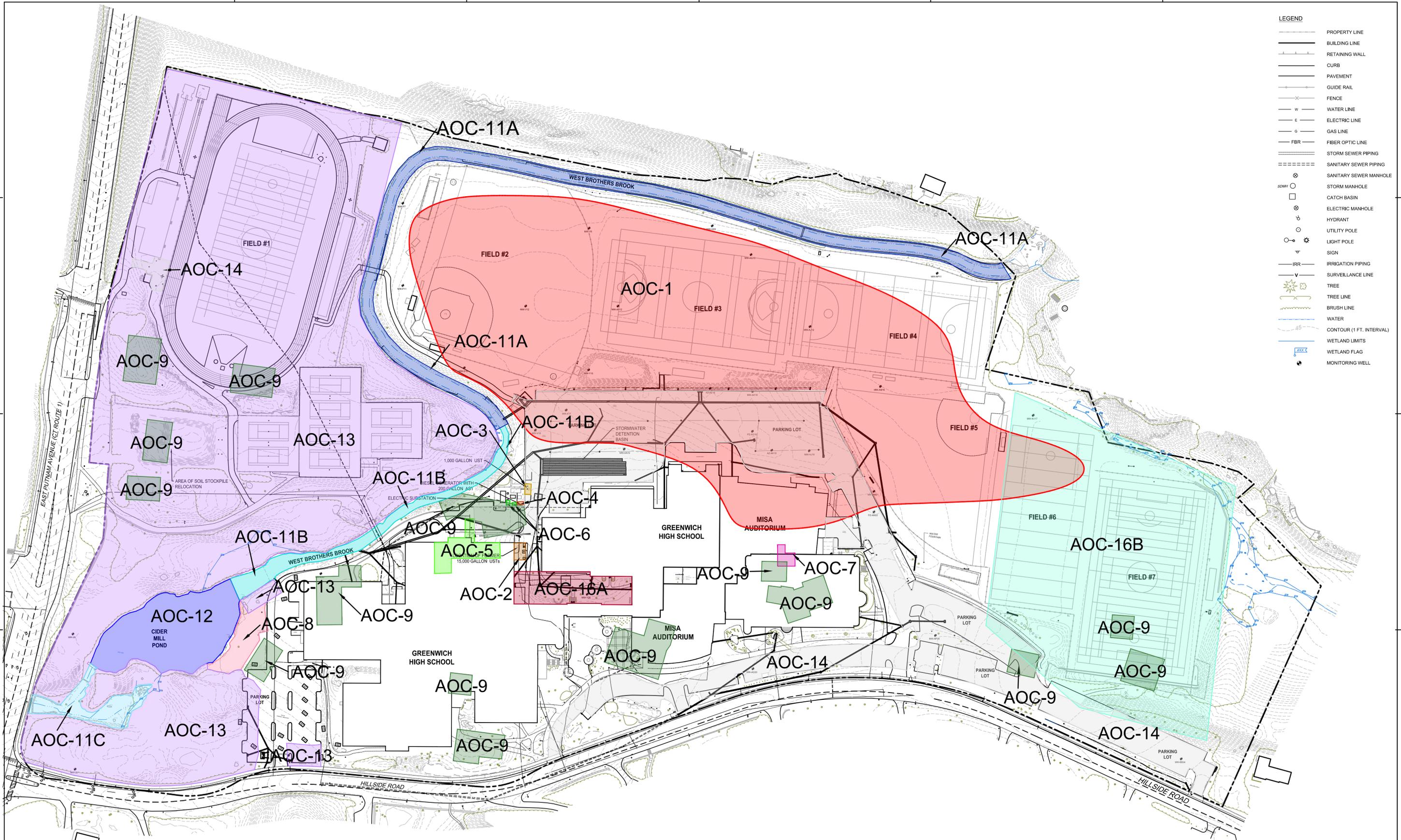
REMEDIATION AREA KEY

- | | | | | |
|---|--|--|---|---|
| <p>2011 IRM EXCAVATION</p> <p>2014 IRM EXCAVATIONS:</p> <ul style="list-style-type: none"> BENZO (a) PYRENE REMEDIATION AREA ARSENIC REMEDIATION AREA PESTICIDE REMEDIATION AREA | <p>2015 PARKING LOT EXCAVATIONS:</p> <ul style="list-style-type: none"> LIMITS OF REMEDIAL EXCAVATION - GREATER THAN 50 ppm PCB LIMITS OF REMEDIAL EXCAVATION - CONNECTICUT REGULATED WASTE UTILITY TRENCH EXCAVATION | <p>2015 MISA EXCAVATIONS:</p> <ul style="list-style-type: none"> SOIL AOC-1 PCB > 50 SOIL AOC-2 PCB > 10 SOIL AOC-3 PCB > 1, Pb > SPLP SOIL AOC-4 TPH > GA PMC SOIL AOC-6 PAHs > GA PMC | <p>2020 PHASE I REMEDIATION AREAS:</p> <ul style="list-style-type: none"> RA01 - FIELDS 6 & 7 (EC) RA02 - PCB IMPACTS RA03 - PETROLEUM IMPACTS RA04 - PESTICIDE IMPACTS RA05 - PETROLEUM IMPACTS RA06 - ARSENIC IMPACTS RA07 - PCB IMPACTS | <p>LEGEND</p> <ul style="list-style-type: none"> PROPERTY LINE BUILDING LINE RETAINING WALL CURB PAVEMENT GUIDE RAIL FENCE WATER LINE ELECTRIC LINE GAS LINE FIBER OPTIC LINE STORM SEWER PIPING SANITARY SEWER PIPING SANITARY SEWER MANHOLE STORM MANHOLE CATCH BASIN ELECTRIC MANHOLE HYDRANT UTILITY POLE LIGHT POLE SIGN IRRIGATION PIPING SURVEILLANCE LINE TREE TREE LINE BRUSH LINE WATER CONTOUR (1 FT. INTERVAL) WETLAND LIMITS WETLAND FLAG MONITORING WELL |
|---|--|--|---|---|

PLAN

<p>AECOM Environment 500 ENTERPRISE DR, STE 1A ROCKY HILL, CT 06067 (860) 263-5800 www.aecom.com</p>	<p>SCALE:</p> <p>1" = 80' SCALE FEET</p>	<p>GREENWICH HIGH SCHOOL 10 HILLSIDE RD GREENWICH, CT</p> <p>FIGURE 1-3 PREVIOUS REMEDIATION AREAS PHASE II REMEDIAL ACTION PLAN GREENWICH HIGH SCHOOL</p>	<p>JOB 60432356</p>
	<p>UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION</p>		<p>FILE NO. _____</p> <p>CAD FILE SITE-PLAN-2020</p> <p>SHEET 1-3</p> <p>DATE: NOVEMBER 2020</p>

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 ARCH D - 3-7-05



LEGEND	
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	BUILDING LINE
	RETAINING WALL
	CURB
	PAVEMENT
	GUIDE RAIL
	FENCE
	WATER LINE
	ELECTRIC LINE
	GAS LINE
	FIBER OPTIC LINE
	STORM SEWER PIPING
	SANITARY SEWER PIPING
	SANITARY SEWER MANHOLE
	STORM MANHOLE
	CATCH BASIN
	ELECTRIC MANHOLE
	HYDRANT
	UTILITY POLE
	LIGHT POLE
	SIGN
	IRRIGATION PIPING
	SURVEILLANCE LINE
	TREE
	TREE LINE
	BRUSH LINE
	WATER
	CONTOUR (1 FT. INTERVAL)
	WETLAND LIMITS
	WETLAND FLAG
	MONITORING WELL

PLAN

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SCALE:
 1" = 80'
 SCALE FEET

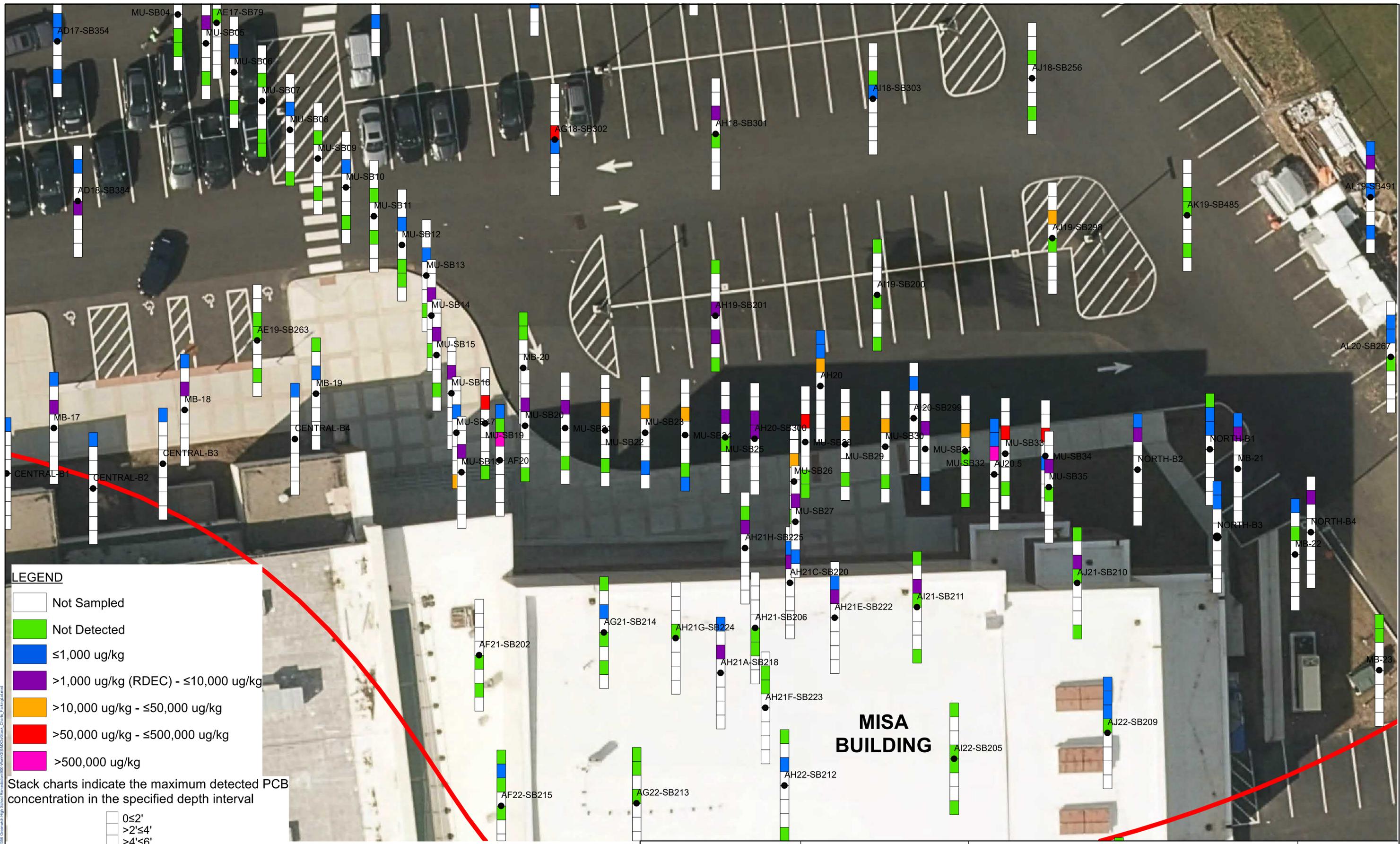
UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

GREENWICH HIGH SCHOOL
 10 HILLSIDE RD
 GREENWICH, CT

FIGURE 3-1
 SITE AREAS OF CONCERN
 PHASE II REMEDIAL ACTION PLAN
 GREENWICH HIGH SCHOOL

JOB	60432356
FILE NO.	
CAD FILE	SITE-PLAN-2020
SHEET	3-1

DATE: DECEMBER 2020



LEGEND

- Not Sampled
- Not Detected
- ≤1,000 ug/kg
- >1,000 ug/kg (RDEC) - ≤10,000 ug/kg
- >10,000 ug/kg - ≤50,000 ug/kg
- >50,000 ug/kg - ≤500,000 ug/kg
- >500,000 ug/kg

Stack charts indicate the maximum detected PCB concentration in the specified depth interval

0≤2'
>2'≤4'
>4'≤6'
>6'≤8'
>8'≤10'
>10'≤12'
>12'≤14'
>14'≤16'

LEGEND
● Boring Location

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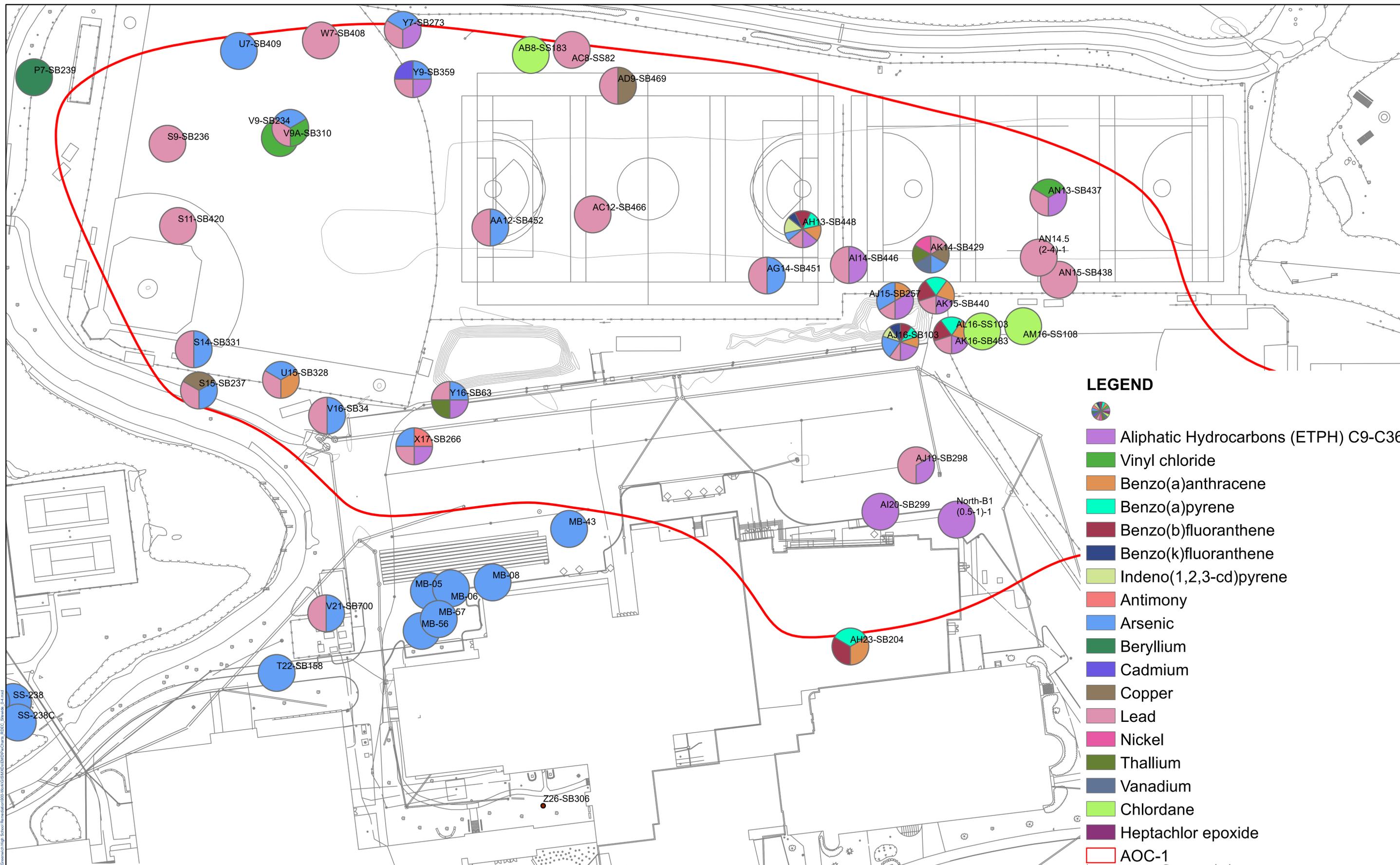
SCALE:
0 5 10 20 30
Feet
1" = 10' SCALE

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

WESTERN PARKING LOT
PCB STACK CHARTS
GREENWICH HIGH SCHOOL
10 HILLSIDE ROAD
GREENWICH, CT

PROJECT NUMBER:
60432356

FIGURE:
3-3



Note:
PCBs not shown in pie charts.

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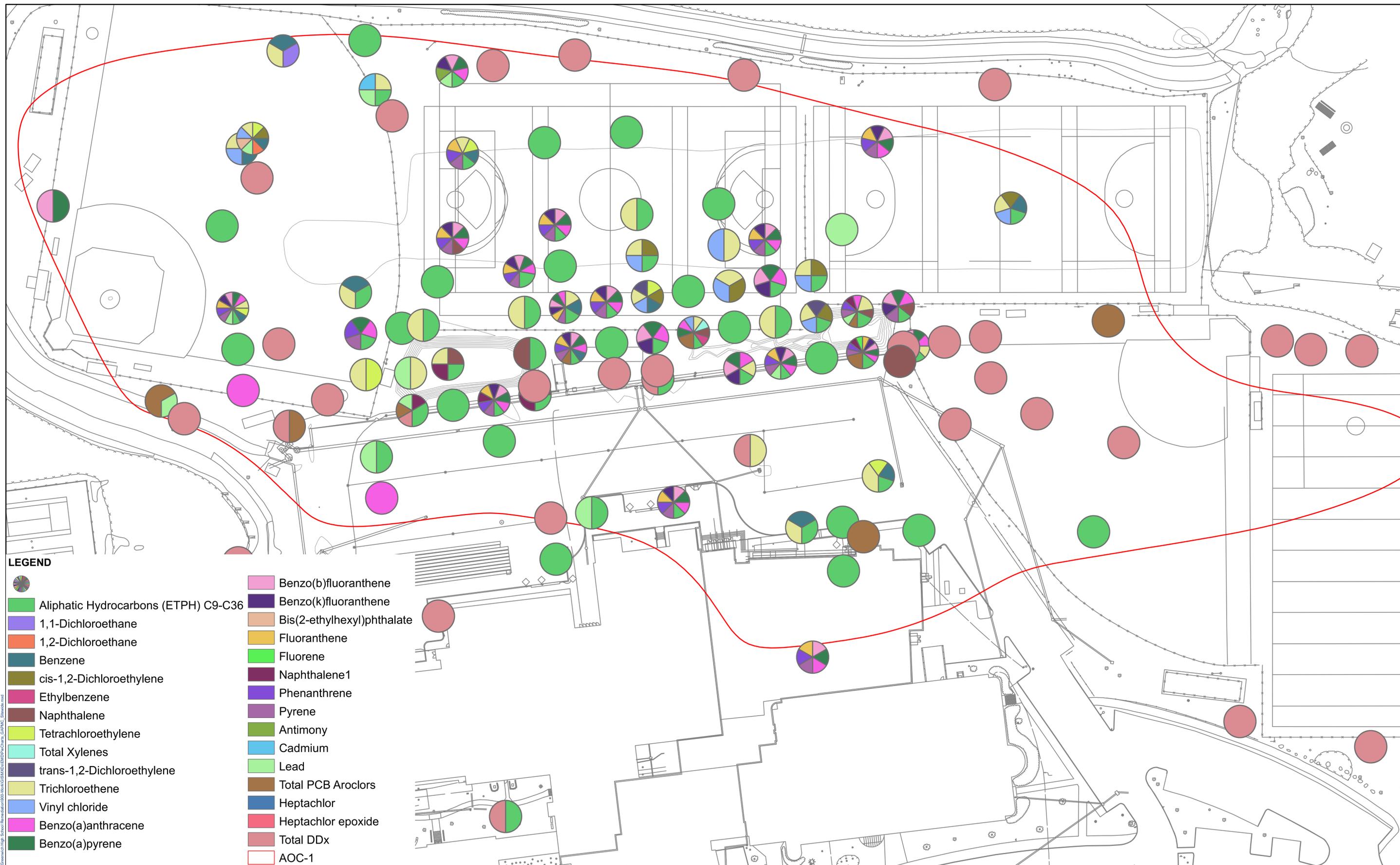
SCALE:
0 20 40 80 120
Feet
1" = 40' SCALE

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

AOC 1 R DEC EXCEEDANCES
0 TO 4 FT BGS
GREENWICH HIGH SCHOOL
10 HILLSIDE ROAD
GREENWICH, CT

PROJECT NUMBER:
60432356

FIGURE:
3-5



LEGEND

	Benzo(b)fluoranthene
	Aliphatic Hydrocarbons (ETPH) C9-C36
	1,1-Dichloroethane
	1,2-Dichloroethane
	Benzene
	cis-1,2-Dichloroethylene
	Ethylbenzene
	Naphthalene
	Tetrachloroethylene
	Total Xylenes
	trans-1,2-Dichloroethylene
	Trichloroethene
	Vinyl chloride
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(k)fluoranthene
	Bis(2-ethylhexyl)phthalate
	Fluoranthene
	Fluorene
	Naphthalene1
	Phenanthrene
	Pyrene
	Antimony
	Cadmium
	Lead
	Total PCB Aroclors
	Heptachlor
	Heptachlor epoxide
	Total DDx
	AOC-1

NOTE:
 ONLY CRITERIA EXCEEDANCES ABOVE
 LABORATORY REPORTING LIMITS ARE SHOWN.

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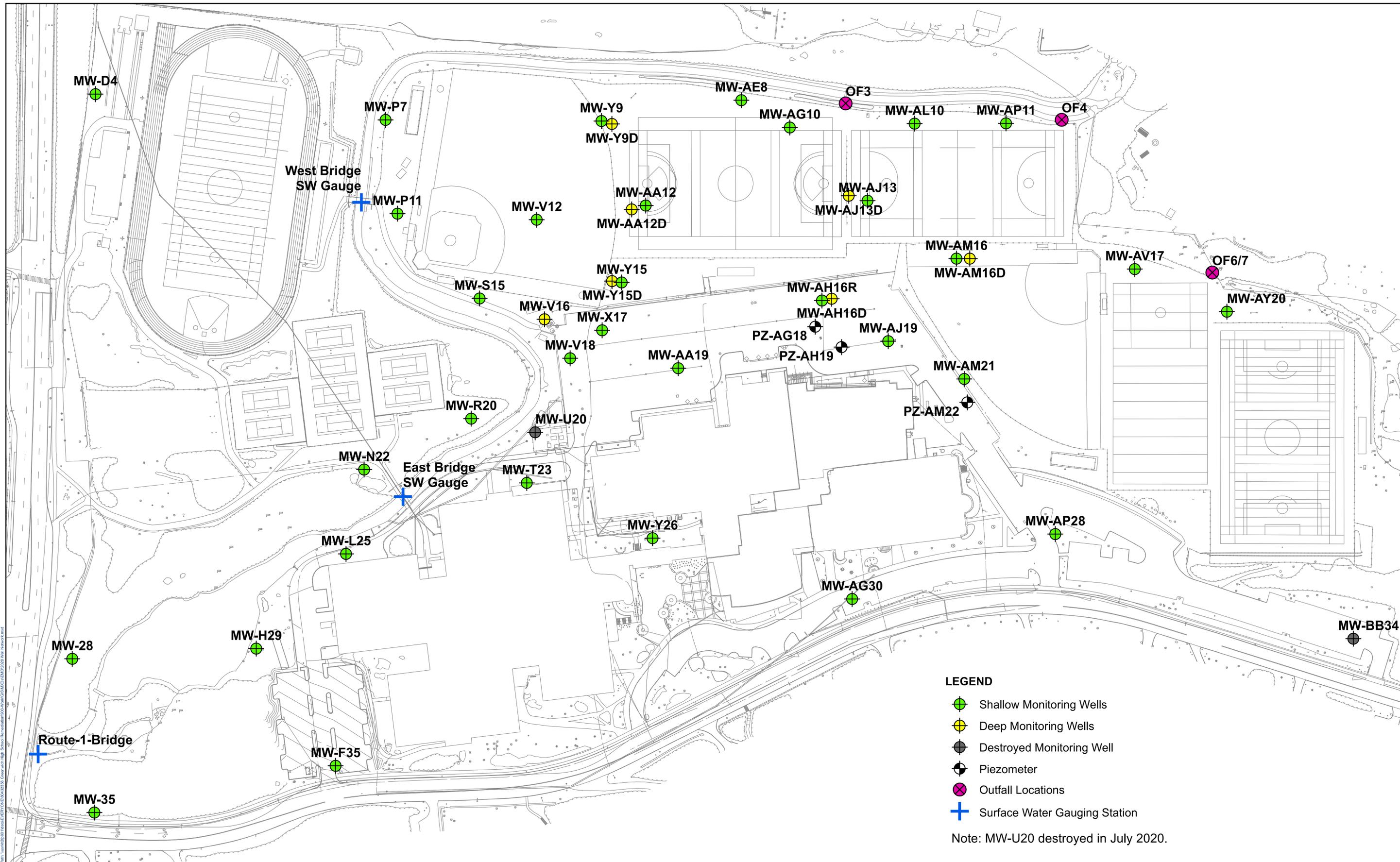
SCALE:
 0 20 40 80 120 Feet
 1" = 40' SCALE

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

FIGURE 3-6
 AOC 1 GA PMC EXCEEDANCES
 PHASE II REMEDIATION
 GREENWICH HIGH SCHOOL
 10 HILLSIDE ROAD
 GREENWICH, CT

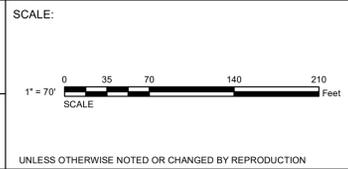
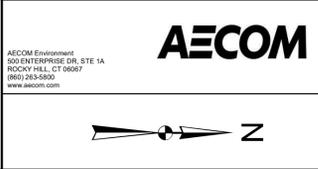
PROJECT NUMBER:
 60432356

FIGURE:
3-6



GREENWICH HIGH SCHOOL
10 HILLSIDE ROAD
GREENWICH, CT

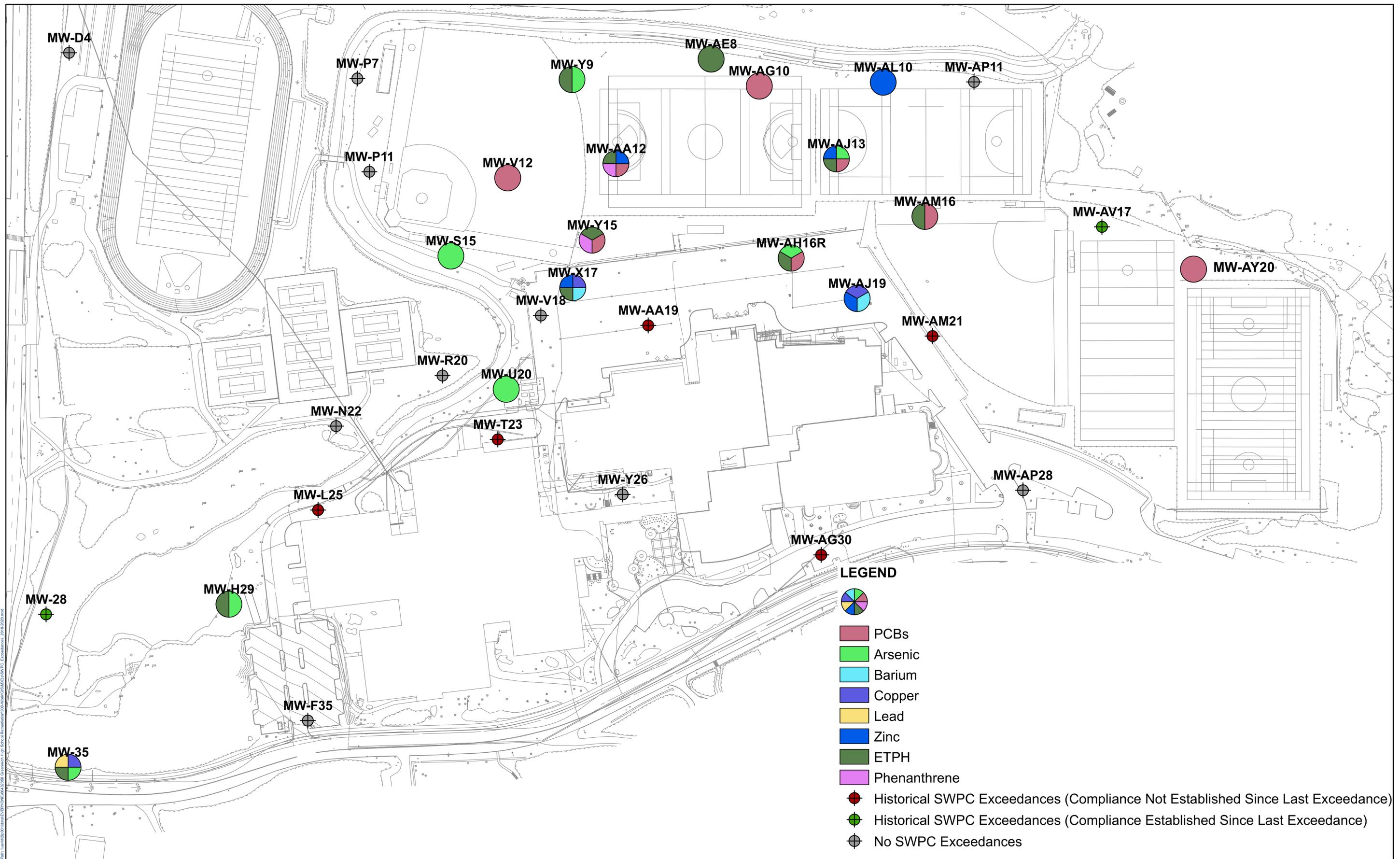
SOURCE:
2010 AERIAL ORTHOPHOTO FROM STATE OF CONNECTICUT
DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION



MONITORING WELL NETWORK
PHASE II REMEDIAL ACTION PLAN

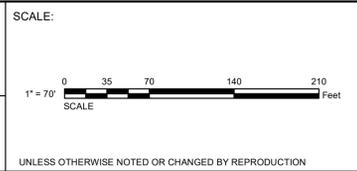
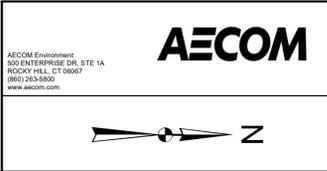
PROJECT NUMBER:
60432356

FIGURE:
3-8



GREENWICH HIGH SCHOOL
10 HILLSIDE ROAD
GREENWICH, CT

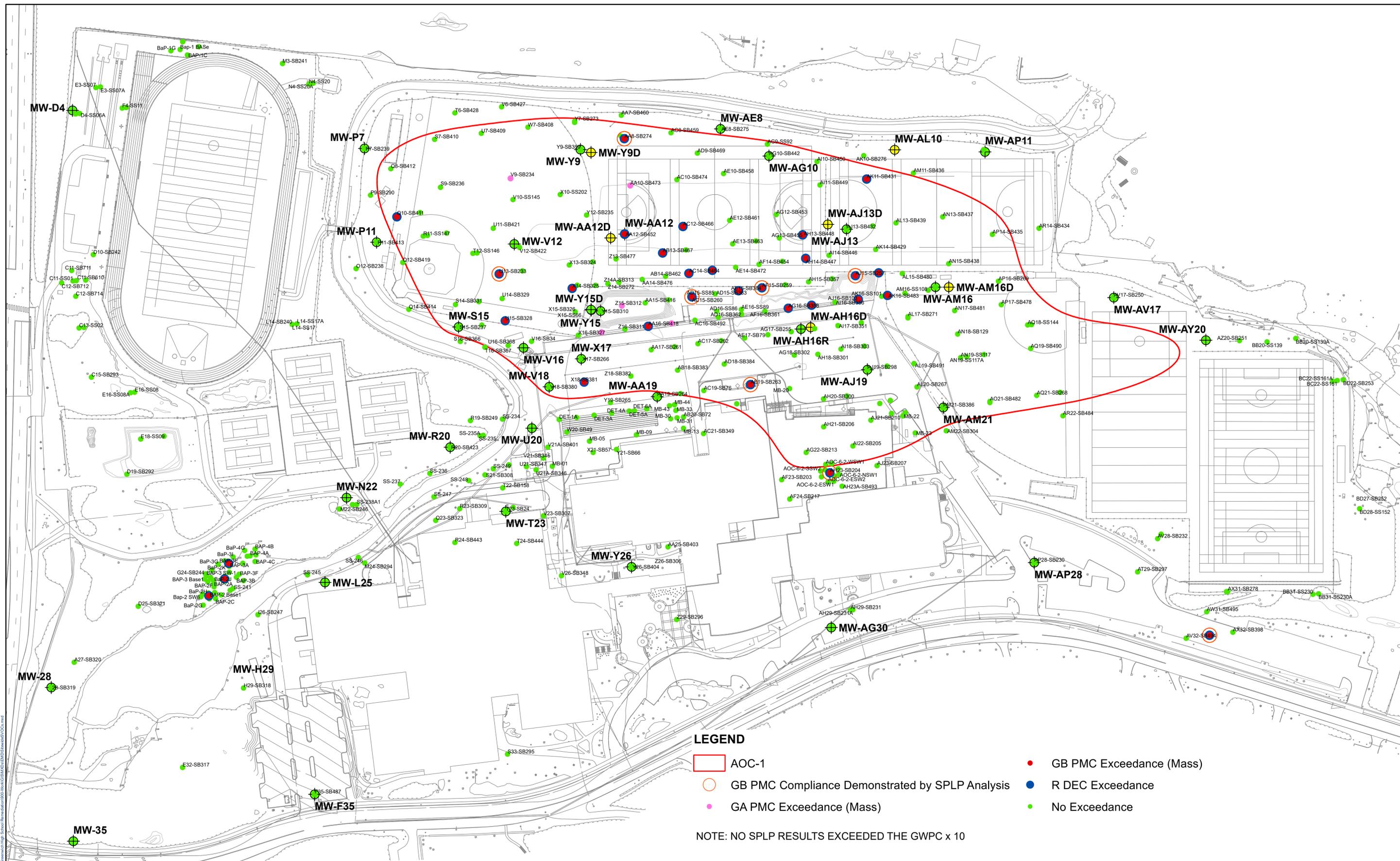
SOURCE:
2010 AERIAL ORTHOPHOTO FROM STATE OF CONNECTICUT
DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION



SWPC EXCEEDANCES IN GROUNDWATER
JUNE 2018 TO NOVEMBER 2020
PHASE II REMEDIAL ACTION PLAN

PROJECT NUMBER:
60432356

FIGURE:
3-9



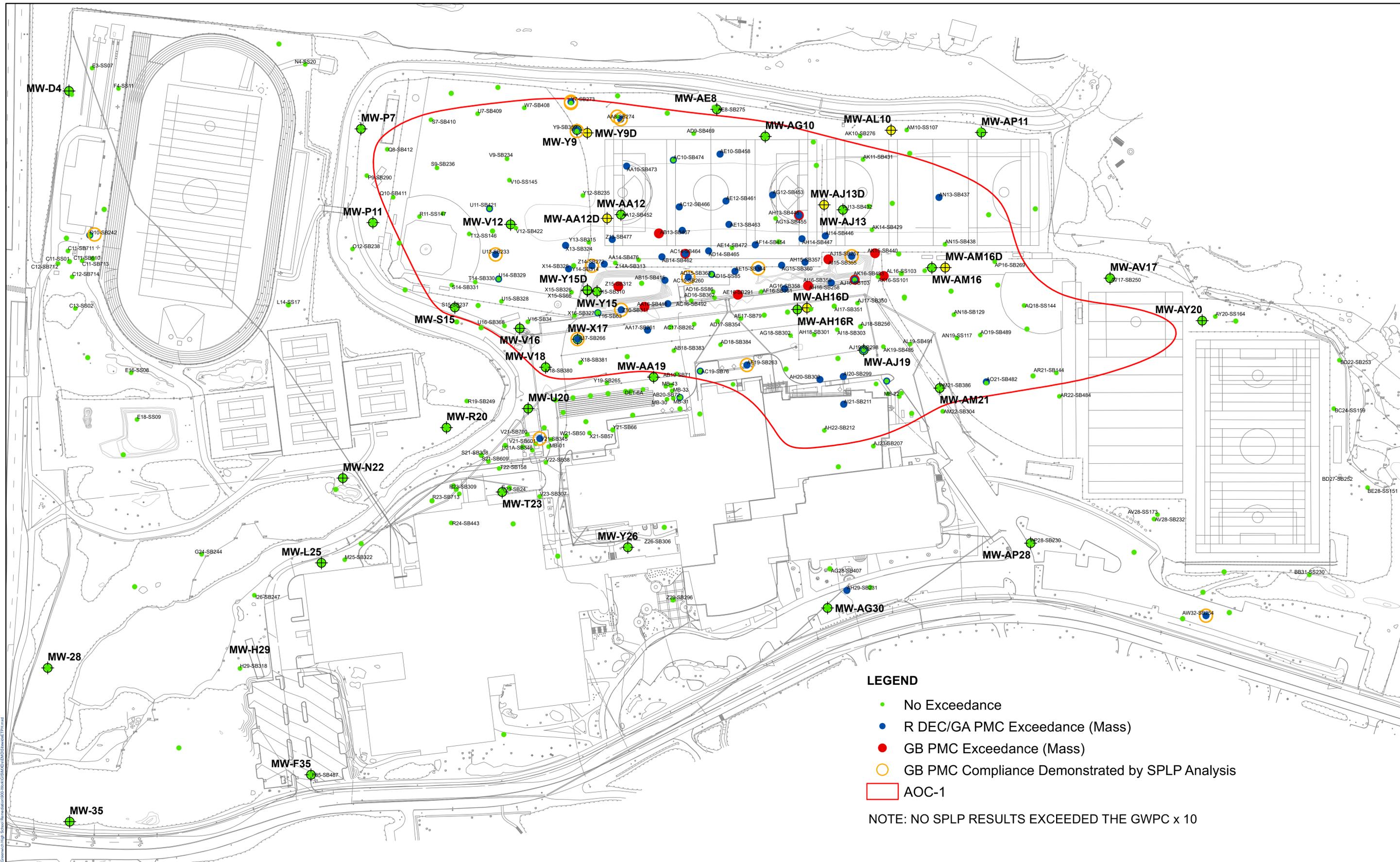
NOTES:
 1. EXCEEDANCES OF APPLICABLE CRITERIA WITH SAMPLE RESULTS BELOW LABORATORY REPORTING LIMITS ARE NOT SHOWN.
 2. ONLY SAMPLES WITH DETECTIONS ARE LABELED.

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SCALE:
 0 35 70 140 210 Feet
 1" = 70' SCALE
 UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

SITE-WIDE SVOC SAMPLE RESULTS
 PHASE II REMEDIAL ACTION PLAN
 GREENWICH HIGH SCHOOL
 10 HILLSIDE ROAD
 GREENWICH, CT

PROJECT NUMBER:
 60432356
 FIGURE:
3-10

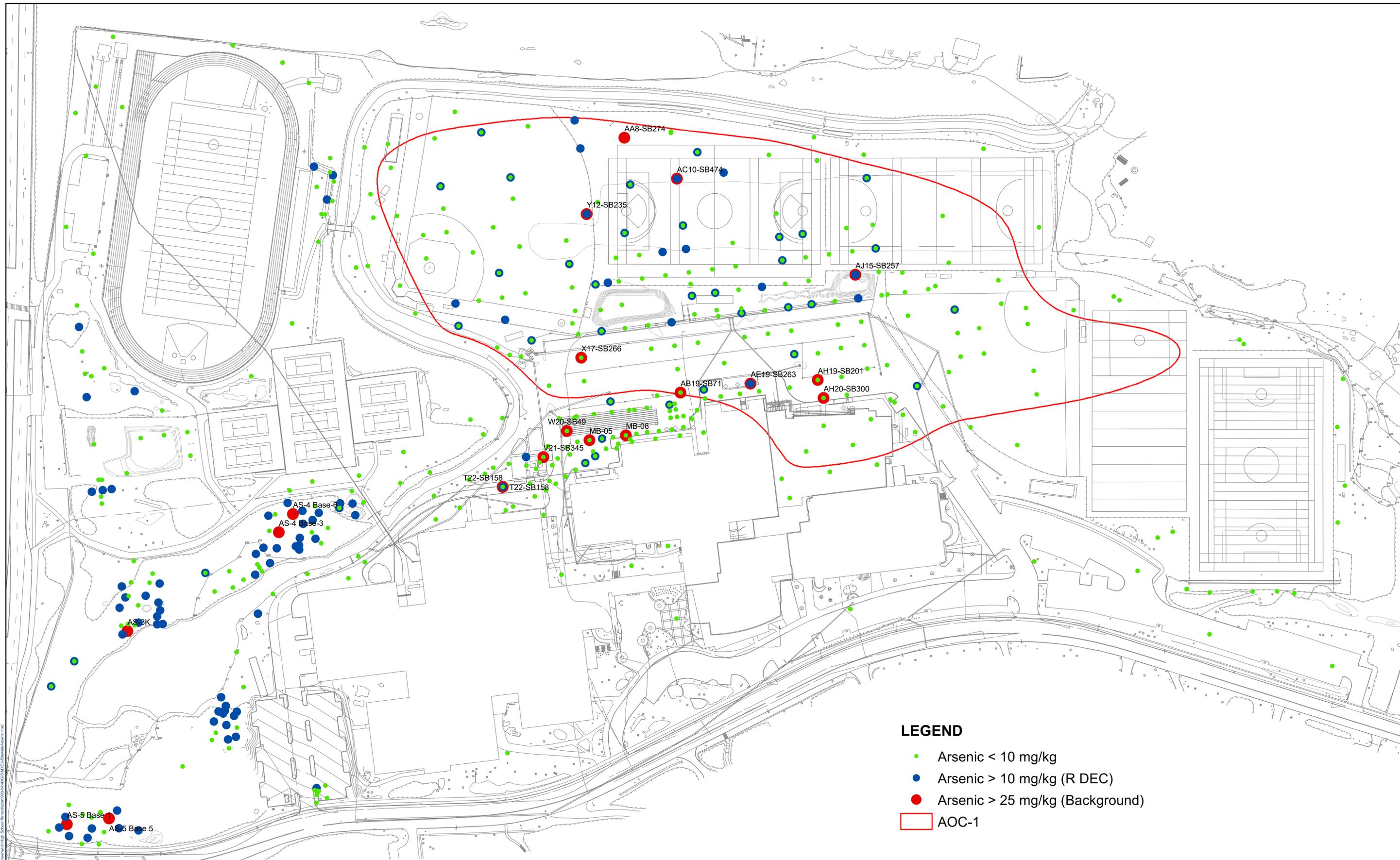


- LEGEND**
- No Exceedance
 - R DEC/GA PMC Exceedance (Mass)
 - GB PMC Exceedance (Mass)
 - GB PMC Compliance Demonstrated by SPLP Analysis
 - AOC-1

NOTE: NO SPLP RESULTS EXCEEDED THE GWPC x 10

NOTE:
 1. EXCEEDANCES OF APPLICABLE CRITERIA WITH SAMPE RESULTS BELOW LABORATORY REPORTING LIMITS ARE NOW SHOWN.
 2. ONLY SAMPLES WITH DETECTIONS ARE LABELED.

	<p>SCALE: 0 20 40 80 120 Feet 1" = 40' SCALE</p>	<p>SITEWIDE ETPH SAMPLE RESULTS PHASE II REMEDIAL ACTION PLAN</p> <p>GREENWICH HIGH SCHOOL 10 HILLSIDE ROAD GREENWICH, CT</p>	<p>PROJECT NUMBER: 60432356</p> <p>FIGURE: 3-11</p>
--	---	--	---



LEGEND

- Arsenic < 10 mg/kg
- Arsenic > 10 mg/kg (R DEC)
- Arsenic > 25 mg/kg (Background)
- AOC-1

NOTES:
 1. EXCEEDANCES OF APPLICABLE CRITERIA WITH SAMPLE RESULTS BELOW LABORATORY REPORTING LIMITS ARE NOT SHOWN.
 2. ONLY SAMPLES WITH DETECTIONS GREATER THAN BACKGROUND ARE LABELED.

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SCALE:
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 Feet
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UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

**SITE-WIDE ARSENIC SAMPLE RESULTS
 PHASE II REMEDIAL ACTION PLAN**

GREENWICH HIGH SCHOOL
 10 HILLSIDE ROAD
 GREENWICH, CT

PROJECT NUMBER:
 60432356

FIGURE:
3-14

Path: \\a11h1001\Users\AET\OneDrive\Greenwich High School Remediation\000_Visit\GIS\MapDocs\New\Arsenic.mxd

NOTE: COLOR OF DOTS INDICATES PCB CONCENTRATION DETECTED IN SAMPLES. REFER TO LEGEND.

T21-SB402 (1-2 ft)	
Pb	38.8
As	7.18
(6.5-7.5 ft)	
Pb	14.8
As	4.42
ETPH	ND

S21-SB308 (3-5 ft)	
Pb	49.8
As	7.09
ETPH	469
(8-10 ft)	
Pb	2.87
As	1.5
ETPH	ND

S21-SB609 (3-5 ft)	
Pb	77
Pb SPLP	0.67 mg/L
ETPH	160

R23-SB712 (2-3 ft)	
ETPH	280

R23-SB309 (2-3 ft)	
Pb	36.9
As	5
ETPH	500
(8-9 ft)	
ETPH	ND

R23-SB713 (2-3 ft)	
ETPH	44

T23-SB24 (2-3 ft)	
Pb	18.9
As	3.69
ETPH	67.3

T23-SB305 (1-3 ft)	
Pb	7.05
As	2.42
ETPH	ND

V21-SB601 (5-6 ft)	
Pb	45
Pb SPLP	0.015 mg/L
As	2.4
ETPH	30
(6-8 ft)	
Pb	23
Pb SPLP	0.2 mg/L
As	ND
ETPH	31

U21-SB347 (2-2.5 ft)	
Pb	4.94
As	1.49
(4-5 ft)	
ETPH	ND

V21-SB700 (0-2 ft)	
Pb	1600
Pb SPLP	0.55 mg/L
As	14
ETPH	34

V21A-SB401 (2-3 ft)	
Pb	28.9
As	5.31
(4-5 ft)	
Pb	65.2
As	4.61
ETPH	ND
(5-5.5 ft)	
Pb	21.6
As	5.87

V21-SB345 (1-2 ft)	
Pb	16.9
As	3.59
(5-6 ft)	
Pb	1400
Pb SPLP	0.08 mg/L
As	102
As SPLP	0.021 mg/L
ETPH	600
ETPH	<0.1 mg/L

V21-SB600 (5-6 ft)	
Pb	15
Pb SPLP	0.009 mg/L
As	ND
ETPH	41

U21A-SB346 (0.5-1 ft)	
Pb	24
As	3.09
(3-4 ft)	
ETPH	70

T22-SB158 (1-2 ft)	
Pb	19.1
As	3.99
(2-3 ft)	
Pb	119
As	26.9
ETPH	99.9

(3-4 ft)	
Pb	56.2
As	41.8
ETPH	52.4
(5-6 ft)	
Pb	11.2
As	11.7
(6-7 ft)	
As	ND

LEGEND:
 ● NON-PCB SAMPLE
 ● COLORS INDICATE THE MAXIMUM PCB CONCENTRATION IN SOIL:
 ● NOT DETECTED
 ● ≤1 mg/kg
 ● ≤1-510 mg/kg
 ● >10 - ≤50 mg/kg
 ● >50 - ≤100 mg/kg
 ● >100 - ≤500 mg/kg
 ● >500 mg/kg

NOTES:
 1. COLOR OF DOTS INDICATE PCB CONCENTRATION DETECTED IN SAMPLES. ONLY THE HIGHEST PCB SAMPLE CONCENTRATION AT EACH SAMPLING LOCATION IS SHOWN.
 2. CONCENTRATIONS IN PPM UNLESS OTHERWISE NOTED.
 3. SAMPLE RESULTS HIGHLIGHTED RED IN DATA BOXES INDICATE CONCENTRATION EXCEEDS RDEC/GA PMC AND BACKGROUND LEVELS.



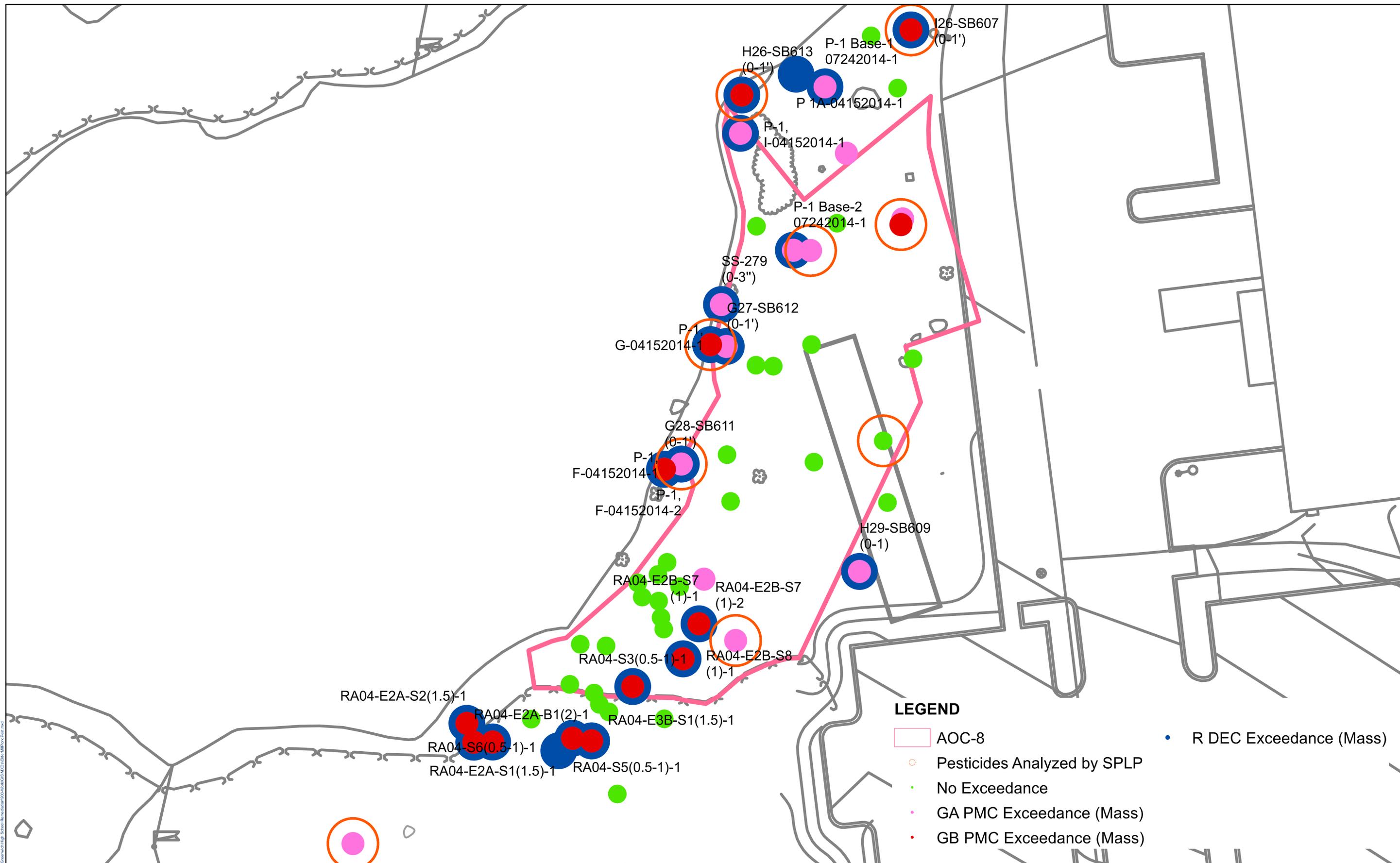
GREENWICH HIGH SCHOOL
 10 HILLSIDE RD
 GREENWICH, CT

FIGURE 3-15
 AOCs 3, 5, 6, AND 9
 INVESTIGATION SAMPLE RESULTS
 PHASE II REMEDIAL ACTION PLAN

JOB 60432356
 FILE NO.
 CAD FILE AOC_3_5_6_9_RAP
 SHEET 3-15

DECEMBER 2020

PATH: \\SRK\PROJ\DATA\REVIEWS\60432356 GREENWICH HIGH SCHOOL REMEDIATION\900-WORK\GIS\CAD\PHASE II RAP\AOC_3_5_6_9_RAP.DWG
 LAST UPDATE: Wednesday, December 30, 2020 3:45:15 PM
 PLOT DATE: Thursday, January 07, 2021 9:04:14 AM
 ARCH D - 3-7-05



NOTES:
 1. EXCEEDANCES OF APPLICABLE CRITERIA WITH SAMPLE RESULTS BELOW LABORATORY REPORTING LIMITS ARE NOT SHOWN.
 2. ONLY SAMPLE LOCATIONS WITH R DEC EXCEEDANCES ARE LABELED.

GREENWICH HIGH SCHOOL
 10 HILLSIDE ROAD
 GREENWICH, CT

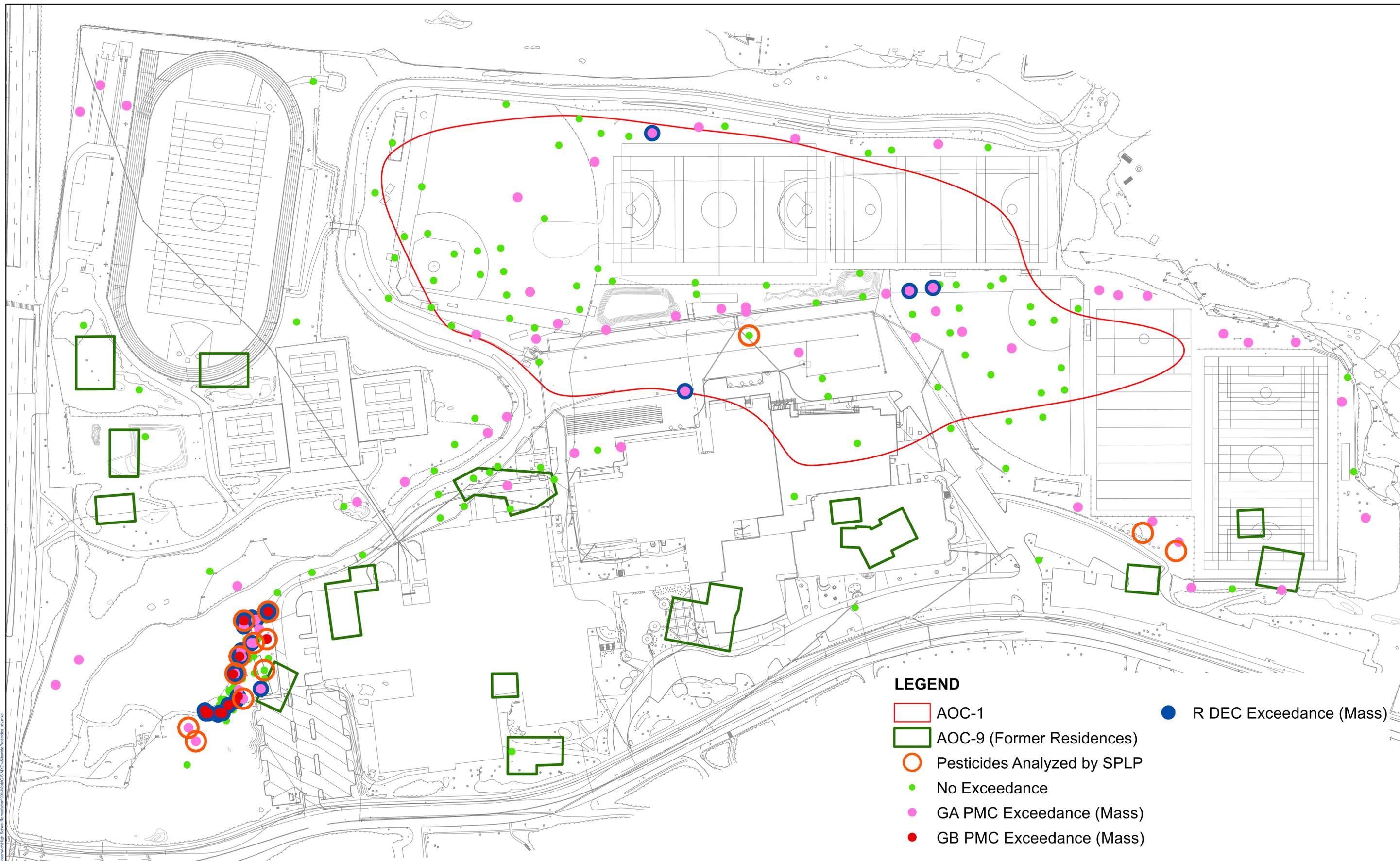
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SCALE:

 1" = 10' SCALE
UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

AOC 8 CIDER MILL POND
 PESTICIDE SAMPLE RESULTS
 PHASE II REMEDIAL ACTION PLAN

PROJECT NUMBER:
 60432356
 FIGURE:
3-16



LEGEND

- AOC-1
- AOC-9 (Former Residences)
- Pesticides Analyzed by SPLP
- No Exceedance
- GA PMC Exceedance (Mass)
- GB PMC Exceedance (Mass)
- R DEC Exceedance (Mass)

NOTES:
 1. EXCEEDANCES OF APPLICABLE CRITERIA WITH SAMPLE RESULTS BELOW LABORATORY REPORTING LIMITS ARE NOT SHOWN.

GREENWICH HIGH SCHOOL
 10 HILLSIDE ROAD
 GREENWICH, CT

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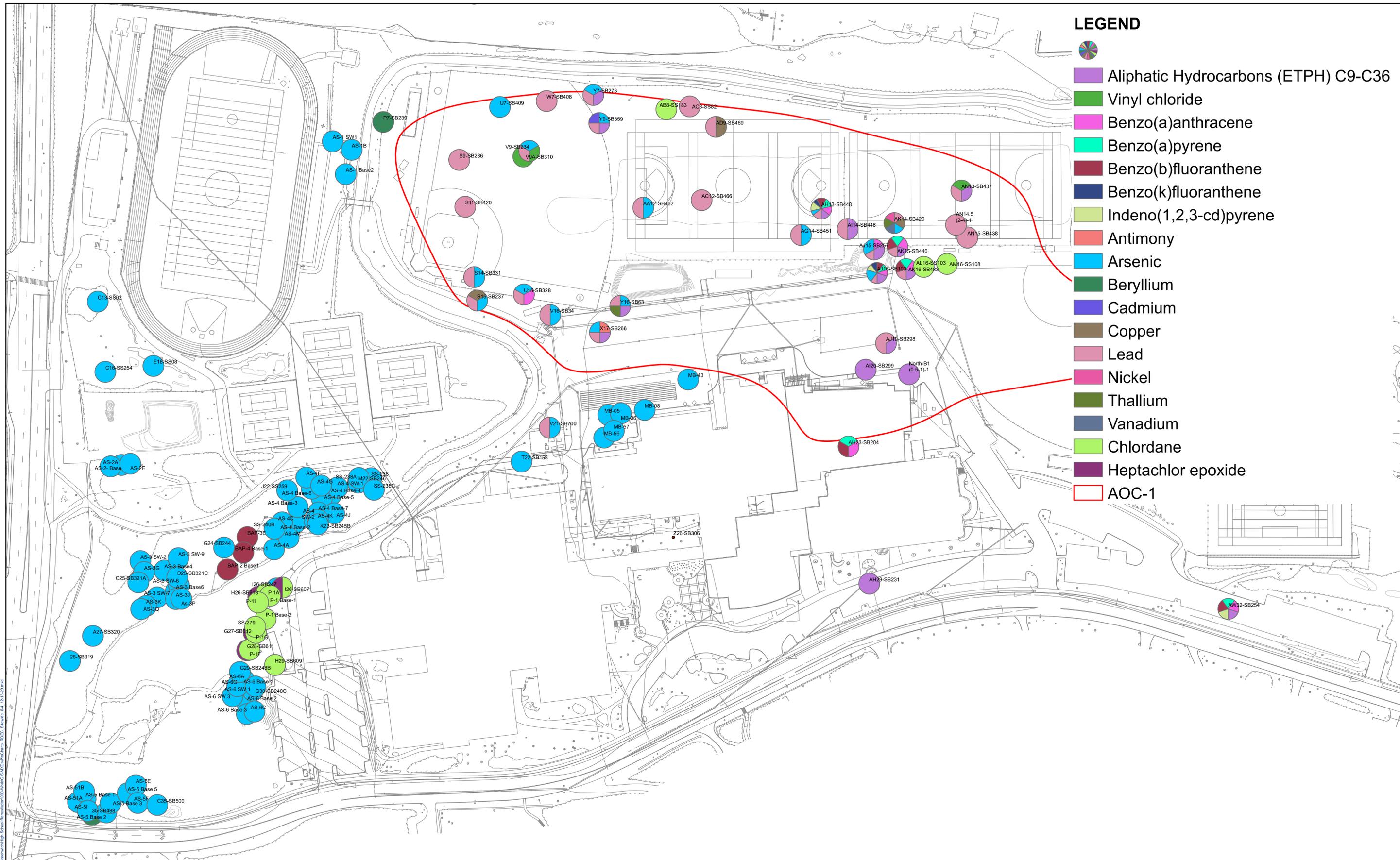
SCALE:
 0 35 70 140 210
 Feet
 1" = 70' SCALE

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

**SITE-WIDE PESTICIDE SAMPLE RESULTS
 PHASE II REMEDIAL ACTION PLAN**

PROJECT NUMBER:
 60432356

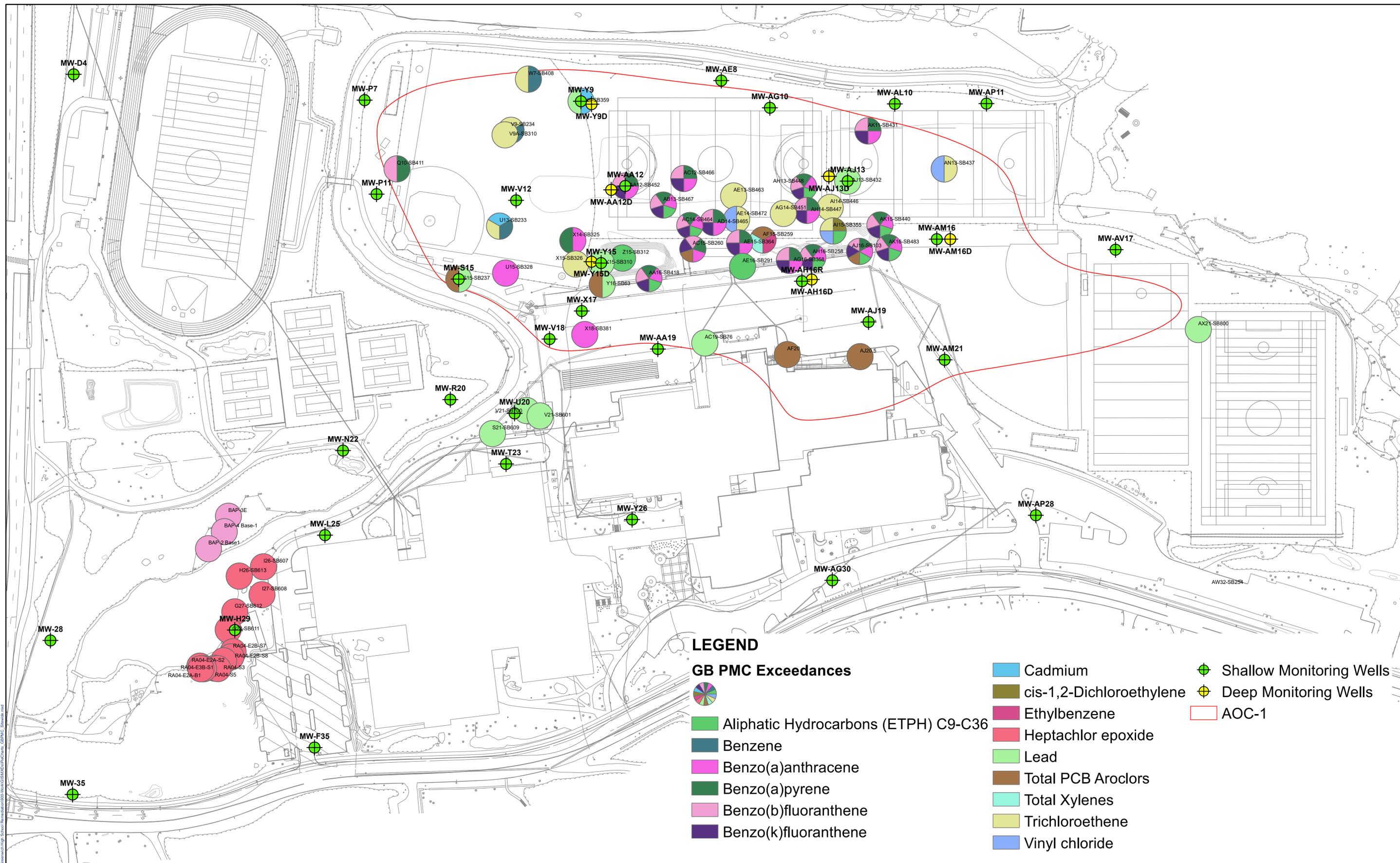
FIGURE:
3-17



Note:
PCBs not shown in pie charts.

	SCALE: 1" = 70' SCALE	SITESIDE R DEC EXCEEDANCES 0 TO 4 FT BGS GREENWICH HIGH SCHOOL 10 HILLSIDE ROAD GREENWICH, CT	PROJECT NUMBER: 60432356
			FIGURE: 3-19

Path: \\aecom\h2001\Users\jerry\ONE\60432356_Greenwich High School Remediation\00_Visual\GIS\Map\PCBChart_MDCG_SiteMap_Jul_15_13.mxd



NOTES:
 1. SAMPLES FOR WHICH PMC COMPLIANCE HAS BEEN ESTABLISHED BY SPLP ANALYSIS ARE NOT SHOWN.
 2. ONLY CRITERIA EXCEEDANCES ABOVE LABORATORY REPORTING LIMITS ARE SHOWN.

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SCALE:
 0 35 70 140 210 Feet
 1" = 70' SCALE

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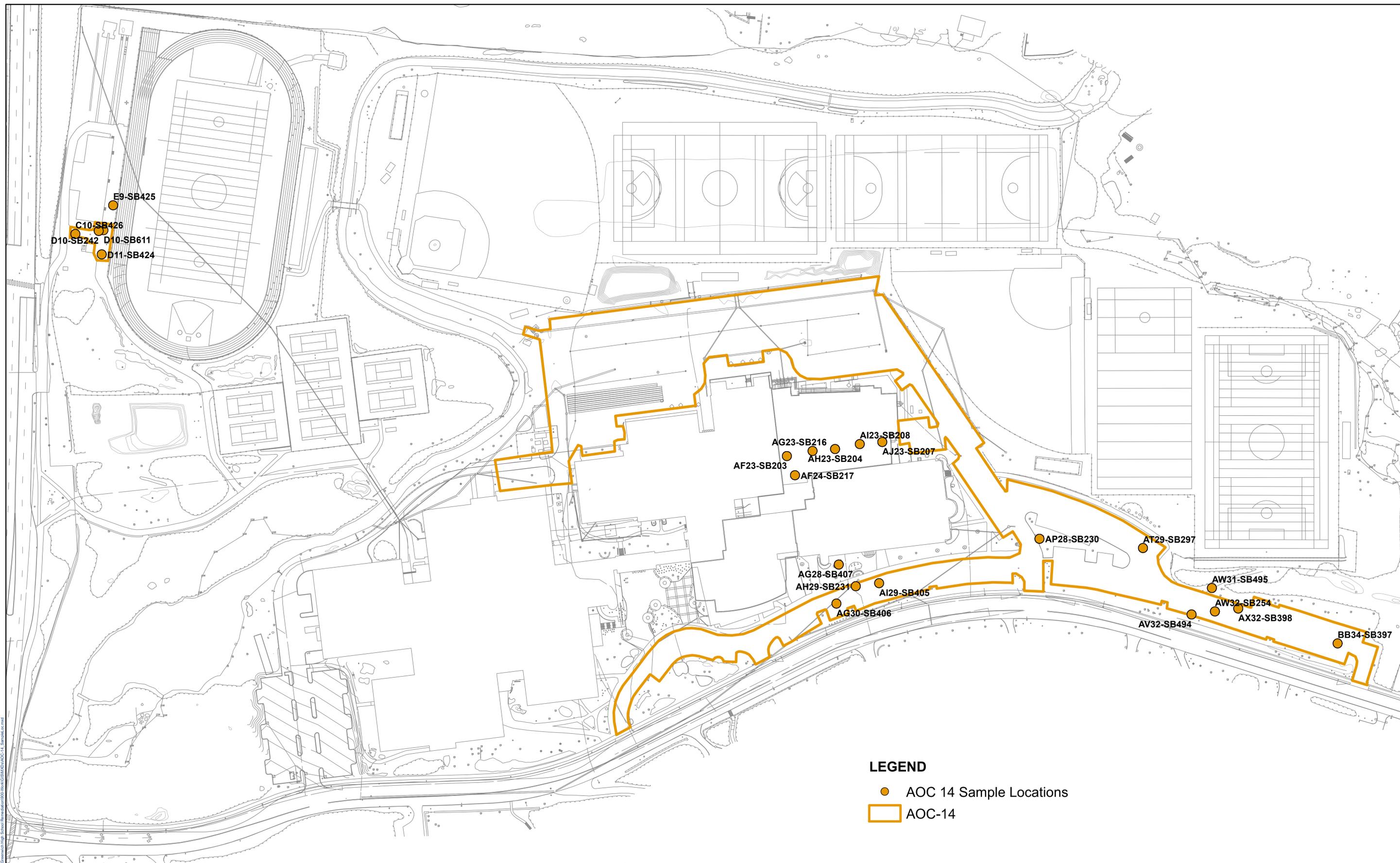
SITE-WIDE GB PMC EXCEEDANCES
 PHASE II REMEDIAL ACTION PLAN

GREENWICH HIGH SCHOOL
 10 HILLSIDE ROAD
 GREENWICH, CT

PROJECT NUMBER:
 60432356

FIGURE:
3-20

Path: \\a11h12001\Users\LESTER\My Documents\Greenwich High School Remediation\000_Visuals\GIS\MapDocs\GBPMC_SiteWide.mxd



Path: \\aecom\h20\01\10441\GREENWICH\GIS\AOC-14_SampleLoc.mxd

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SCALE:
 0 35 70 140 210
 Feet
 1" = 70' SCALE

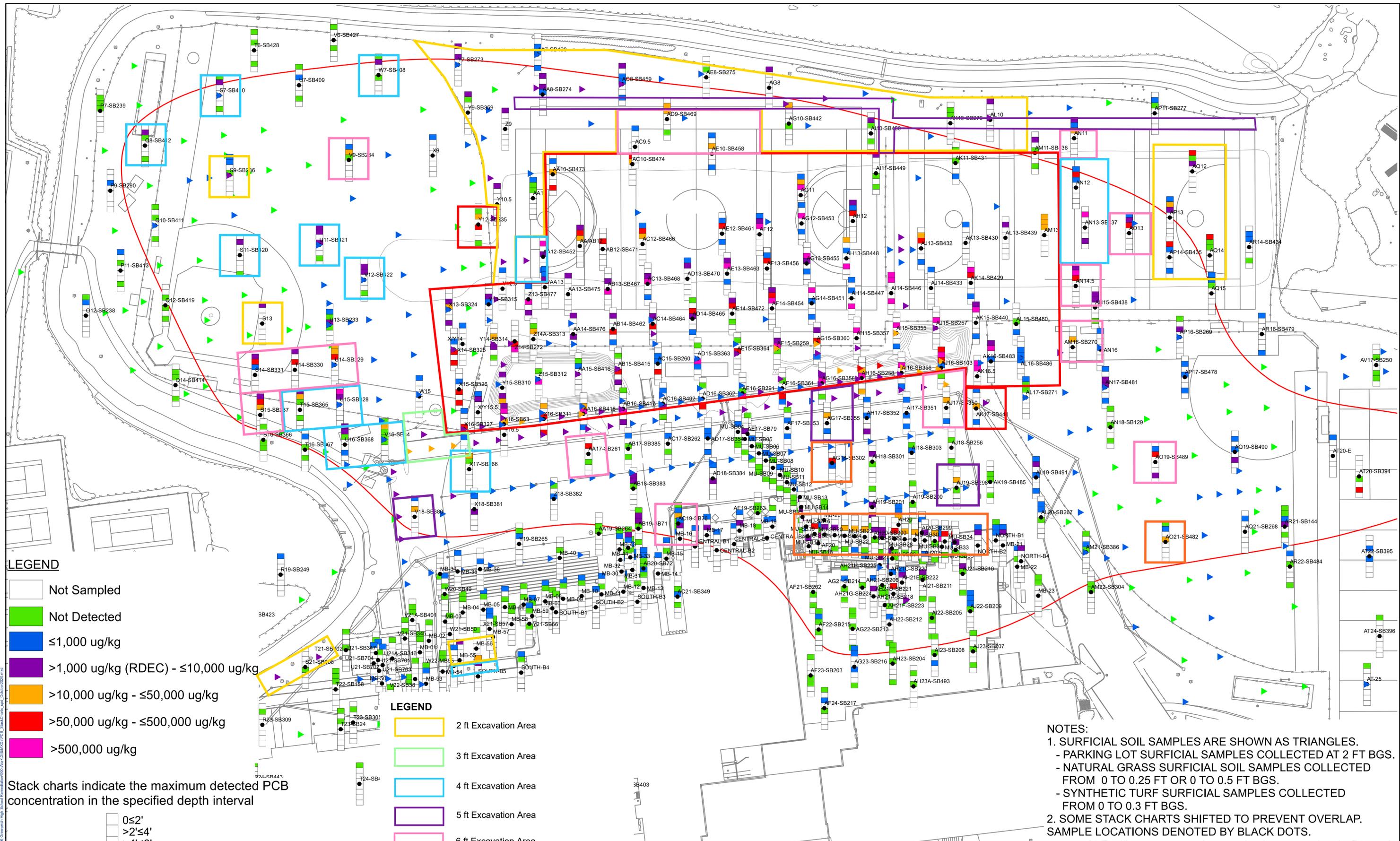
UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

**AOC-14 SAMPLE LOCATIONS
 PHASE II REMEDIAL ACTION PLAN**

GREENWICH HIGH SCHOOL
 10 HILLSIDE ROAD
 GREENWICH, CT

PROJECT NUMBER:
 60432356

FIGURE:
3-21



LEGEND

- Not Sampled
- Not Detected
- ≤1,000 ug/kg
- >1,000 ug/kg (RDEC) - ≤10,000 ug/kg
- >10,000 ug/kg - ≤50,000 ug/kg
- >50,000 ug/kg - ≤500,000 ug/kg
- >500,000 ug/kg

Stack charts indicate the maximum detected PCB concentration in the specified depth interval

LEGEND

- 0≤2'
- >2'≤4'
- >4'≤6'
- >6'≤8'
- >8'≤10'
- >10'≤12'
- >12'≤14'
- >14'≤16'

LEGEND

- 2 ft Excavation Area
- 3 ft Excavation Area
- 4 ft Excavation Area
- 5 ft Excavation Area
- 6 ft Excavation Area
- 7 ft Excavation Area
- 8-13 ft Excavation Area

NOTES:

- SURFICIAL SOIL SAMPLES ARE SHOWN AS TRIANGLES.
 - PARKING LOT SURFICIAL SAMPLES COLLECTED AT 2 FT BGS.
 - NATURAL GRASS SURFICIAL SOIL SAMPLES COLLECTED FROM 0 TO 0.25 FT OR 0 TO 0.5 FT BGS.
 - SYNTHETIC TURF SURFICIAL SAMPLES COLLECTED FROM 0 TO 0.3 FT BGS.
- SOME STACK CHARTS SHIFTED TO PREVENT OVERLAP. SAMPLE LOCATIONS DENOTED BY BLACK DOTS.

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SCALE:

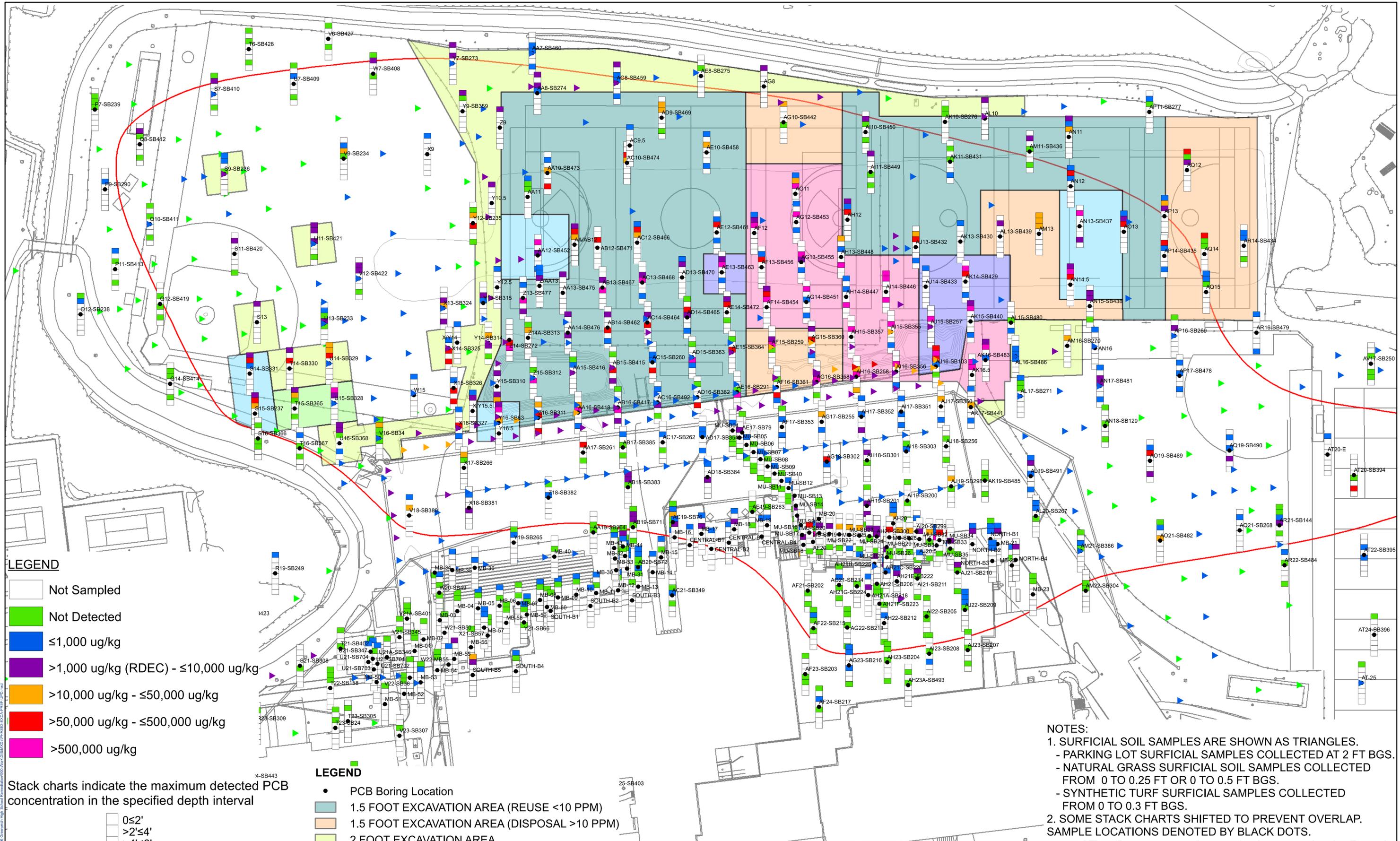
1" = 40' SCALE

**SCENARIO 1 (SELF-IMPLEMENTING) EXCAVATION AREAS
PHASE II REMEDIAL ACTION REPORT
GREENWICH HIGH SCHOOL
10 HILLSIDE ROAD
GREENWICH, CT**

PROJECT NUMBER:
60432356

FIGURE:
4-1

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION



LEGEND

- Not Sampled
- Not Detected
- ≤1,000 ug/kg
- >1,000 ug/kg (RDEC) - ≤10,000 ug/kg
- >10,000 ug/kg - ≤50,000 ug/kg
- >50,000 ug/kg - ≤500,000 ug/kg
- >500,000 ug/kg

Stack charts indicate the maximum detected PCB concentration in the specified depth interval

0≤2'
>2'≤4'
>4'≤6'
>6'≤8'
>8'≤10'
>10'≤12'
>12'≤14'
>14'≤16'

LEGEND

- PCB Boring Location
- 1.5 FOOT EXCAVATION AREA (REUSE <10 PPM)
- 1.5 FOOT EXCAVATION AREA (DISPOSAL >10 PPM)
- 2 FOOT EXCAVATION AREA
- 3 FOOT EXCAVATION AREA
- 4 FOOT EXCAVATION AREA
- 5 FOOT EXCAVATION AREA
- 6 FOOT EXCAVATION AREA

NOTES:

- SURFICIAL SOIL SAMPLES ARE SHOWN AS TRIANGLES.
 - PARKING LOT SURFICIAL SAMPLES COLLECTED AT 2 FT BGS.
 - NATURAL GRASS SURFICIAL SOIL SAMPLES COLLECTED FROM 0 TO 0.25 FT OR 0 TO 0.5 FT BGS.
 - SYNTHETIC TURF SURFICIAL SAMPLES COLLECTED FROM 0 TO 0.3 FT BGS.
- SOME STACK CHARTS SHIFTED TO PREVENT OVERLAP. SAMPLE LOCATIONS DENOTED BY BLACK DOTS.

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SCALE:

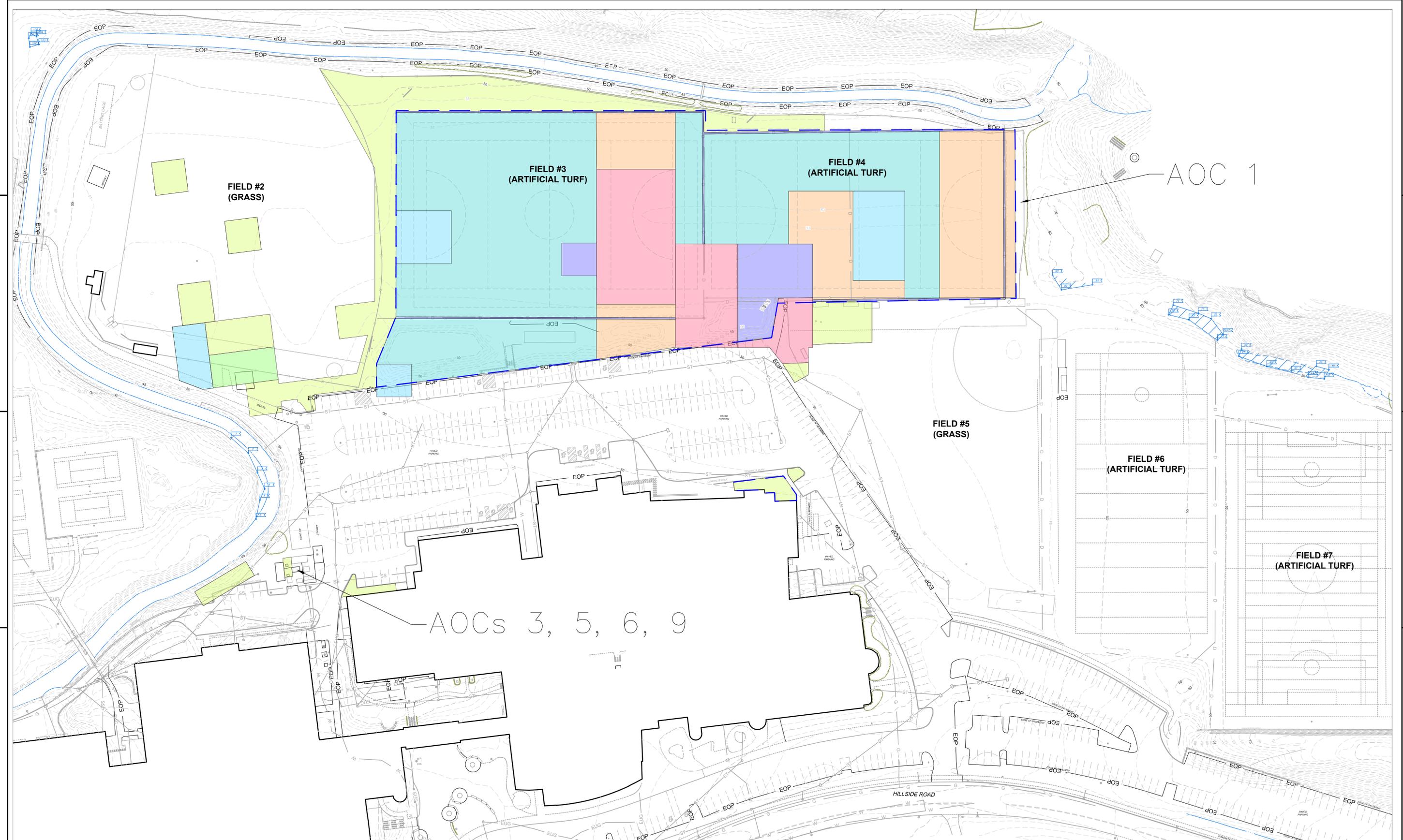
1" = 40' SCALE

PROJECT NUMBER:
60432356

FIGURE:
4-3

SCENARIO 3 EXCAVATION AREAS
PHASE II REMEDIAL ACTION PLAN
GREENWICH HIGH SCHOOL
10 HILLSIDE ROAD
GREENWICH, CT

PATH: \\USR\K2\FR01\DATA\EVERONE\60432356 GREENWICH HIGH SCHOOL REMEDIATION\900-WORK\GIS\CAD\PHASE II RAMP\PROPOSED_EXCAVATIONS-PRE.DWG
 LAST UPDATE: Tuesday, December 15, 2020 1:47:22 PM
 PLOT DATE: Tuesday, December 15, 2020 3:19:02 PM
 ARCH D - 3-7-05



LEGEND:

	1.5 FT EXCAVATION AREA (SOIL POTENTIALLY TO BE REUSED)
	1-2 FT EXCAVATION AREA (SOIL TO BE REUSED)
	3 FT EXCAVATION AREA
	4 FT EXCAVATION AREA
	5 FT EXCAVATION AREA
	6 FT EXCAVATION AREA
	EXTENT OF IMPERMEABLE LINER

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SCALE:

1" = 50'

SCALE FEET

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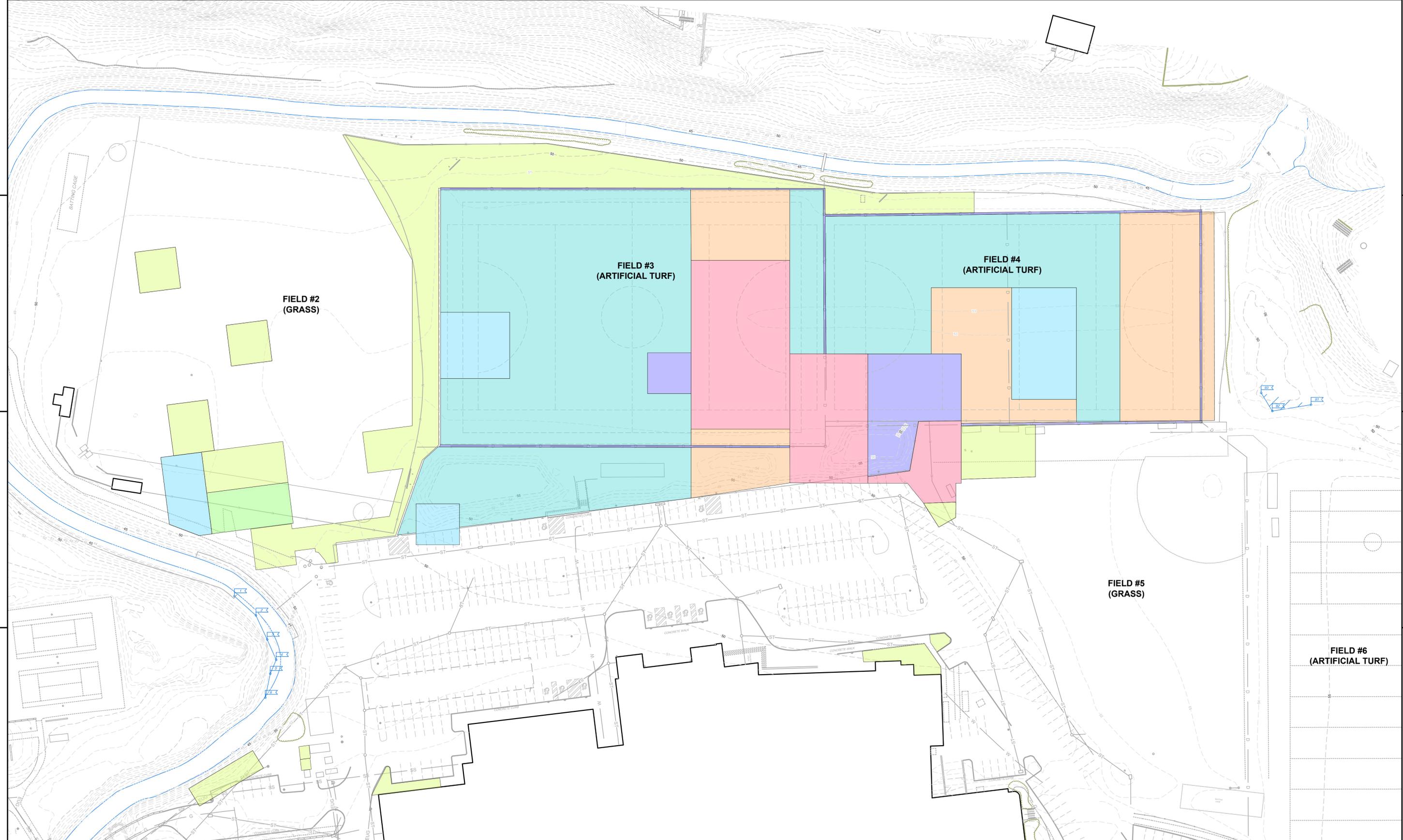
GREENWICH HIGH SCHOOL
 10 HILLSIDE RD
 GREENWICH, CT

FIGURE 6-1
 REMEDIATION PLAN OVERVIEW
 PHASE II REMEDIAL ACTION PLAN

DECEMBER 2020

JOB	60432356
FILE NO.	
CAD FILE	PROPOSED_EXCAVATIONS-PRE
SHEET	6-1

PATH: \\USR\K2\FR01\DATA\EVERONE\60432356 GREENWICH HIGH SCHOOL REMEDIATION\900-WORK\GIS\CAD\PHASE II RAP\PROPOSED_EXCAVATIONS-PREF.DWG
 LAST UPDATE: Saturday, December 26, 2020 7:31:09 AM
 PLOT DATE: Monday, January 04, 2021 10:50:11 AM
 ARCH D - 3-7-05



LEGEND:

PROPOSED PHASE II EXCAVATIONS:

■	1.5 FT EXCAVATION AREA (SOIL MAY BE REUSED)
■	1.5 FT EXCAVATION AREA (OFFSITE DISPOSAL)
■	1-2 FT EXCAVATION AREA (PORTIONS OF SOIL TO BE REUSED)
■	3 FT EXCAVATION AREA
■	4 FT EXCAVATION AREA
■	5 FT EXCAVATION AREA
■	6 FT EXCAVATION AREA

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SCALE:

1" = 40'

SCALE

0 40 80 120 FEET

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GREENWICH HIGH SCHOOL
 10 HILLSIDE RD
 GREENWICH, CT

FIGURE 6-2

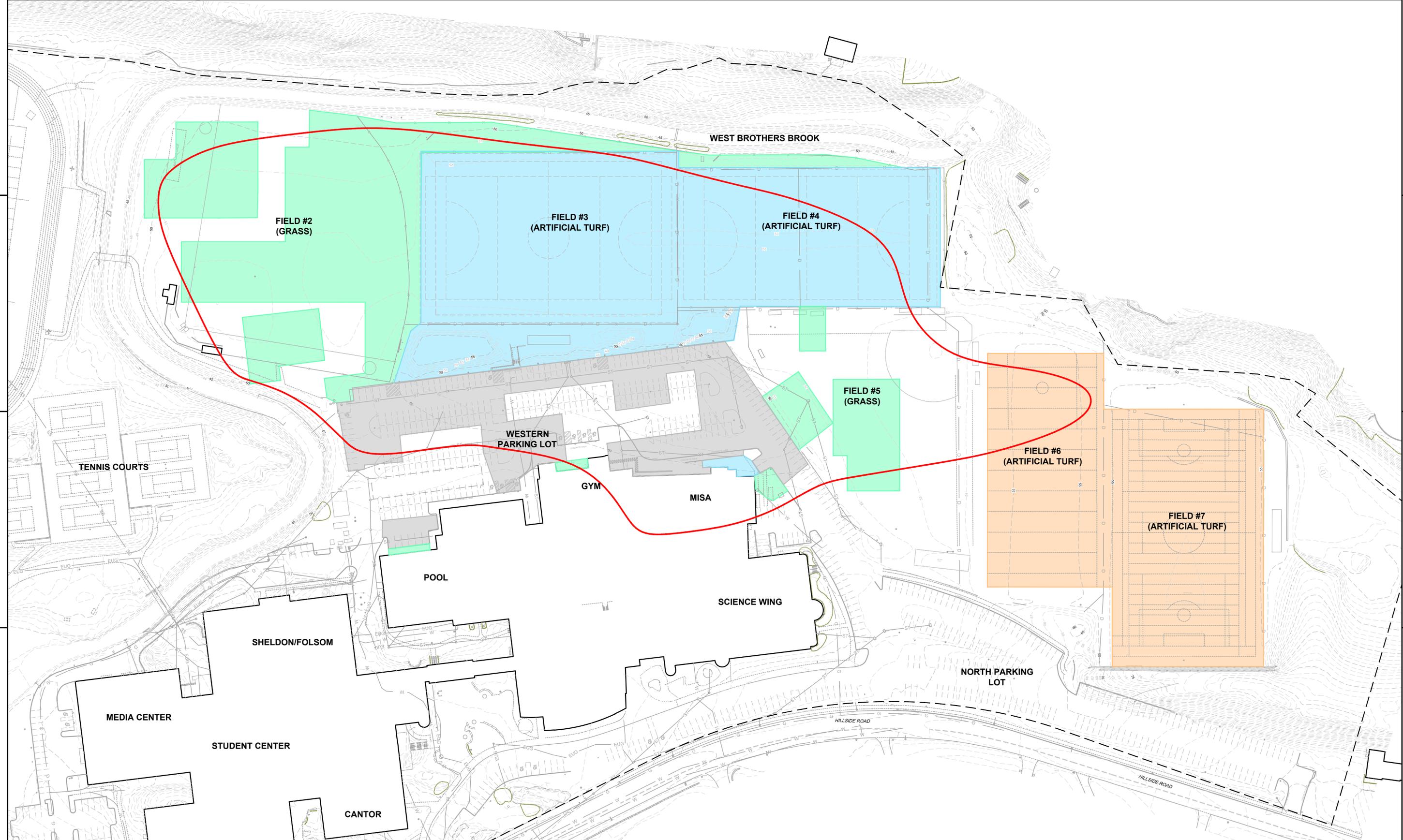
AOC 1 EXCAVATION EXTENTS

PHASE II REMEDIAL ACTION PLAN

DECEMBER 2020

JOB	60432356
FILE NO.	
CAD FILE	PROPOSED_EXCAVATIONS-PREF
SHEET	6-2

PATH: \\USR\K12\PROJ\DATA\REVIEWS\60432356_GREENWICH_HIGH_SCHOOL_REMEDIATION\900-WORK\GIS\CAD\PHASE_I\RAW\PROPOSED-EC-AREAS.DWG
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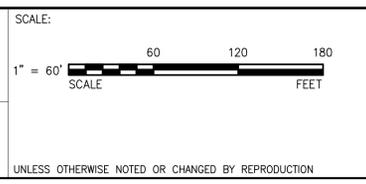


LEGEND:

	PROPERTY BOUNDARY
	EXTENTS OF HISTORICAL FILL PLACEMENT (AOC 1)
	EC BOUNDARY - ASPHALT/CONCRETE AND SUBBASE
	EC BOUNDARY - >= 2 FEET SOIL
	EC BOUNDARY - GEOTEXTILE, 0-12 INCHES STONE & IMPERMEABLE LINER
	EC BOUNDARY - FIELDS 6&7 - CONSTRUCTED IN SUMMER 2020 (PHASE I)

NOTES:
 1. LIMITS OF ENGINEERED CONTROLS SUBJECT TO CHANGE BASED ON EXCAVATION ACTIVITIES AND VERIFICATION SAMPLING.

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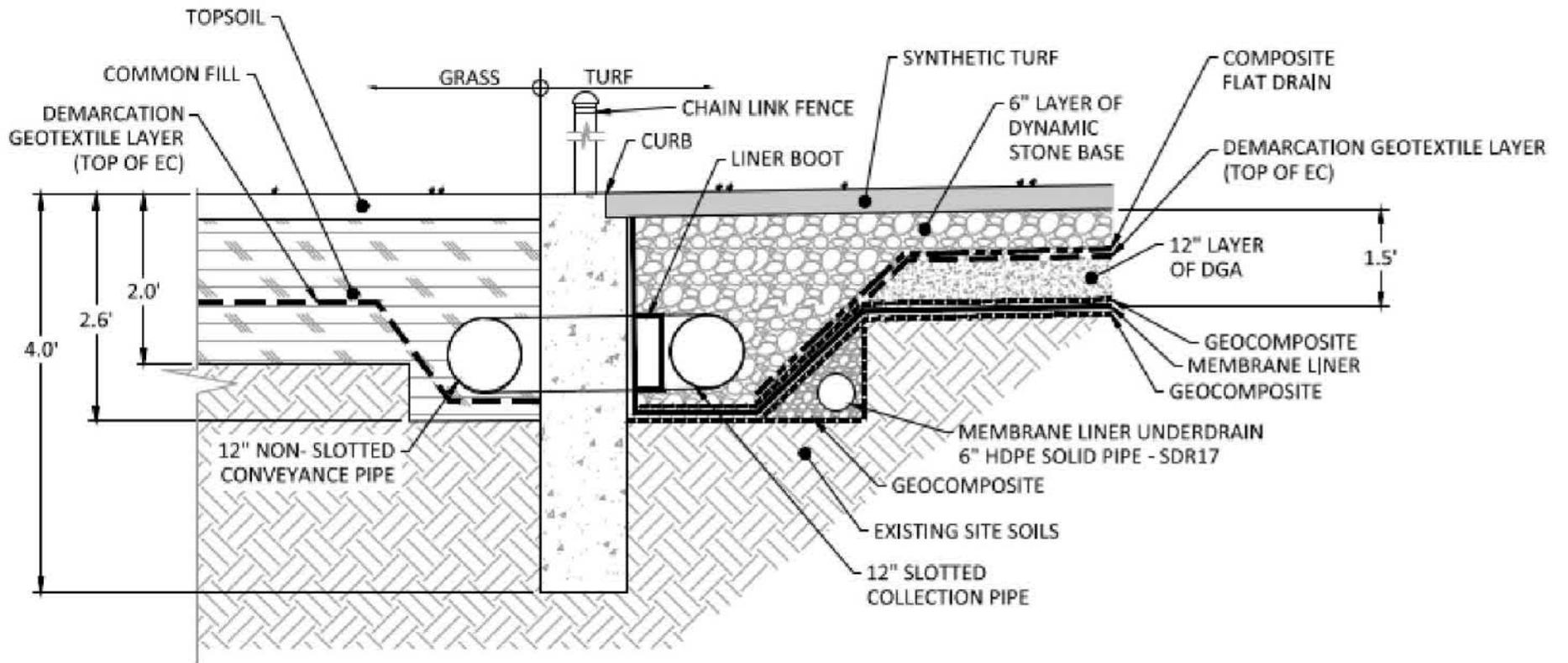


GREENWICH HIGH SCHOOL
 10 HILLSIDE RD
 GREENWICH, CT

FIGURE 6-3
 PROPOSED AND EXISTING
 ENGINEERED CONTROL AREAS

JANUARY 2021

JOB	60432356
FILE NO.	
CAD FILE	PROPOSED-EC-AREAS
SHEET	

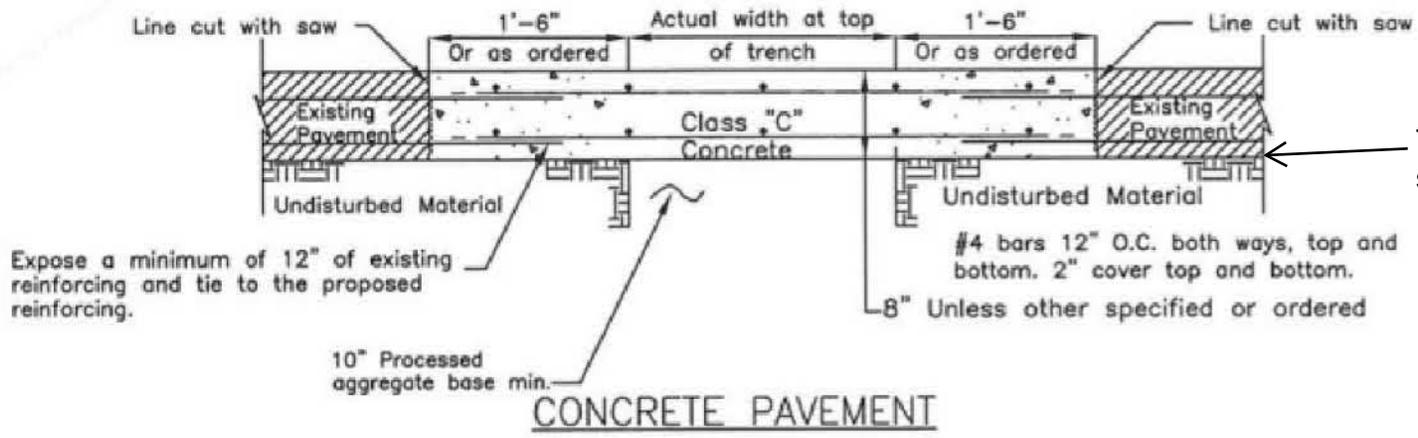


1 ATHLETIC FIELD RESTORATION DETAIL 1
D-02 NOT TO SCALE

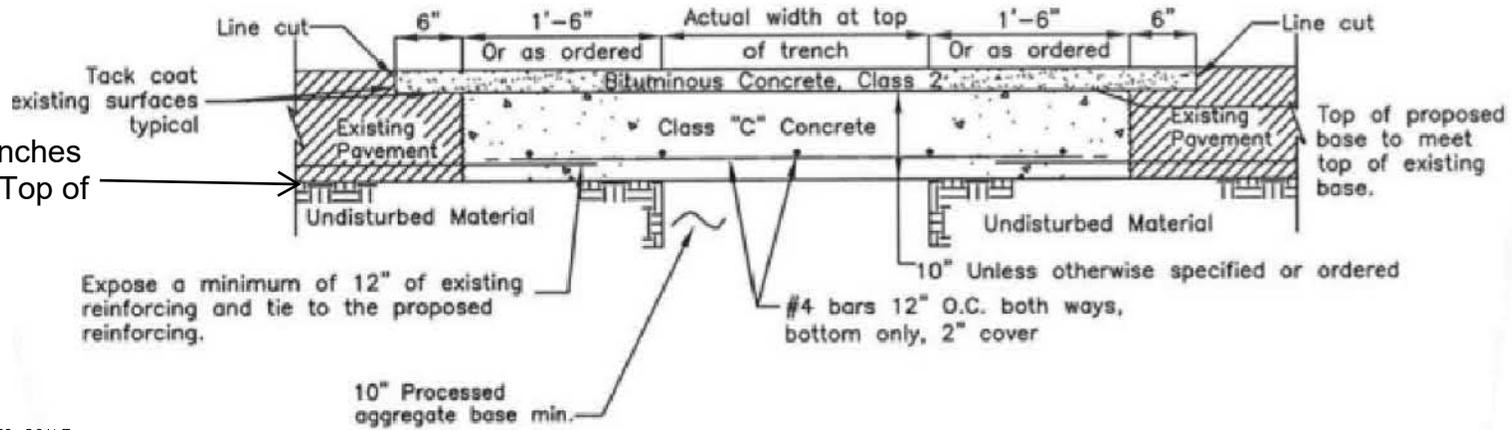
VERTICAL SCALE: NOT TO SCALE
HORIZONTAL SCALE: NOT TO SCALE

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LEGEND:  <small>AECOM Engineering 100 WATERBURY ST. 14 SUITE 400, CT 06907 WATERBURY, CT</small>	SCALE: VERTICAL SCALE: NOT TO SCALE HORIZONTAL SCALE: NOT TO SCALE UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION	GREENWICH HIGH SCHOOL 19 WILKES RD GREENWICH, CT FIGURE 6-4 IMPERMEABLE BARRIER ENGINEERED CONTROL CROSS SECTION	JOB: <u>60432356</u> FILE NO.: _____ CAD FILE: <u>60432356</u> SHEET: _____
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CONCRETE PAVEMENT



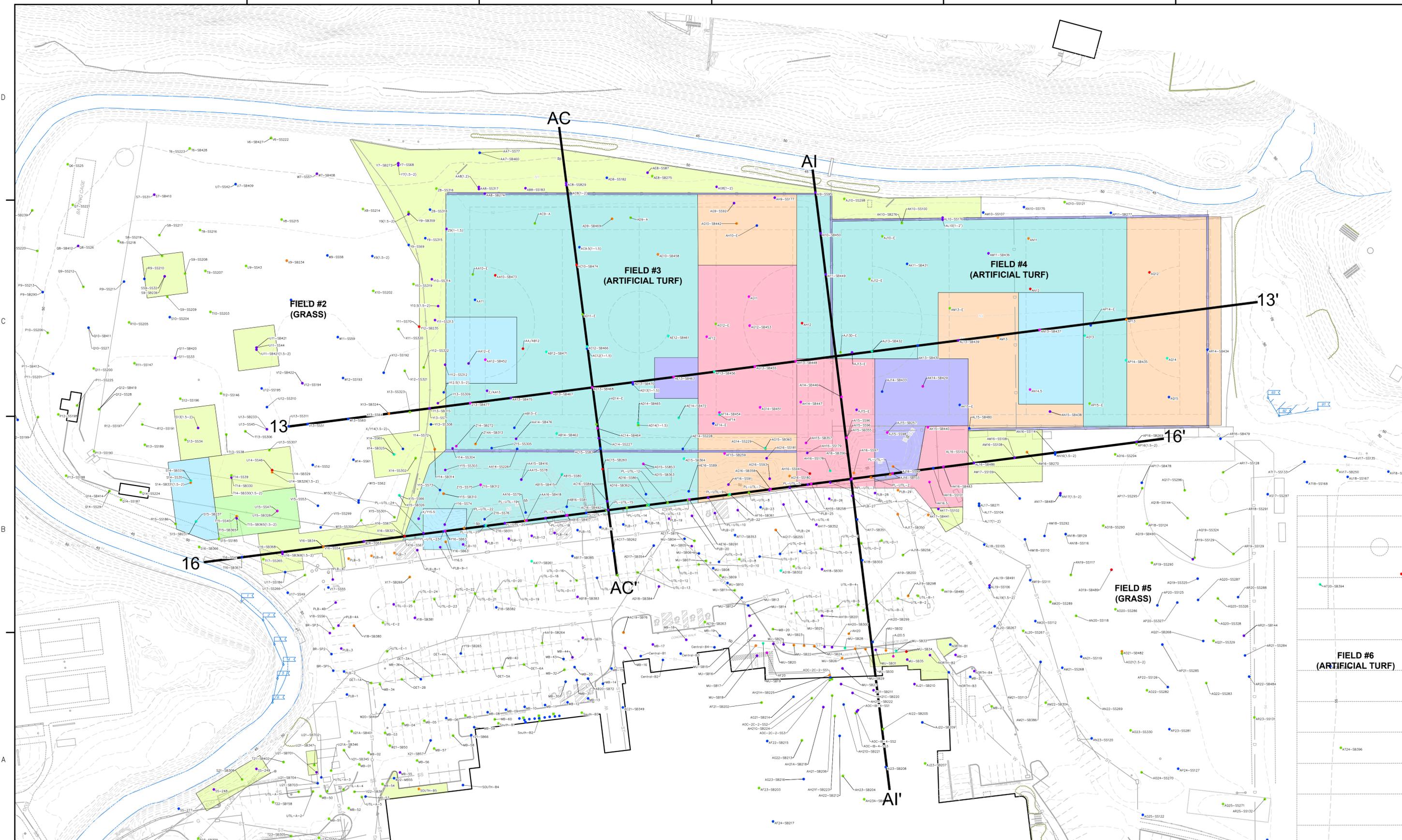
BITUMINOUS CONCRETE ON CONCRETE BASE

VERTICAL SCALE: NOT TO SCALE
 HORIZONTAL SCALE: NOT TO SCALE

<p>LEGEND:</p> <p>AECOM 100 WATERBURY ST. 15A SUITE 400 WASHINGTON, DC 20004</p>	<p>SCALE:</p> <p>VERTICAL SCALE: NOT TO SCALE HORIZONTAL SCALE: NOT TO SCALE</p> <p>UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION</p>	<p>GREENWICH HIGH SCHOOL 59 WILKES RD GREENWICH, CT</p> <p>FIGURE 6-5 ASPHALT AND CONCRETE ENGINEERED CONTROL CROSS SECTION PHASE II REMEDIAL ACTION PLAN</p>	<p>JOB: 60432356</p> <p>FILE NO.: _____</p> <p>CAD FILE: 60432356</p> <p>SHEET: _____</p>
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 Date: November 26, 2020 3:04:11 PM
 Plot Date: Sunday, November 26, 2020 12:40:23 PM
 ARCH D - 3-7-09

PATH: \\SRK2\FR001\DATA\EVERYONE\60432356 GREENWICH HIGH SCHOOL REMEDIATION\900-WORK\GIS\CAD\PHASE II RAMP\PROPOSED_EXCAVATIONS-PREF.DWG
 LAST UPDATE: Monday, January 04, 2021 10:56:13 AM
 PLOT DATE: Tuesday, January 05, 2021 5:08:45 PM
 ARCH D - 3-7-05



LEGEND:

PROPOSED PHASE II EXCAVATIONS:

- 1.5 FT EXCAVATION AREA (SOIL MAY BE REUSED)
- 1.5 FT EXCAVATION AREA (OFFSITE DISPOSAL)
- 1-2 FT EXCAVATION AREA (PORTIONS OF SOIL TO BE REUSED)
- 3 FT EXCAVATION AREA
- 4 FT EXCAVATION AREA
- 5 FT EXCAVATION AREA
- 6 FT EXCAVATION AREA

COLORS INDICATE THE MAXIMUM PCB CONCENTRATION IN SOIL:

- Blue: NDT DETECTED
- Green: 51 mg/kg
- Yellow: $51 - 510 \text{ mg/kg}$
- Orange: $510 - 5100 \text{ mg/kg}$
- Red: $5100 - 51000 \text{ mg/kg}$
- Purple: 51000 mg/kg

NOTE: ONLY THE HIGHEST SAMPLE CONCENTRATION AT EACH SAMPLING LOCATION IS SHOWN.

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SCALE:

1" = 40'
 SCALE

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GREENWICH HIGH SCHOOL
 10 HILLSIDE RD
 GREENWICH, CT

FIGURE 6-7
 CROSS SECTION LOCATIONS
 SITE PLAN

JOB: 60432356
 FILE NO.:
 CAD FILE: PROPOSED_EXCAVATIONS-PREF
 SHEET:

DECEMBER 2020

LEGEND:

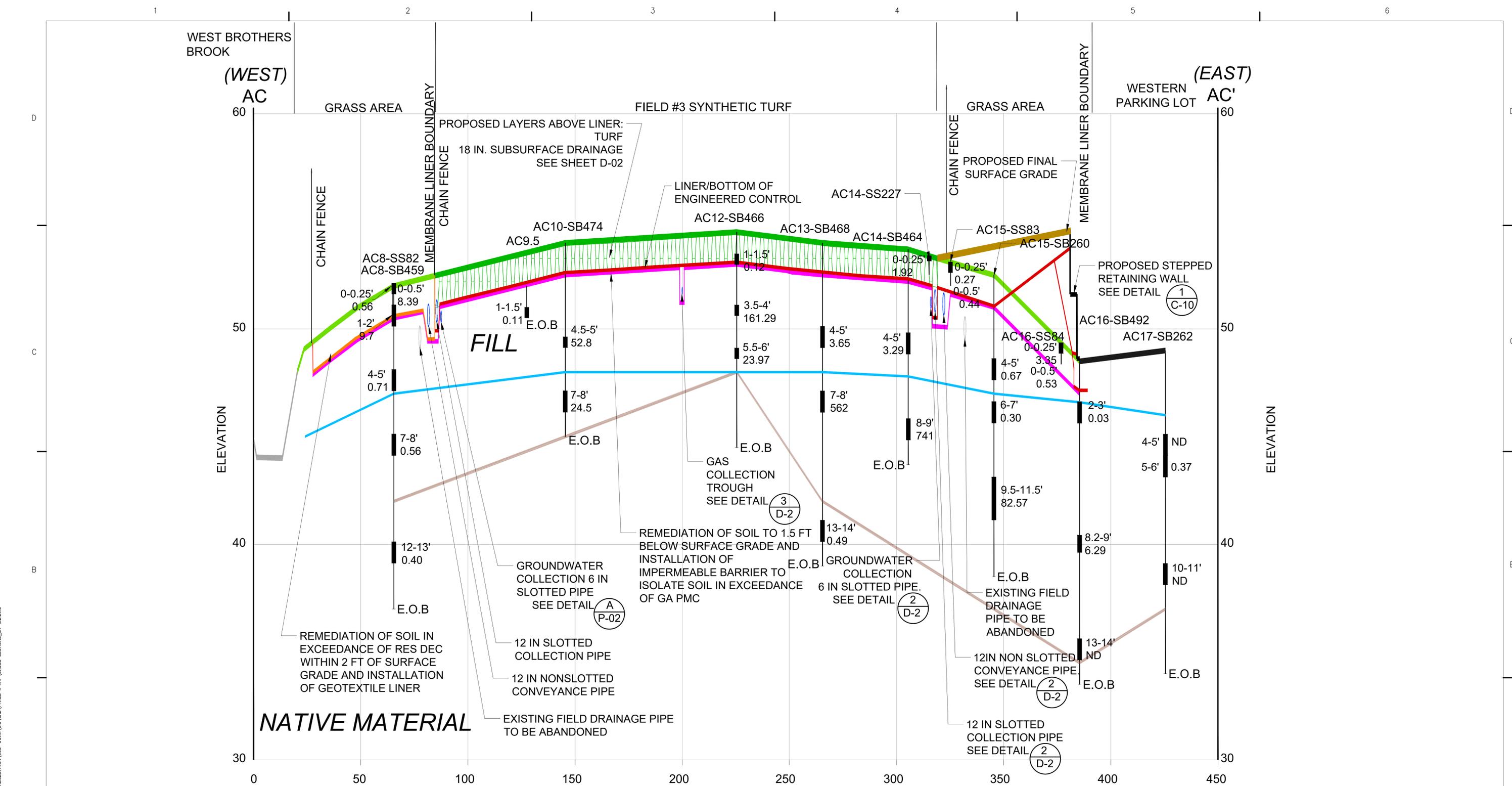
PROPOSED PHASE II EXCAVATIONS:

- 1.5 FT EXCAVATION AREA (SOIL MAY BE REUSED)
- 1.5 FT EXCAVATION AREA (OFFSITE DISPOSAL)
- 1-2 FT EXCAVATION AREA (PORTIONS OF SOIL TO BE REUSED)
- 3 FT EXCAVATION AREA
- 4 FT EXCAVATION AREA
- 5 FT EXCAVATION AREA
- 6 FT EXCAVATION AREA

COLORS INDICATE THE MAXIMUM PCB CONCENTRATION IN SOIL:

- Blue: NDT DETECTED
- Green: 51 mg/kg
- Yellow: $51 - 510 \text{ mg/kg}$
- Orange: $510 - 5100 \text{ mg/kg}$
- Red: $5100 - 51000 \text{ mg/kg}$
- Purple: 51000 mg/kg

NOTE: ONLY THE HIGHEST SAMPLE CONCENTRATION AT EACH SAMPLING LOCATION IS SHOWN.

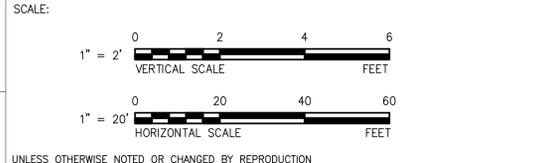
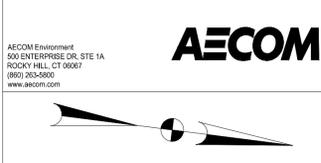


- NOTES:**
- ELEVATIONS SHOWN ARE BASED ON THE 1929 NGVD.
 - GROUNDWATER ELEVATIONS FROM SEPTEMBER 2018 SHALLOW GROUNDWATER CONTOUR MAP.
 - GROUNDWATER ELEVATION RANGES ARE POSTED ON MONITORING WELLS SHOWN IN FIGURE.

LEGEND:

WATER TABLE	CONCRETE CHANNEL
FILL/NATIVE SOIL BOUNDARY	EXCAVATION EXTENT
ASPHALT SURFACING	PROPOSED LINER/BOTTOM OF ENGINEERED CONTROL
NATURAL GRASS SURFACING	PROPOSED GEOTEXTILE
SYNTHETIC GRASS SURFACING	
SUBSURFACE DRAINAGE LAYER FOR TURF FIELDS	

NOTE:
SHEET AND DETAIL REFERENCES FROM PHASE II REMEDIAL



GREENWICH HIGH SCHOOL
10 HILLSIDE RD
GREENWICH, CT

FIGURE 6-8
CONCEPTUAL REMEDIAL APPROACH
CROSS SECTION AC - AC'

JOB 60432356

FILE NO.

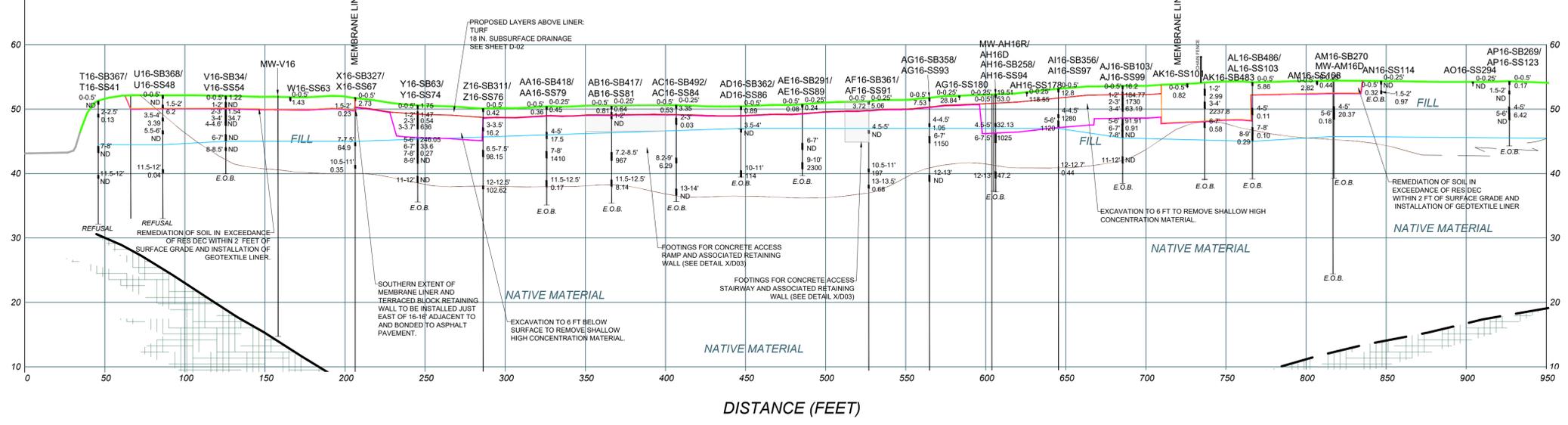
CAD FILE CROSS SECTIONS_MT-LIZ

SHEET

ELEVATION (FT ABOVE MEAN SEA LEVEL)

(SOUTH)
16 WEST BROTHERS BROOK

(NORTH)
16'

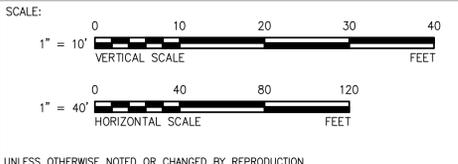
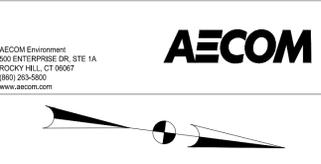


- NOTES:
- ELEVATIONS SHOWN ARE BASED ON THE 1929 NGVD.
 - GROUNDWATER ELEVATIONS FROM SEPTEMBER 2018 SHALLOW GROUNDWATER CONTOUR MAP.

LEGEND:

—	WATER TABLE	—	EXCAVATION EXTENT
E.O.B.	END OF BORING	1'-2'	SOIL SAMPLE INTERVAL (FT)
—	FILL/NATIVE SOIL BOUNDARY	0.13	PCB CONCENTRATION (PPM)
—	CONCRETE CHANNEL	—	PROPOSED LINER/BOTTOM OF ENGINEERED CONTROL
—	GRASS SURFACING	—	PROPOSED GEOTEXTILE

NOTE:
SHEET AND DETAIL REFERENCES FROM PHASE II REMEDIAL ACTION DESIGN DRAWINGS (SEPTEMBER 2020)



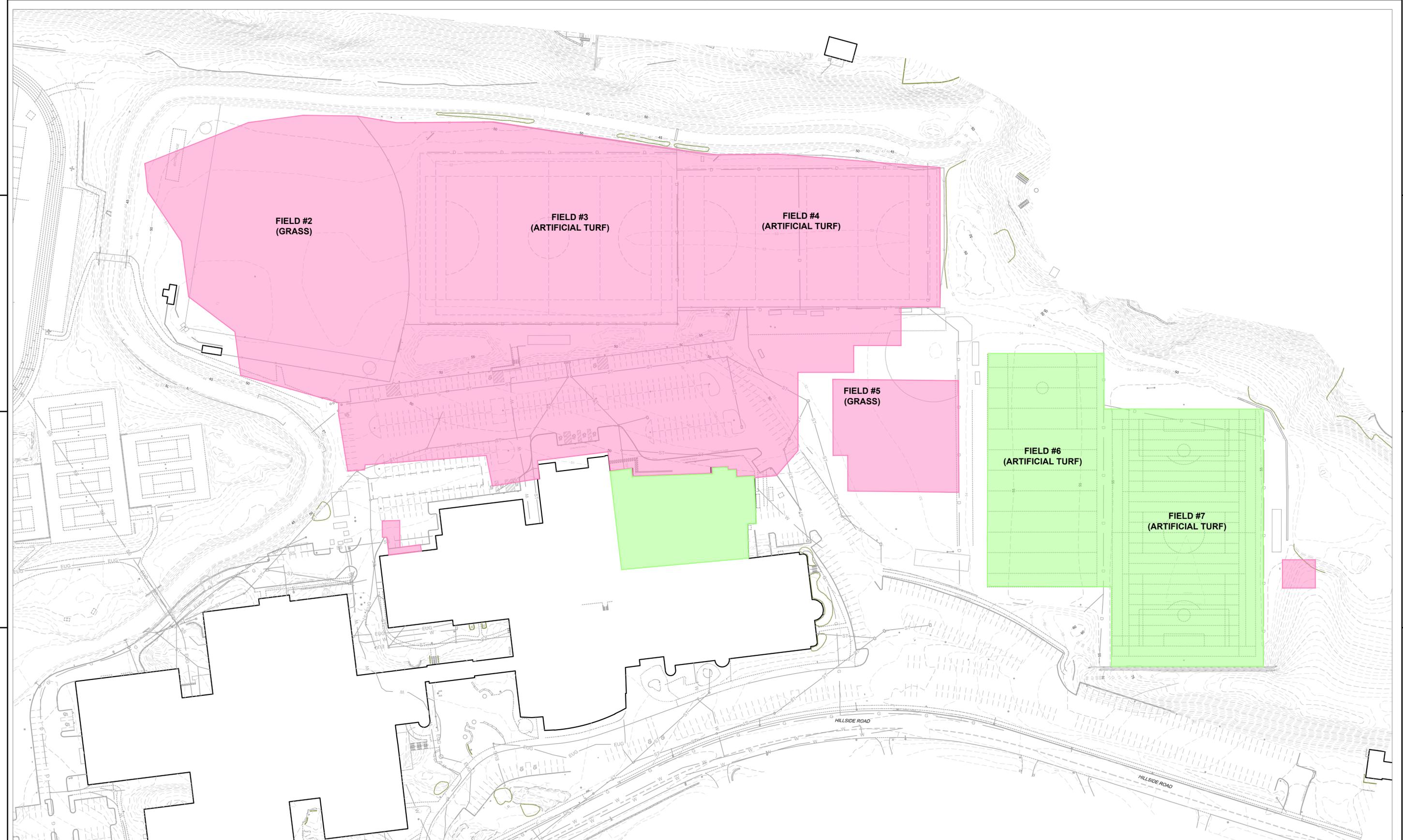
GREENWICH HIGH SCHOOL
10 HILLSIDE RD
GREENWICH, CT

FIGURE 6-11
CONCEPTUAL REMEDIAL APPROACH
CROSS SECTION 16-16'

JOB	60432356
FILE NO.	
CAD FILE	CROSS SECTIONS_RAP
SHEET	

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 ARCH D 1 3-7-05

PATH/FILENAME: \\USR\K12\F001\DATA\REVIEWS\60432356 GREENWICH HIGH SCHOOL REMEDIATION\900-WORK\GIS\CAD\PHASE II RMP\PROPOSED-EC-AREAS.DWG
 LAST UPDATE: Monday, November 30, 2020 12:26:14 PM
 PLOT DATE: Monday, November 30, 2020 12:29:45 PM
 ARCH D - 3-7-05



LEGEND:

- PROPOSED TSCA CAP
- EXISTING TSCA CAP

NOTE
 1. LIMITS OF TSCA CAP ARE SUBJECT TO CHANGE BASED ON EXCAVATION ACTIVITIES AND VERIFICATION SAMPLING.

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SCALE:

1" = 60'

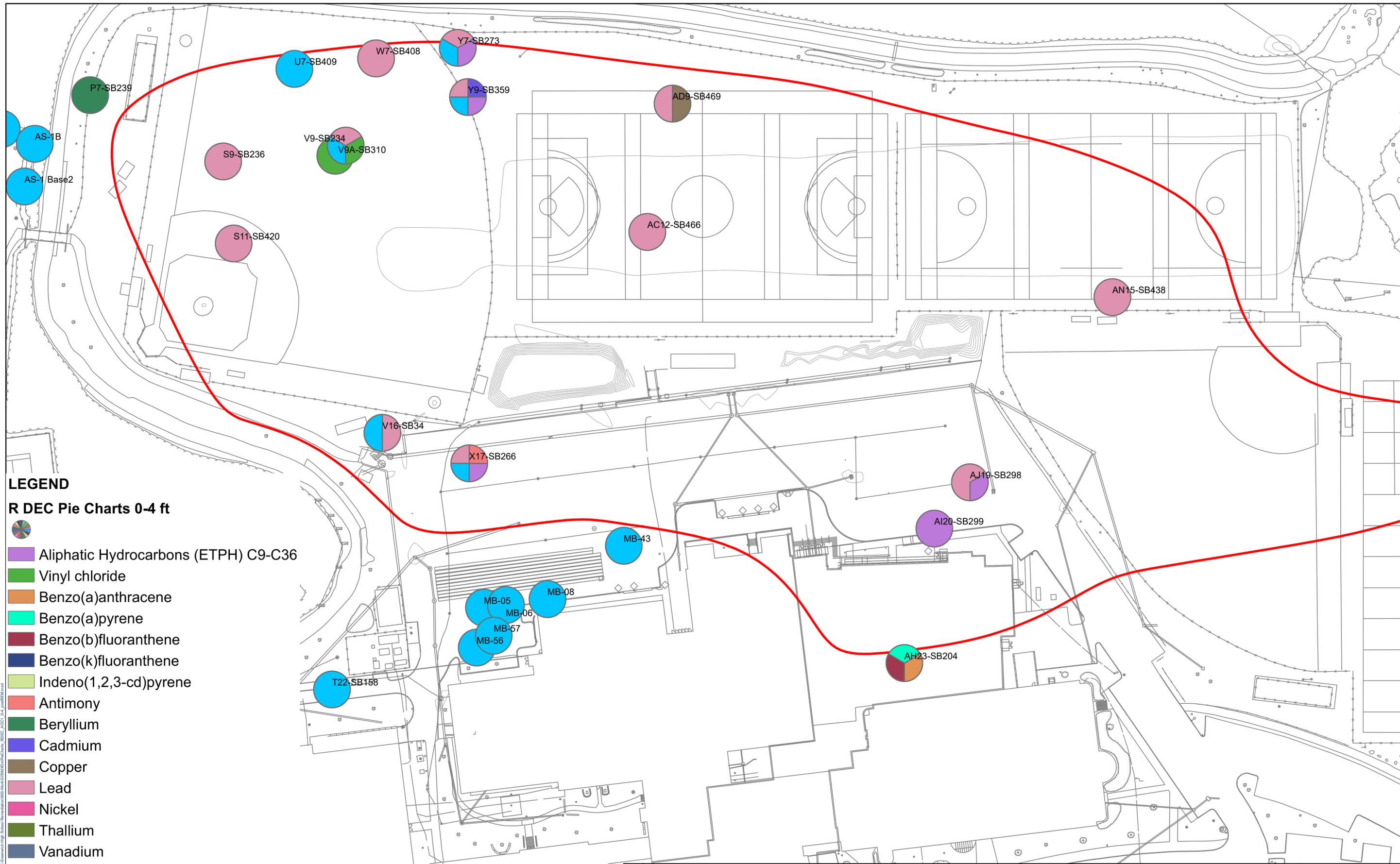
SCALE FEET

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

GREENWICH HIGH SCHOOL
 10 HILLSIDE RD
 GREENWICH, CT

FIGURE 6-12
PROPOSED TSCA CAP AREAS

JOB	60432356
FILE NO.	
CAD FILE	PROPOSED-EC-AREAS
SHEET	



LEGEND

R DEC Pie Charts 0-4 ft

- Aliphatic Hydrocarbons (ETPH) C9-C36
- Vinyl chloride
- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Indeno(1,2,3-cd)pyrene
- Antimony
- Beryllium
- Cadmium
- Copper
- Lead
- Nickel
- Thallium
- Vanadium
- Chlordane
- Heptachlor epoxide
- Arsenic
- AOC-1

Note:
PCBs not shown in pie charts.

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SCALE:
0 20 40 80 120
Feet
1" = 40' SCALE

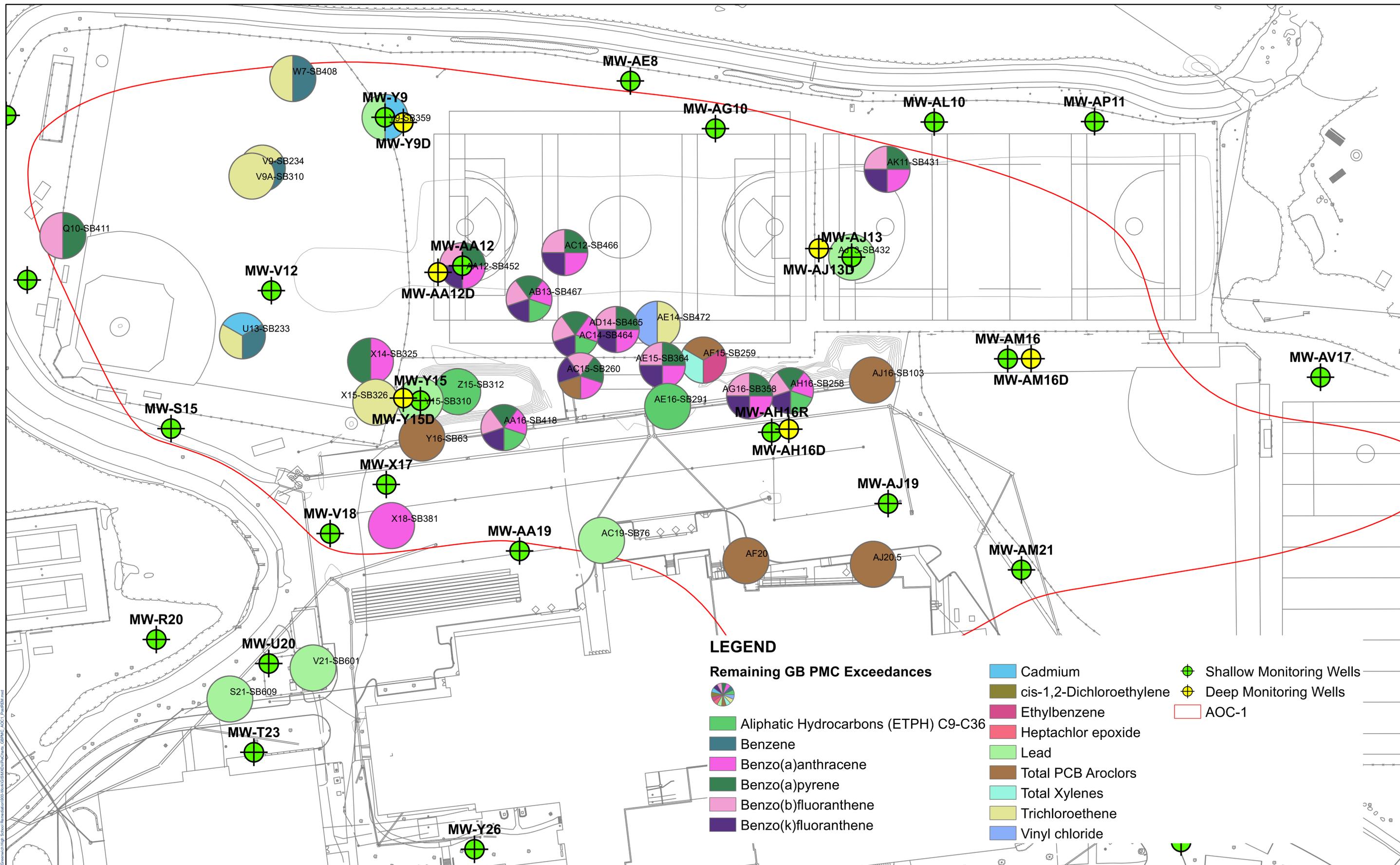
UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

**AOC 1 R DEC EXCEEDANCES
REMAINING POST-REMEDIAION
0-4 FT BGS**

GREENWICH HIGH SCHOOL
10 HILLSIDE ROAD
GREENWICH, CT

PROJECT NUMBER:
60432356

FIGURE:
6-13



LEGEND

Remaining GB PMC Exceedances

- Cadmium
- cis-1,2-Dichloroethylene
- Ethylbenzene
- Heptachlor epoxide
- Lead
- Total PCB Aroclors
- Total Xylenes
- Trichloroethene
- Vinyl chloride
- Aliphatic Hydrocarbons (ETPH) C9-C36
- Benzene
- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Shallow Monitoring Wells
- Deep Monitoring Wells
- AOC-1

NOTES:
 1. SAMPLES FOR WHICH PMC COMPLIANCE HAS BEEN ESTABLISHED BY SPLP ANALYSIS ARE NOT SHOWN.
 2. ONLY CRITERIA EXCEEDANCES ABOVE LABORATORY REPORTING LIMITS ARE SHOWN.

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SCALE:

 1" = 40' SCALE

**POST-REMEDIATION
 AOC 1 GB PMC EXCEEDANCES
 PHASE II REMEDIAL ACTION PLAN**

GREENWICH HIGH SCHOOL
 10 HILLSIDE ROAD
 GREENWICH, CT

PROJECT NUMBER:
60432356

FIGURE:
6-14

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

NOTE: COLOR OF DOTS INDICATES PCB CONCENTRATION DETECTED IN SAMPLES. REFER TO LEGEND.

T21-SB402 (1-2 ft)	
Pb	38.8
As	7.18
(6.5-7.5 ft)	
Pb	14.8
As	4.42
ETPH	ND

S21-SB308 (3-5 ft)	
Pb	49.8
As	7.09
ETPH	469
(8-10 ft)	
Pb	2.87
As	1.5
ETPH	ND

R23-SB712 (2-3 ft)	
ETPH	280

R23-SB309 (2-3 ft)	
Pb	36.9
As	5
ETPH	500
(8-9 ft)	
ETPH	ND

V21-SB601 (5-6 ft)	
Pb	45
Pb SPLP	0.015 mg/L
As	2.4
ETPH	30
(6-8 ft)	
Pb	23
Pb SPLP	0.2 mg/L
As	ND
ETPH	31

U21-SB347 (2-2.5 ft)	
Pb	4.94
As	1.49
(4-5 ft)	
ETPH	ND

V21-SB700 (0-2 ft)	
Pb	1600
Pb SPLP	0.55 mg/L
As	14
ETPH	34

S21-SB609 (3-5 ft)	
Pb	77
Pb SPLP	0.67 mg/L
ETPH	160

R23-SB713 (2-3 ft)	
ETPH	44

T23-SB24 (2-3 ft)	
Pb	18.9
As	3.69
ETPH	67.3

T23-SB305 (1-3 ft)	
Pb	7.05
As	2.42
ETPH	ND

V21A-SB401 (2-3 ft)	
Pb	28.9
As	5.31
(4-5 ft)	
Pb	65.2
As	4.61
ETPH	ND
(5-5.5 ft)	
Pb	21.6
As	5.87

V22-SB38 (1-1.5 ft)	
Pb	27.7
As	3.51
ETPH	46.7

V23-SB307 (1-3 ft)	
ETPH	26.5
(5-7 ft)	
Pb	19.5
As	4.62
ETPH	19.8

V21-SB345 (1-2 ft)	
Pb	16.9
As	3.59
(5-6 ft)	
Pb	1400
Pb SPLP	0.08 mg/L
As	102
As SPLP	0.021 mg/L
ETPH	600
ETPH	<0.1 mg/L

V21-SB600 (5-6 ft)	
Pb	15
Pb SPLP	0.009 mg/L
As	ND
ETPH	41

U21A-SB346 (0.5-1 ft)	
Pb	24
As	3.09
(3-4 ft)	
ETPH	70

T22-SB158 (1-2 ft)	
Pb	19.1
As	3.99
(2-3 ft)	
Pb	119
As	26.9
ETPH	99.9

(3-4 ft)	
Pb	56.2
As	41.8
ETPH	52.4
(5-6 ft)	
Pb	11.2
As	11.7
(6-7 ft)	
As	ND

LEGEND:
 ● NON-PCB SAMPLE
 ● NOT DETECTED
 ● ≤1 mg/kg
 ● >1 - ≤10 mg/kg
 ● >10 - ≤50 mg/kg
 ● >50 - ≤100 mg/kg
 ● >100 - ≤500 mg/kg
 ● >500 mg/kg

NOTES:
 1. CONCENTRATIONS IN PPM UNLESS OTHERWISE NOTED.
 2. SAMPLE RESULTS HIGHLIGHTED RED INDICATE CONCENTRATION EXCEEDS RDEC/GA PMC AND BACKGROUND LEVELS.
 3. ONLY THE HIGHEST SAMPLE CONCENTRATION AT EACH SAMPLING LOCATION IS SHOWN.

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SCALE:
 1" = 10'
 SCALE 10 20 30 FEET

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

GREENWICH HIGH SCHOOL
 10 HILLSIDE RD
 GREENWICH, CT

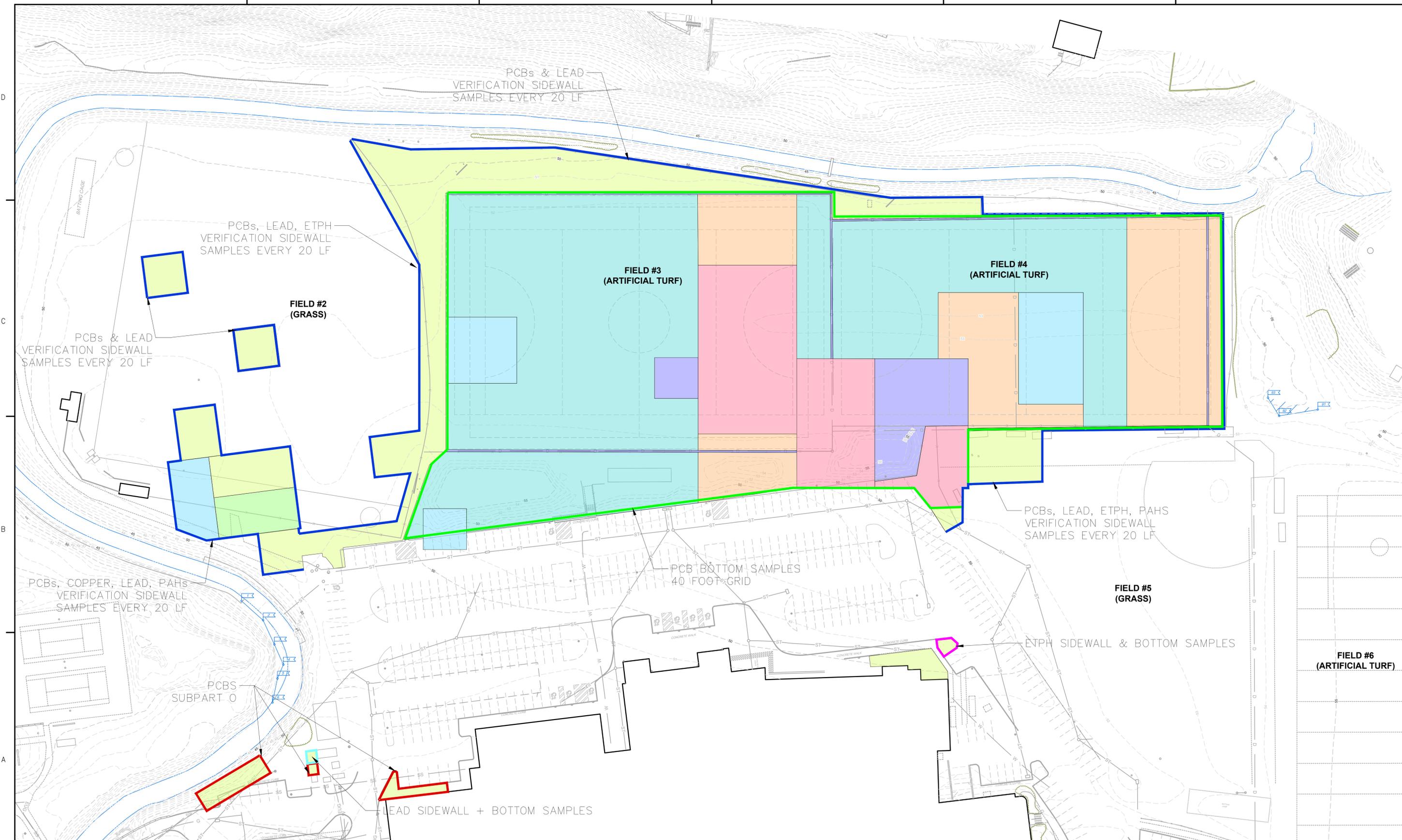
FIGURE 6-15
 AOCS 3, 5, 6, AND 9
 PROPOSED EXCAVATION AREAS
 PHASE II REMEDIAL ACTION PLAN

JOB 60432356
 FILE NO.
 CAD FILE AOC_3_5_6_9_RAP
 SHEET 6-15

NOVEMBER 2020

ARCH D - 3-7-05
 LAST UPDATE: Wednesday, December 30, 2020 3:45:15 PM
 PLOT DATE: Thursday, January 07, 2021 9:05:25 AM
 PATH: \\USR\K2FP001\DATA\REVIEWS\60432356 GREENWICH HIGH SCHOOL REMEDIATION\900-WORK\GIS\CAD\PHASE II RAP\AOC_3_5_6_9_RAP.DWG

PATH: \\USR\K12\PROJ\DATA\EVERYONE\60432356 GREENWICH HIGH SCHOOL REMEDIATION\900-WORK\GIS\CAD\PHASE II RAMP\PROPOSED_EXCAVATIONS-PRE.DWG
 LAST UPDATE: Thursday, December 17, 2020 9:29:47 AM
 PLOT DATE: Thursday, December 17, 2020 5:56:18 PM



LEGEND:	
PROPOSED PHASE II EXCAVATIONS:	
■	1.5 FT EXCAVATION AREA (SOIL POTENTIALLY TO BE REUSED)
■	1.5 FT EXCAVATION AREA (OFFSITE DISPOSAL)
■	1-2 FT EXCAVATION AREA (PORTIONS OF SOIL TO BE REUSED)
■	3 FT EXCAVATION AREA
■	4 FT EXCAVATION AREA
■	5 FT EXCAVATION AREA
■	6 FT EXCAVATION AREA
PROPOSED POST-EXCAVATION SAMPLING AREAS:	
■	PCB SUBPART 0 SAMPLING
■	PCB 40 FOOT GRID BOTTOM SAMPLING
■	PCB + VARIOUS COCS SIDEWALL SAMPLING (EVERY 10 LF)
■	LEAD SIDEWALL + BOTTOM SAMPLING
■	ETPH SIDEWALL + BOTTOM SAMPLING

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SCALE:
1" = 40'
SCALE

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

GREENWICH HIGH SCHOOL
10 HILLSIDE RD
GREENWICH, CT

FIGURE 7-1
VERIFICATION SAMPLING PLAN
PHASE II REMEDIAL ACTION PLAN

DECEMBER 2020

JOB	60432356
FILE NO.	
CAD FILE	PROPOSED_EXCAVATIONS-PRE
SHEET	7-1

Tables

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AA/AB12 1 - 1.5 ft AA/AB12 (1-1.5)-1 10/9/2020 20J0524	AA/AB12 3 - 4 ft AA/AB12 (3-4)-1 10/9/2020 20J0524	AA/AB12 4 - 5 ft AA/AB12 (4-5)-1 10/9/2020 20J0524	AA10-E 0 - 2 ft AA10-E-071218-1 7/12/2018 18G0509	AA10-SB473 12 - 13 ft AA10-SB473 (12-13)71212-1 7/12/2012 SB52747	AA10-SB473 3 - 4 ft AA10-SB473 (3-4)71212-1 7/12/2012 SB52747	AA10-SB473 7 - 8 ft AA10-SB473 (7-8)71212-1 7/12/2012 SB52747	AA11 1 - 1.5 ft AA11 (1-1.5)-1 10/9/2020 20J0524	AA11 3 - 4 ft AA11 (3-4)-1 10/9/2020 20J0524	AA11 4 - 5 ft AA11 (4-5)-1 10/9/2020 20J0524
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	5300	95000	36000	< 88 U	65600	< 21.1 U	12700 J+	210	< 91	< 94
Aroclor 1254	ug/kg	NE	NE	NE	< 1800	< 9300	< 9000	< 88 U	< 2780 U	< 21.1 U	< 556 U	< 87	< 91	< 94
Aroclor 1260	ug/kg	NE	NE	NE	< 1800	< 9300	< 9000	< 88 U	< 2780 U	< 21.1 U	< 556 U	< 87	< 91	< 94
Aroclor 1262	ug/kg	NE	NE	NE	< 1800	< 9300	< 9000	< 88 U	< 2780 U	< 21.1 U	< 556 U	< 87	< 91	< 94
Aroclor 1268	ug/kg	NE	NE	NE	< 1800	< 9300	< 9000	< 88 U	< 2780 U	< 21.1 U	< 556 U	< 87	< 91	< 94
Total PCB Aroclors	ug/kg	NE	NE	1000	5300	95000	36000	< 88	65600	180	12700	210	< 91	< 94
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AA12-A 0 - 0.12 ft AA12-A-041818 4/18/2018 18D0847	AA12-B 0 - 2 ft AA12-B-041818 4/18/2018 18D0847	AA12-C 0 - 0.12 ft AA12-C-041818 4/18/2018 18D0847	AA12-D 0 - 0.12 ft AA12-D-041818 4/18/2018 18D0847	AA12-E 0 - 2 ft AA12-E-041818 4/18/2018 18D0847	AA12-SB452 12 - 13 ft A12-SB452(12-13)-071012- 7/10/2012 SB52560	AA12-SB452 3.5 - 4 ft A12-SB452(3.5-4)-071012- 7/10/2012 SB52560	AA12-SB452 6 - 7 ft AA12-SB452(6-7)-071012- 7/10/2012 SB52560	AA13-SB475 1 - 2 ft AA13-SB475 (1-2)-071212- 7/12/2012 SB52747	AA14-SB476 1 - 2 ft AA14-SB476 (1-2)-071212- 7/12/2012 SB52747
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 420	< 92	< 380	< 460	1900	164	856000	5150	7050	5680 J
Aroclor 1254	ug/kg	NE	NE	NE	< 420	< 92	< 380	< 460	< 430	< 63.1 U	< 30200 U	< 109 U	< 23.1 U	< 21.4 U
Aroclor 1260	ug/kg	NE	NE	NE	< 420	< 92	< 380	< 460	< 430	< 63.1 U	< 30200 U	< 109 U	89.0	139 J+
Aroclor 1262	ug/kg	NE	NE	NE	< 420	< 92	< 380	< 460	< 430	< 63.1 U	< 30200 U	< 109 U	< 23.1 U	< 21.4 U
Aroclor 1268	ug/kg	NE	NE	NE	< 420	< 92	< 380	< 460	< 430	< 63.1 U	< 30200 U	< 109 U	< 23.1 U	< 21.4 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 420	< 92	< 380	< 460	1900	164	856000	5150	7139	5819
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AA14-SB476 8 - 9 ft AA14-SB476 (8-9)-071212-1 7/12/2012 SB52747	AA14-SS226 0 - 0.25 ft AA14-SS226 0-3 8/11/2011 SB33374	AA15-SB416 2 - 3 ft AA15-SB416(2-3)-062912-1 6/29/2012 SB52073	AA15-SB416 5 - 6 ft AA15-SB416(5-6)-062912-1 6/29/2012 SB52073	AA15-SS78 0 - 0.5 ft AA15-SS78-080411 8/4/2011 SB32875	AA15-SS78 0 - 0.5 ft AA15-SS78-080511 8/5/2011 SB32945	AA16-SB418 11.5 - 12.5 ft -16-SB418(11.5-12.5)070212-1 7/2/2012 SB52216	AA16-SB418 4 - 5 ft AA-16-SB418(4-5)070212-1 7/2/2012 SB52216	AA16-SB418 7 - 8 ft AA-16-SB418(7-8)070212-1 7/2/2012 SB52216	AA16-SS79 0 - 0.25 ft AA16SS79 0-3 8/31/2011 SB34491
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 22.7 U	916	< 23.9 U	911	1340	2360	170	17500	1410000	452
Aroclor 1254	ug/kg	NE	NE	NE	< 22.7 U	< 23.1 U	< 23.9 U	< 22.5 U	< 20.9 U	< 20.3 U	< 21.2 U	< 211 U	< 23800 U	< 27.9
Aroclor 1260	ug/kg	NE	NE	NE	54.4	45.2	< 23.9 U	27.0	58.4	131	< 21.2 U	< 211 U	< 23800 U	< 27.9
Aroclor 1262	ug/kg	NE	NE	NE	< 22.7 U	< 23.1 U	< 23.9 U	< 22.5 U	< 20.9 U	< 20.3 U	< 21.2 U	< 211 U	< 23800 U	< 27.9
Aroclor 1268	ug/kg	NE	NE	NE	< 22.7 U	< 23.1 U	< 23.9 U	< 22.5 U	< 20.9 U	< 20.3 U	< 21.2 U	< 211 U	< 23800 U	< 27.9
Total PCB Aroclors	ug/kg	NE	NE	1000	2034.4	961	< 23.9 U	938	1400	2490	170	17500	1410000	452
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AA16-SS79 0 - 0.5 ft AA16-SS79-080411 8/4/2011 SB32875	AA17-SB261 10 - 11 ft A17-SB261 (10-11)-122811 12/28/2011 SB41712	AA17-SB261 4 - 5 ft AA17-SB261 (4-5)-122811- 12/28/2011 SB41712	AA17-SB261 5 - 6 ft AA17-SB261 (5-6)-122811- 12/28/2011 SB41712	AA19-SB264 4 - 5 ft AA19-SB264 (4-5)-122811- 12/28/2011 SB41712	AA19-SB264 6 - 7 ft AA19-SB264 (6-7)-122811- 12/28/2011 SB41712	AA7-SB460 12 - 13 ft AA7-SB460 (12-13)71112-1 7/11/2012 SB52651	AA7-SB460 4 - 5 ft AA7-SB460 (4-5)71112-1 7/11/2012 SB52651	AA7-SB460 7 - 8 ft AA7-SB460 (7-8)71112-1 7/11/2012 SB52651	AA7-SS77 0 - 0.5 ft AA7-SS77-080411 8/4/2011 SB32875
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	355	< 555 U	< 22.9 U	227000	< 427 U	< 23.7 U	344 J	267	314	201
Aroclor 1254	ug/kg	NE	NE	NE	< 21.4 U	< 555 U	< 22.9 U	< 22.8 U	< 427 U	< 23.7 U	< 70.9 UJ	< 30.3 U	< 44.2 U	< 20.7 U
Aroclor 1260	ug/kg	NE	NE	NE	< 21.4 U	< 555 U	< 22.9 U	3470	< 427 U	< 23.7 U	< 70.9 UJ	< 30.3 U	< 44.2 U	< 20.7 U
Aroclor 1262	ug/kg	NE	NE	NE	< 21.4 U	< 555 U	< 22.9 U	< 22.8 U	< 427 U	< 23.7 U	< 70.9 UJ	< 30.3 U	< 44.2 U	< 20.7 U
Aroclor 1268	ug/kg	NE	NE	NE	< 21.4 U	< 555 U	< 22.9 U	< 22.8 U	< 427 U	< 23.7 U	< 70.9 UJ	< 30.3 U	< 44.2 U	< 20.7 U
Total PCB Aroclors	ug/kg	NE	NE	1000	355	< 555 U	< 22.9 U	230470	< 427 U	< 23.7 U	344	267	314	201
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AA8 1 - 2 ft AA8(1-2)-1 9/17/2020 20I0953	AA8 1 - 2 ft AA8(1-2)-2 9/17/2020 20I0953	AA8-SB274 4.5 - 5 ft AA8-SB274(4.5-5)-122911-1 12/29/2011 SB41766	AA8-SB274 6.5 - 7.5 ft AA8-SB274(6.5-7.5)-122911-1 12/29/2011 SB41766	AA8-SS317 0 - 0.25 ft AA8SS317 0-3 8/31/2011 SB34491	AB12-SB471 4 - 5 ft AB12-SB471 (4-5)71212-1 7/12/2012 SB52747	AB13-E 0 - 2 ft AB13-E-071218-1 7/12/2018 18G0509	AB13-SB467 4 - 5 ft AB13-SB467 (4-5)71112-1 7/11/2012 SB52747	AB13-SB467 8 - 9 ft AB13-SB467 (8-9)71112-1 7/11/2012 SB52747	AB13-SB467 8 - 9 ft AB13-SB467 (8-9)71112-2 7/11/2012 SB52747
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	1600	1800	4110	< 22.8 U	7130	< 2310 U	< 85 U	2120	< 23400 U	< 23600 U
Aroclor 1254	ug/kg	NE	NE	NE	< 96	< 91	< 27.4 U	< 22.8 U	< 23.2	< 2310 U	< 85 U	< 20.7 U	< 23400 U	< 23600 U
Aroclor 1260	ug/kg	NE	NE	NE	< 96	< 91	187	< 22.8 U	< 23.2	< 2310 U	< 85 U	95.2	< 23400 U	< 23600 U
Aroclor 1262	ug/kg	NE	NE	NE	< 96	< 91	< 27.4 U	< 22.8 U	113	< 2310 U	< 85 U	< 20.7 U	< 23400 U	< 23600 U
Aroclor 1268	ug/kg	NE	NE	NE	< 96	< 91	< 27.4 U	< 22.8 U	< 23.2	< 2310 U	< 85 U	< 20.7 U	< 23400 U	< 23600 U
Total PCB Aroclors	ug/kg	NE	NE	1000	1600	1800	4300	155	7243	105000	150	2215.2	1060000	790000
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	< 0.211 U	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	< 0.211 U	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	< 0.211 U	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	< 0.211 U	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

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Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AB14-SB462 13 - 14 ft AB14-SB462 (13-14)71112- 7/11/2012 SB52651	AB14-SB462 3 - 4 ft AB14-SB462 (3-4)71112-1 7/11/2012 SB52651	AB14-SB462 9 - 10 ft AB14-SB462 (9-10)71112-1 7/11/2012 SB52651	AB15-SB415 11.5 - 12.5 ft AB15-SB415(11.5-12.5)-06291 6/29/2012 SB52073	AB15-SB415 3 - 4 ft AB15-SB415(3-4)-062912-1 6/29/2012 SB52073	AB15-SB415 9 - 10 ft AB15-SB415(9-10)-062912-1 6/29/2012 SB52073	AB15-SS80 0 - 0.25 ft AB15 SS80 0-3 8/11/2011 SB33302	AB15-SS80 0 - 0.5 ft AB15-SS80-080411 8/4/2011 SB32875	AB16-SB417 1 - 2 ft AB16-SB417(1-2)-062912-1 6/29/2012 SB52073	AB16-SB417 11.5 - 12.5 ft AB16-SB417(11.5-12.5)-06291 6/29/2012 SB52073
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	536	1890	263000	1040	< 41.3 U	146000	1360	1090	< 21.6 U	8140
Aroclor 1254	ug/kg	NE	NE	NE	< 23.1 U	< 43.3 U	< 24100 U	< 21.4 U	< 20.6 U	< 2550 U	< 23.0 U	< 21.0 U	< 21.6 U	< 205 U
Aroclor 1260	ug/kg	NE	NE	NE	< 23.1 U	67.1	< 24100 U	< 21.4 U	< 20.6 U	< 2550 U	116	56.6	< 21.6 U	< 205 U
Aroclor 1262	ug/kg	NE	NE	NE	< 23.1 U	< 43.3 U	< 24100 U	< 21.4 U	< 20.6 U	< 2550 U	< 23.0 U	< 21.0 U	< 21.6 U	< 205 U
Aroclor 1268	ug/kg	NE	NE	NE	< 23.1 U	< 43.3 U	< 24100 U	< 21.4 U	< 20.6 U	< 2550 U	< 23.0 U	< 21.0 U	< 21.6 U	< 205 U
Total PCB Aroclors	ug/kg	NE	NE	1000	536	1957.1	263000	1040	< 41.3 U	146000	1480	1150	< 21.6 U	8140
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AB16-SB417 7.2 - 8.5 ft 316-SB417(7.2-8.5)-062912 6/29/2012 SB52073	AB16-SS81 0 - 0.25 ft AB16 SS81 0-3 8/11/2011 SB33302	AB16-SS81 0 - 0.5 ft AB16-SS81-080411 8/4/2011 SB32875	AB17-SB385 11 - 12 ft B17-SB385 (11-12)-062512 6/25/2012 SB51819	AB17-SB385 3 - 4 ft AB17-SB385 (3-4)-062512 6/25/2012 SB51819	AB17-SB385 6 - 7 ft AB17-SB385 (6-7)-062512 6/25/2012 SB51819	AB18-SB383 3 - 4 ft AB18-SB383 (3-4)-062512 6/25/2012 SB51792	AB18-SB383 5.5 - 6.5 ft AB18-SB383 (5.5-6.5)-062512 6/25/2012 SB51792	AB18-SB383 7 - 8 ft AB18-SB383 (7-8)-062512 6/25/2012 SB51792	AB19-SB71 0 - 1 ft AB19-SB71 0-1 8/10/2011 SB33209
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	967000	596	813	< 22.9 U	270	< 21.0 U	2290	1680	< 22.4 U	< 21.0 U
Aroclor 1254	ug/kg	NE	NE	NE	< 23900 U	< 23.7 U	< 21.2 U	< 22.9 U	< 21.3 U	< 21.0 U	< 22.9 U	< 22.7 U	< 22.4 U	< 21.0 U
Aroclor 1260	ug/kg	NE	NE	NE	< 23900 U	39.8	< 21.2 U	< 22.9 U	< 21.3 U	< 21.0 U	64.2	< 22.7 U	< 22.4 U	< 21.0 U
Aroclor 1262	ug/kg	NE	NE	NE	< 23900 U	< 23.7 U	< 21.2 U	< 22.9 U	< 21.3 U	< 21.0 U	< 22.9 U	< 22.7 U	< 22.4 U	< 21.0 U
Aroclor 1268	ug/kg	NE	NE	NE	< 23900 U	< 23.7 U	< 21.2 U	< 22.9 U	< 21.3 U	< 21.0 U	< 22.9 U	< 22.7 U	< 22.4 U	< 21.0 U
Total PCB Aroclors	ug/kg	NE	NE	1000	967000	636	813	< 22.9 U	270	< 21.0 U	2350	1680	< 22.4 U	< 21.0 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AB19-SB71 1 - 2 ft AB19-SB71 1-2 8/10/2011 SB33209	AB19-SB71 12 - 13 ft AB19-SB71 12-13 8/10/2011 SB33209	AB19-SB71 2 - 3 ft AB19-SB71 2-3 8/10/2011 SB33209	AB19-SB71 3 - 4 ft AB19-SB71 3-4 8/10/2011 SB33209	AB19-SB71 4 - 4.4 ft AB19-SB71 4-4.4 8/10/2011 SB33209	AB19-SB71 5 - 6 ft AB19-SB71 5-6 8/10/2011 SB33209	AB19-SB71 6 - 7 ft AB19-SB71 6-7 8/10/2011 SB33209	AB19-SB71 7 - 8 ft AB19-SB71 7-8 8/10/2011 SB33209	AB20-SB72 0 - 1 ft AB20-SB72 0-1 8/10/2011 SB33209	AB20-SB72 1 - 2 ft AB20-SB72 1-2 8/10/2011 SB33209
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 21.7 U	< 34.4 U	566	9270	< 23.0 U	2150	< 20.3 U	< 21.2 U	< 20.9 U	222
Aroclor 1254	ug/kg	NE	NE	NE	< 21.7 U	< 34.4 U	< 22.4 U	< 22.8 U	< 23.0 U	< 20.7 U	< 20.3 U	< 21.2 U	< 20.9 U	< 21.3 U
Aroclor 1260	ug/kg	NE	NE	NE	< 21.7 U	< 34.4 U	< 22.4 U	221	< 23.0 U	38.4	< 20.3 U	< 21.2 U	< 20.9 U	< 21.3 U
Aroclor 1262	ug/kg	NE	NE	NE	< 21.7 U	< 34.4 U	< 22.4 U	< 22.8 U	< 23.0 U	< 20.7 U	< 20.3 U	< 21.2 U	< 20.9 U	< 21.3 U
Aroclor 1268	ug/kg	NE	NE	NE	< 21.7 U	< 34.4 U	< 22.4 U	< 22.8 U	< 23.0 U	< 20.7 U	< 20.3 U	< 21.2 U	< 20.9 U	< 21.3 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 21.7 U	< 34.4 U	566	9491	< 23.0 U	2190	< 20.3 U	< 21.2 U	< 20.9 U	222
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AB20-SB72 12 - 13 ft AB20-SB72 12-13 8/10/2011 SB33209	AB20-SB72 2 - 3 ft AB20-SB72 2-3 8/10/2011 SB33209	AB20-SB72 3 - 4 ft AB20-SB72 3-4 8/10/2011 SB33209	AB20-SB72 5 - 6 ft AB20-SB72 5-6 8/10/2011 SB33209	AB20-SB72 6 - 7 ft AB20-SB72 6-7 8/10/2011 SB33209	AB8-SS183 0 - 0.25 ft AB8 SS183 0-3 8/11/2011 SB33302	AC10-SB474 4.5 - 5 ft AC10-SB474 (4.5-5)71212-1 7/12/2012 SB52747	AC10-SB474 7 - 8 ft AC10-SB474 (7-8)71212-1 7/12/2012 SB52747	AC10-SB474 7 - 8 ft AC10-SB474 (7-8)71212-2 7/12/2012 SB52747	AC12 1 - 1.5 ft AC12 (1-1.5)-1 10/9/2020 20J0524
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 26.2 U	< 24.0 U	889 J	< 20.4 U	< 29.8 U	6650	52800	21800	24500	120
Aroclor 1254	ug/kg	NE	NE	NE	< 26.2 U	< 24.0 U	< 21.8 U	< 20.4 U	< 29.8 U	< 23.2 U	< 2180 U	< 2640 U	< 2690 U	< 88
Aroclor 1260	ug/kg	NE	NE	NE	< 26.2 U	87.5	29.4	< 20.4 U	< 29.8 U	153	< 2180 U	< 2640 U	< 2690 U	< 88
Aroclor 1262	ug/kg	NE	NE	NE	< 26.2 U	< 24.0 U	< 21.8 U	< 20.4 U	< 29.8 U	< 23.2 U	< 2180 U	< 2640 U	< 2690 U	< 88
Aroclor 1268	ug/kg	NE	NE	NE	< 26.2 U	< 24.0 U	< 21.8 U	< 20.4 U	< 29.8 U	< 23.2 U	< 2180 U	< 2640 U	< 2690 U	< 88
Total PCB Aroclors	ug/kg	NE	NE	1000	< 26.2 U	87.5	918	< 20.4 U	< 29.8 U	6803	52800	21800	24500	120
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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 Yellow highlighted cells exceed the 2013 GA PMC
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 RES DEC = Residential Direct Exposure Criteria
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 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
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 J = Result is considered estimated
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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AC12-SB466 3.5 - 4 ft AC12-SB466 (3.5-4)71112- 7/11/2012 SB52747	AC12-SB466 5.5 - 6 ft AC12-SB466 (5.5-6)71112- 7/11/2012 SB52747	AC13-SB468 13 - 14 ft AC13-SB468 (13-14)71112- 7/11/2012 SB52747	AC13-SB468 4 - 5 ft AC13-SB468 (4-5)71112-1 7/11/2012 SB52747	AC13-SB468 7 - 8 ft AC13-SB468 (7-8)71112-1 7/11/2012 SB52747	AC14-SB464 4 - 5 ft AC14-SB464 (4-5)71112-1 7/11/2012 SB52651	AC14-SB464 8 - 9 ft AC14-SB464 (8-9)71112-1 7/11/2012 SB52651	AC14-SB464 8 - 9 ft AC14-SB464 (8-9)71112-2 7/11/2012 SB52651	AC14-SS227 0 - 0.25 ft AC14-SS227 0-3 8/11/2011 SB33374	AC15-SB260 4 - 5 ft AC15-SB260 (4-5)-122711- 12/27/2011 SB41712
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	158000	< 259 U	< 55.8 U	3560	< 25700 U	3220	< 23200 U	< 21200 U	1860	642
Aroclor 1254	ug/kg	NE	NE	NE	< 2350 U	< 259 U	< 55.8 U	< 23.3 U	< 25700 U	< 20.9 U	< 23200 U	< 21200 U	< 22.6 U	< 21.5 U
Aroclor 1260	ug/kg	NE	NE	NE	3290	569	< 55.8 U	88.5	< 25700 U	67.8	< 23200 U	< 21200 U	63.0	26.9
Aroclor 1262	ug/kg	NE	NE	NE	< 2350 U	< 259 U	< 55.8 U	< 23.3 U	< 25700 U	< 20.9 U	< 23200 U	< 21200 U	< 22.6 U	< 21.5 U
Aroclor 1268	ug/kg	NE	NE	NE	< 2350 U	< 259 U	< 55.8 U	< 23.3 U	< 25700 U	< 20.9 U	< 23200 U	< 21200 U	< 22.6 U	< 21.5 U
Total PCB Aroclors	ug/kg	NE	NE	1000	161290	23969	488	3648.5	562000	3290	127000	741000	1920	669
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AC15-SB260 6 - 7 ft AC15-SB260 (6-7)-122711- 12/27/2011 SB41712	AC15-SB260 9.5 - 11.5 ft 15-SB260 (9.5-11.5)-12271 12/27/2011 SB41712	AC15-SS83 0 - 0.25 ft AC15 SS83 0-3 8/11/2011 SB33302	AC15-SS83 0 - 0.5 ft AC15-SS83-080411 8/4/2011 SB32875	AC16-SB492 13 - 14 ft C16-SB492 (13-14)-071312 7/13/2012 SB52798	AC16-SB492 2 - 3 ft AC16-SB492 (2-3)-071312- 7/13/2012 SB52798	AC16-SB492 8.2 - 9 ft C16-SB492 (8.2-9)-071312- 7/13/2012 SB52798	AC16-SS84 0 - 0.25 ft AC16 SS84 0-3 8/11/2011 SB33302	AC16-SS84 0 - 0.5 ft AC16-SS84-080411 8/4/2011 SB32875	AC17-SB262 10 - 11 ft C17-SB262 (10-11)-122811 12/28/2011 SB41712
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	296	81300	272	436	< 19.6 U	34.5	6180	3210	528	< 20.7 U
Aroclor 1254	ug/kg	NE	NE	NE	< 23.1 U	< 23.0 U	< 20.9 U	< 20.6 U	< 19.6 U	< 21.6 U	< 21.8 U	< 24.0 U	< 21.4 U	< 20.7 U
Aroclor 1260	ug/kg	NE	NE	NE	< 23.1 U	1270	< 20.9 U	< 20.6 U	< 19.6 U	< 21.6 U	110	142	< 21.4 U	< 20.7 U
Aroclor 1262	ug/kg	NE	NE	NE	< 23.1 U	< 23.0 U	< 20.9 U	< 20.6 U	< 19.6 U	< 21.6 U	< 21.8 U	< 24.0 U	< 21.4 U	< 20.7 U
Aroclor 1268	ug/kg	NE	NE	NE	< 23.1 U	< 23.0 U	< 20.9 U	< 20.6 U	< 19.6 U	< 21.6 U	< 21.8 U	< 24.0 U	< 21.4 U	< 20.7 U
Total PCB Aroclors	ug/kg	NE	NE	1000	296	82570	272	436	< 19.6 U	34.5	6290	3350	528	< 20.7 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	< 0.2 U	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	13.3	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	< 0.2 U	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	13.3	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AC17-SB262 4 - 5 ft AC17-SB262 (4-5)-122811- 12/28/2011 SB41712	AC17-SB262 5 - 6 ft AC17-SB262 (5-6)-122811- 12/28/2011 SB41712	AC19-SB76 0 - 1 ft AC19-SB76 0-1 8/10/2011 SB33209	AC19-SB76 1 - 2 ft AC19-SB76 1-2 8/10/2011 SB33209	AC19-SB76 10 - 11 ft AC19-SB76 10-11 8/10/2011 SB33209	AC19-SB76 11 - 12 ft AC19-SB76 11-12 8/10/2011 SB33209	AC19-SB76 16 - 17 ft AC19-SB76 16-17 8/10/2011 SB33209	AC19-SB76 2 - 3 ft AC19-SB76 2-3 8/10/2011 SB33209	AC19-SB76 3 - 4 ft AC19-SB76 3-4 8/10/2011 SB33209	AC19-SB76 5 - 6 ft AC19-SB76 5-6 8/10/2011 SB33209
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 22.2 U	277	< 19.5 U	< 20.3 U	443	< 21.3 U	< 22.1 U	< 20.5 U	639	9960
Aroclor 1254	ug/kg	NE	NE	NE	< 22.2 U	< 22.1 U	< 19.5 U	< 20.3 U	< 21.9 U	< 21.3 U	< 22.1 U	< 20.5 U	< 23.9 U	< 20.9 U
Aroclor 1260	ug/kg	NE	NE	NE	< 22.2 U	92.7	< 19.5 U	< 20.3 U	< 21.9 U	< 21.3 U	< 22.1 U	< 20.5 U	< 23.9 U	296
Aroclor 1262	ug/kg	NE	NE	NE	< 22.2 U	< 22.1 U	< 19.5 U	< 20.3 U	< 21.9 U	< 21.3 U	< 22.1 U	< 20.5 U	< 23.9 U	< 20.9 U
Aroclor 1268	ug/kg	NE	NE	NE	< 22.2 U	< 22.1 U	< 19.5 U	< 20.3 U	< 21.9 U	< 21.3 U	< 22.1 U	< 20.5 U	< 23.9 U	< 20.9 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 22.2 U	370	< 19.5 U	< 20.3 U	443	< 21.3 U	< 22.1 U	< 20.5 U	639	10256
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AC19-SB76 6 - 7 ft AC19-SB76 6-7 8/10/2011 SB33209	AC19-SB76 7 - 8 ft AC19-SB76 7-8 8/10/2011 SB33209	AC19-SB76 8 - 9 ft AC19-SB76 8-9 8/10/2011 SB33209	AC21-SB349 11 - 12 ft C21-SB349(11-12)-040912	AC21-SB349 4.5 - 5 ft C21-SB349(4.5-5)-040912	AC21-SB349 7 - 8 ft AC21-SB349(7-8)-040912-1	AC8 1 - 2 ft AC8(1-2)-1 9/17/2020 20I0953	AC8-SB459 12 - 13 ft AC8-SB459 (12-13)71112-1	AC8-SB459 4 - 5 ft AC8-SB459 (4-5)71112-1	AC8-SB459 7 - 8 ft AC8-SB459 (7-8)71112-2
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 21.2 U	< 21.3 U	< 20.6 U	< 21.5 U	< 114 U	41.4	9700	396	708	275 J
Aroclor 1254	ug/kg	NE	NE	NE	< 21.2 U	< 21.3 U	< 20.6 U	< 21.5 U	< 114 U	< 21.8 U	< 1000	< 46.0 U	< 22.6 U	< 43.0 U
Aroclor 1260	ug/kg	NE	NE	NE	< 21.2 U	< 21.3 U	< 20.6 U	< 21.5 U	< 22.8 U	< 21.8 U	< 1000	< 46.0 U	< 22.6 U	< 43.0 U
Aroclor 1262	ug/kg	NE	NE	NE	< 21.2 U	< 21.3 U	< 20.6 U	< 21.5 U	< 22.8 U	< 21.8 U	< 1000	< 46.0 U	< 22.6 U	< 43.0 U
Aroclor 1268	ug/kg	NE	NE	NE	< 21.2 U	< 21.3 U	< 20.6 U	< 21.5 U	< 22.8 U	< 21.8 U	< 1000	< 46.0 U	< 22.6 U	< 43.0 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 21.2 U	< 21.3 U	< 20.6 U	< 21.5 U	< 114 U	41.4	9700	396	708	275
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AC8-SB459 7 - 8 ft AC8-SB459 (7-8)71112-1 7/11/2012 SB52651	AC8-SS82 0 - 0.25 ft AC8 SS82 0-3 8/11/2011 SB33302	AC8-SS82 0 - 0.5 ft AC8-SS82-080411 8/4/2011 SB32875	AC9.5 1 - 1.5 ft AC9.5 (1-1.5)-1 10/9/2020 20J0524	AC9-E 0 - 2 ft AC9-E-071218-1 7/12/2018 18G0509	AD11-E 0 - 2 ft AD11-E-071218-1 7/12/2018 18G0509	AD13 1 - 1.5 ft AD13 (1-1.5)-1 10/9/2020 20J0524	AD13-SB470 3 - 4 ft AD13-SB470 (3-4)71212-1 7/12/2012 SB52747	AD14 1 - 1.5 ft AD14 (1-1.5)-2 10/9/2020 20J0524	AD14 1 - 1.5 ft AD14 (1-1.5)-1 10/9/2020 20J0524
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	558 J	555	8230	110	< 88 U	< 87 U	410	4140	< 91	< 92
Aroclor 1254	ug/kg	NE	NE	NE	< 42.3 U	< 22.6 U	< 22.1 U	< 90	190 J+	< 87 U	< 88	< 21.6 U	< 91	< 92
Aroclor 1260	ug/kg	NE	NE	NE	< 42.3 U	< 22.6 U	163	< 90	< 88 U	< 87 U	< 88	187	< 91	< 92
Aroclor 1262	ug/kg	NE	NE	NE	< 42.3 U	< 22.6 U	< 22.1 U	< 90	< 88 U	< 87 U	< 88	< 21.6 U	< 91	< 92
Aroclor 1268	ug/kg	NE	NE	NE	< 42.3 U	< 22.6 U	< 22.1 U	< 90	< 88 U	< 87 U	< 88	< 21.6 U	< 91	< 92
Total PCB Aroclors	ug/kg	NE	NE	1000	558	555	8393	110	570	< 87	410	4327	< 91	< 92
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

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J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AD14-E 0 - 2 ft AD14-E-071218-1 7/12/2018 18G0509	AD14-SB465 13 - 14 ft AD14-SB465 (13-14)71112-1 7/11/2012 SB52651	AD14-SB465 4 - 5 ft AD14-SB465 (4-5)71112-1 7/11/2012 SB52651	AD14-SB465 6 - 7 ft AD14-SB465 (6-7)71112-1 7/11/2012 SB52651	AD15-SB363 11.5 - 12 ft 15-SB363 (11.5-12)-041212-1 4/12/2012 SB47192	AD15-SB363 2 - 2.5 ft AD15-SB363 (2-2.5)-041212-1 4/12/2012 SB47192	AD15-SB363 9 - 10 ft AD15-SB363 (9-10)-041212-1 4/12/2012 SB47192	AD15-SS85 0 - 0.25 ft AD15 SS85 0-3 8/11/2011 SB33302	AD15-SS85 0 - 0.5 ft AD15-SS85-080411 8/4/2011 SB32875	AD16-SB362 10 - 11 ft D16-SB362 (10-11)-041212-1 4/12/2012 SB47192
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 88 U	< 61.2 U	< 21100 U	< 121 U	< 29.1 U	< 221 U	< 23400 U	< 19.7 U	33.5	< 2420 U
Aroclor 1254	ug/kg	NE	NE	NE	< 88 U	< 61.2 U	< 21100 U	< 121 U	< 29.1 U	< 221 U	< 23400 U	< 19.7 U	< 20.9 U	< 2420 U
Aroclor 1260	ug/kg	NE	NE	NE	< 88 U	< 61.2 U	< 21100 U	229	< 29.1 U	< 22.1 U	< 23400 U	< 19.7 U	< 20.9 U	< 2420 U
Aroclor 1262	ug/kg	NE	NE	NE	< 88 U	< 61.2 U	< 21100 U	< 121 U	< 29.1 U	< 22.1 U	< 23400 U	< 19.7 U	< 20.9 U	< 2420 U
Aroclor 1268	ug/kg	NE	NE	NE	< 88 U	< 61.2 U	< 21100 U	< 121 U	< 29.1 U	< 22.1 U	< 23400 U	< 19.7 U	< 20.9 U	< 2420 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 88	236	159000	6640	192	< 221 U	2100000	< 19.7 U	33.5	114000
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AD16-SB362 3.5 - 4 ft D16-SB362 (3.5-4)-041212- 4/12/2012 SB47192	AD16-SS86 0 - 0.5 ft AD16-SS86-080411 8/4/2011 SB32875	AD16-SS86 0 - 0.5 ft AD16-SS86-080511 8/5/2011 SB32945	AD17-SB354 11.5 - 12.5 ft 17-SB354(11.5-12.5)-041011 4/10/2012 SB46973	AD17-SB354 4.5 - 5 ft D17-SB354(4.5-5)-041012- 4/10/2012 SB46973	AD17-SB354 6 - 7 ft AD17-SB354(6-7)-041012- 4/9/2012 SB46973	AD18-SB384 3 - 4 ft AD18-SB384 (3-4)-062512- 6/25/2012 SB51819	AD18-SB384 8 - 9 ft AD18-SB384 (8-9)-062512- 6/25/2012 SB51819	AD8-SS182 0 - 0.25 ft AD8 SS182 0-3 8/11/2011 SB33302	AD9-A 0 - 2 ft AD9-A-041818 4/18/2018 18D0844
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 42.8 U	616	848	220	760	694	917	1480	564	< 340
Aroclor 1254	ug/kg	NE	NE	NE	< 42.8 U	< 22.9 U	< 23.2 U	< 34.3 U	< 22.4 U	< 21.4 U	< 20.3 U	< 28.4 U	< 22.3 U	< 340
Aroclor 1260	ug/kg	NE	NE	NE	< 21.4 U	25.2	38.2	< 34.3 U	< 22.4 U	< 21.4 U	27.5	118	< 22.3 U	< 340
Aroclor 1262	ug/kg	NE	NE	NE	< 21.4 U	< 22.9 U	< 23.2 U	< 34.3 U	< 22.4 U	< 21.4 U	< 20.3 U	< 28.4 U	< 22.3 U	< 340
Aroclor 1268	ug/kg	NE	NE	NE	< 21.4 U	< 22.9 U	< 23.2 U	< 34.3 U	< 22.4 U	< 21.4 U	< 20.3 U	< 28.4 U	< 22.3 U	< 340
Total PCB Aroclors	ug/kg	NE	NE	1000	< 42.8 U	641	886	220	760	694	945	1600	564	< 340
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AD9-B 0 - 2 ft AD9-B-041818 4/18/2018 18D0844	AD9-C 0 - 2 ft AD9-C-041818 4/18/2018 18D0844	AD9-D 0 - 2 ft AD9-D-041818 4/18/2018 18D0844	AD9-E 0 - 2 ft AD9-E-041818 4/18/2018 18D0844	AD9-SB469 12 - 13 ft AD9-SB469 (12-13)71212-1 7/12/2012 SB52747	AD9-SB469 3.5 - 3.6 ft AD9-SB469 (3.5-3.6)71212-1 7/12/2012 SB52747	AD9-SB469 4 - 5 ft AD9-SB469 (4-5)71212-1 7/12/2012 SB52747	AD9-SB469 5 - 6 ft AD9-SB469 (5-6)71212-1 7/12/2012 SB52747	AE10-SB458 1 - 2 ft AE10-SB458 (1-2)071112-1 7/11/2012 SB52651	AE10-SB458 12 - 13 ft AE10-SB458 (12-13)071112-1 7/11/2012 SB52651
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 93	< 380	< 480	< 88	< 58.8 U	17400	21900	13300 J+	308	< 28.1 U
Aroclor 1254	ug/kg	NE	NE	NE	< 93	< 380	< 480	< 88	< 58.8 U	< 488 U	< 494 U	< 227 U	< 20.6 U	< 28.1 U
Aroclor 1260	ug/kg	NE	NE	NE	< 93	< 380	< 480	< 88	< 58.8 U	830	1010	568 J+	< 20.6 U	< 28.1 U
Aroclor 1262	ug/kg	NE	NE	NE	< 93	< 380	< 480	< 88	< 58.8 U	< 488 U	< 494 U	< 227 U	< 20.6 U	< 28.1 U
Aroclor 1268	ug/kg	NE	NE	NE	< 93	< 380	< 480	< 88	< 58.8 U	< 488 U	< 494 U	< 227 U	< 20.6 U	< 28.1 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 93	< 380	< 480	< 88	< 58.8 U	18230	22900	13868	308	103
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AE10-SB458 4 - 5 ft AE10-SB458 (4-5)071112-1 7/11/2012 SB52651	AE12-SB461 11.5 - 12 ft AE12-SB461 (11.5-12)071112-1 7/11/2012 SB52651	AE12-SB461 2.5 - 3 ft AE12-SB461 (2.5-3)071112-1 7/11/2012 SB52651	AE12-SB461 5.5 - 6 ft AE12-SB461 (5.5-6)071112-1 7/11/2012 SB52651	AE13-SB463 11 - 12 ft AE13-SB463 (11-12)071112-1 7/11/2012 SB52651	AE13-SB463 3 - 4 ft AE13-SB463 (3-4)071112-1 7/11/2012 SB52651	AE13-SB463 4.5 - 5 ft AE13-SB463 (4.5-5)071112-1 7/11/2012 SB52651	AE14-SB472 11.5 - 12 ft AE14-SB472 (11.5-12)071212-1 7/12/2012 SB52747	AE14-SB472 3 - 3.5 ft AE14-SB472 (3-3.5)071212-1 7/12/2012 SB52747	AE14-SB472 5 - 6 ft AE14-SB472 (5-6)-071212-1 7/12/2012 SB52747
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	40300	< 47.8 U	< 20.7 U	< 23200 U	< 21.6 U	< 21.3 U	< 24300 U	< 220 U	1460	118000
Aroclor 1254	ug/kg	NE	NE	NE	< 642 U	< 47.8 U	< 20.7 U	< 23200 U	< 21.6 U	< 21.3 U	< 24300 U	< 22.0 U	< 20.3 U	< 2310 U
Aroclor 1260	ug/kg	NE	NE	NE	964	< 47.8 U	< 20.7 U	< 23200 U	< 21.6 U	< 21.3 U	< 24300 U	< 22.0 U	< 20.3 U	< 2310 U
Aroclor 1262	ug/kg	NE	NE	NE	< 642 U	< 47.8 U	< 20.7 U	< 23200 U	< 21.6 U	< 21.3 U	< 24300 U	< 22.0 U	< 20.3 U	< 2310 U
Aroclor 1268	ug/kg	NE	NE	NE	< 642 U	< 47.8 U	< 20.7 U	< 23200 U	< 21.6 U	< 21.3 U	< 24300 U	< 22.0 U	< 20.3 U	< 2310 U
Total PCB Aroclors	ug/kg	NE	NE	1000	41264	413	124	203000	317	1240	879000	< 220 U	1460	118000
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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 NS = Not sampled for this constituent
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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AE14-SS228 0 - 0.25 ft AE14-SS228 0-3 8/11/2011 SB33374	AE15-SB364 3.5 - 4 ft E15-SB364 (3.5-4)-041212- 4/12/2012 SB47192	AE15-SB364 6 - 6.5 ft E15-SB364 (6-6.5)-041212- 4/12/2012 SB47192	AE15-SS88 0 - 0.25 ft AE15 SS88 0-3 8/11/2011 SB33302	AE15-SS88 0 - 0.5 ft AE15-SS88-080411 8/4/2011 SB32875	AE16-SB291 6 - 7 ft AE16-SB291(6-7)-021412- 2/14/2012 SB43969	AE16-SB291 9 - 10 ft AE16-SB291(9-10)-021412- 2/14/2012 SB43969	AE16-SB291 9 - 10 ft AE16-SB291(9-10)-021412- 2/14/2012 SB43969	AE16-SS89 0 - 0.25 ft AE16 SS89 0-3 8/11/2011 SB33302	AE16-SS89 0 - 0.5 ft AE16-SS89-080411 8/4/2011 SB32875
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	560	< 22.2 U	< 21000 U	2530	2340	< 204 U	< 23600 U	< 25000 U	235	83.0
Aroclor 1254	ug/kg	NE	NE	NE	< 24.2 U	< 22.2 U	< 21000 U	< 24.5 U	< 20.6 U	< 204 U	< 23600 U	< 25000 U	< 23.6 U	< 20.7 U
Aroclor 1260	ug/kg	NE	NE	NE	29.1	< 22.2 U	< 21000 U	66.8	93.9	< 204 U	25200	27800	< 23.6 U	< 20.7 U
Aroclor 1262	ug/kg	NE	NE	NE	< 24.2 U	< 22.2 U	< 21000 U	< 24.5 U	< 20.6 U	< 204 U	< 23600 U	< 25000 U	< 23.6 U	< 20.7 U
Aroclor 1268	ug/kg	NE	NE	NE	< 24.2 U	< 22.2 U	< 21000 U	< 24.5 U	< 20.6 U	< 204 U	< 23600 U	< 25000 U	< 23.6 U	< 20.7 U
Total PCB Aroclors	ug/kg	NE	NE	1000	589	< 22.2 U	384000	2600	2430	< 204 U	2180000	2300000	235	83.0
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AE17-SB79 0 - 1 ft AE17-SB79 0-1 8/10/2011 SB33218	AE17-SB79 1 - 2 ft AE17-SB79 1-2 8/10/2011 SB33218	AE17-SB79 6 - 7 ft AE17-SB79 6-7 8/10/2011 SB33218	AE19-SB263 12 - 13 ft E19-SB263 (12-13)-122811 12/28/2011 SB41712	AE19-SB263 4 - 5 ft AE19-SB263 (4-5)-122811- 12/28/2011 SB41712	AE19-SB263 6 - 7 ft AE19-SB263 (6-7)-122811- 12/28/2011 SB41712	AE19-SB263 6 - 7 ft AE19-SB263 (6-7)-122811- 12/28/2011 SB41712	AE8-SB275 3 - 5 ft AE8-SB275(3-5)-122911-1 12/29/2011 SB41766	AE8-SB275 5 - 6 ft AE8-SB275(5-6)-122911-1 12/29/2011 SB41766	AE8-SS87 0 - 0.25 ft AE8 SS87 0-3 8/11/2011 SB33302
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 22.2 U	< 20.3 U	< 21.9 U	< 21.0 U	< 19.7 U	< 516 U	< 525 U	< 25.8 U	< 591 U	1930
Aroclor 1254	ug/kg	NE	NE	NE	< 22.2 U	< 20.3 U	< 21.9 U	< 21.0 U	< 19.7 U	< 516 U	< 525 U	< 25.8 U	< 591 U	< 23.5 U
Aroclor 1260	ug/kg	NE	NE	NE	< 22.2 U	< 20.3 U	< 21.9 U	< 21.0 U	< 19.7 U	< 516 U	< 525 U	< 25.8 U	< 591 U	58.7
Aroclor 1262	ug/kg	NE	NE	NE	< 22.2 U	< 20.3 U	< 21.9 U	< 21.0 U	< 19.7 U	< 516 U	< 525 U	< 25.8 U	< 591 U	< 23.5 U
Aroclor 1268	ug/kg	NE	NE	NE	< 22.2 U	< 20.3 U	< 21.9 U	< 21.0 U	< 19.7 U	< 516 U	< 525 U	< 25.8 U	< 591 U	< 23.5 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 22.2 U	< 20.3 U	< 21.9 U	< 21.0 U	< 19.7 U	< 516 U	< 525 U	< 25.8 U	< 591 U	1990
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AE8-SS87 0 - 0.5 ft AE8-SS87-080411 8/4/2011 SB32875	AF12 1 - 1.5 ft AF12 (1-1.5)-1 9/18/2020 2011050	AF12 2 - 4 ft AF12 (2-4)-1 9/18/2020 2011050	AF12 4 - 5 ft AF12 (4-5)-1 9/18/2020 2011050	AF12 5 - 6 ft AF12 (5-6)-1 9/18/2020 20J0867	AF13-SB456 2 - 3 ft AF13-SB456 (2-3)071112-1 7/11/2012 SB52651	AF13-SB456 4 - 4.5 ft AF13-SB456 (4-4.5)071112-1 7/11/2012 SB52651	AF14 1 - 1.5 ft AF14 (1-1.5)-1 9/18/2020 2011050	AF14 2 - 4 ft AF14 (2-4)-1 9/18/2020 2011050	AF14 4 - 5 ft AF14 (4-5)-1 9/18/2020 2011050
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	729	340	< 850	< 470	970000	468	362000	4300	< 22000	< 47000
Aroclor 1254	ug/kg	NE	NE	NE	< 21.5 U	< 89	< 850	< 470	< 240000	< 20.8 U	< 23600 U	< 870	< 22000	< 47000
Aroclor 1260	ug/kg	NE	NE	NE	< 21.5 U	< 89	< 850	< 470	< 240000	< 20.8 U	< 23600 U	< 870	< 22000	< 47000
Aroclor 1262	ug/kg	NE	NE	NE	< 21.5 U	< 89	< 850	< 470	< 240000	< 20.8 U	< 23600 U	< 870	< 22000	< 47000
Aroclor 1268	ug/kg	NE	NE	NE	< 21.5 U	< 89	< 850	< 470	< 240000	< 20.8 U	< 23600 U	< 870	< 22000	< 47000
Total PCB Aroclors	ug/kg	NE	NE	1000	729	340	3200	2600	970000	468	362000	4300	140000	500000
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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 Green highlighted cells exceed the 2013 GB PMC
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 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
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 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AF14 5 - 6 ft AF14 (5-6)-1 9/18/2020 20I1050	AF14-A 0 - 2 ft AF14-A-041818 4/18/2018 18D0844	AF14-B 0 - 2 ft AF14-B-041818 4/18/2018 18D0844	AF14-C 0 - 2 ft AF14-C-041818 4/18/2018 18D0844	AF14-D 0 - 2 ft AF14-D-041818 4/18/2018 18D0844	AF14-E 0 - 2 ft AF14-E-041818 4/18/2018 18D0844	AF14-SB454 4 - 5 ft AF14-SB454 (4-5)71012-1 7/10/2012 SB52651	AF14-SB454 5.5 - 6 ft AF14-SB454 (5.5-6)71012-1 7/10/2012 SB52651	AF15-SB259 4 - 5 ft AF15-SB259 (4-5)-122711-1 12/27/2011 SB41712	AF15-SB259 6 - 7.5 ft AF15-SB259 (6-7.5)-122711-1 12/27/2011 SB41712
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	34000	< 470	< 92	< 460	< 420	260	694000	534000	< 22.1 U	< 25.6 U
Aroclor 1254	ug/kg	NE	NE	NE	< 1900	< 470	< 92	< 460	< 420	< 82	< 30600 U	< 23000 U	< 22.1 U	< 25.6 U
Aroclor 1260	ug/kg	NE	NE	NE	< 1900	< 470	< 92	< 460	< 420	< 82	< 30600 U	< 23000 U	54.1	5410
Aroclor 1262	ug/kg	NE	NE	NE	< 1900	< 470	< 92	< 460	< 420	< 82	< 30600 U	< 23000 U	< 22.1 U	< 25.6 U
Aroclor 1268	ug/kg	NE	NE	NE	< 1900	< 470	< 92	< 460	< 420	< 82	< 30600 U	< 23000 U	< 22.1 U	< 25.6 U
Total PCB Aroclors	ug/kg	NE	NE	1000	34000	< 470	< 92	< 460	< 420	260	694000	534000	5404.1	575410
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	73.3
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.211 U
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.505 J
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	73.8

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GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AF15-SB259 9 - 10 ft F15-SB259 (9-10)-122711- 12/27/2011 SB41712	AF15-SS90 0 - 0.25 ft AF15 SS90 0-3 8/11/2011 SB33302	AF15-SS90 0 - 0.5 ft AF15-SS90-080411 8/4/2011 SB32875	AF16-SB361 10.5 - 11 ft 16-SB361 (10.5-11)-041212 4/12/2012 SB47192	AF16-SB361 13 - 13.5 ft 16-SB361 (13-13.5)-041212 4/12/2012 SB47192	AF16-SB361 4.5 - 5 ft F16-SB361 (4.5-5)-041212- 4/12/2012 SB47192	AF16-SS91 0 - 0.25 ft AF16 SS91 0-3 8/11/2011 SB33302	AF16-SS91 0 - 0.5 ft AF16-SS91-080411 8/4/2011 SB32875	AF17-SB353 1 - 1.5 ft F17-SB353(1-1.5)-041012- 4/10/2012 SB46973	AF17-SB353 11.5 - 12 ft F17-SB353(11.5-12)-041012- 4/10/2012 SB46973
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 20.3 U	2480	20500	< 4560 U	< 21.0 U	< 213 U	4890	3590	< 225 U	289
Aroclor 1254	ug/kg	NE	NE	NE	< 20.3 U	< 22.9 U	< 20.4 U	< 4560 U	< 42.1 U	< 213 U	< 22.9 U	< 21.4 U	< 225 U	< 38.0 U
Aroclor 1260	ug/kg	NE	NE	NE	< 20.3 U	111	708	< 4560 U	< 21.0 U	< 21.3 U	171	126	< 22.5 U	< 38.0 U
Aroclor 1262	ug/kg	NE	NE	NE	< 20.3 U	< 22.9 U	< 20.4 U	< 4560 U	< 21.0 U	< 21.3 U	< 22.9 U	< 21.4 U	< 22.5 U	< 38.0 U
Aroclor 1268	ug/kg	NE	NE	NE	< 20.3 U	< 22.9 U	< 20.4 U	< 4560 U	< 21.0 U	< 21.3 U	< 22.9 U	< 21.4 U	< 22.5 U	< 38.0 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 20.3 U	2590	21208	197000	680	< 213 U	5061	3720	< 225 U	289
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AF17-SB353 11.5 - 12 ft 17-SB353(11.5-12)-041012 4/10/2012 SB46973	AF17-SB353 5 - 7 ft AF17-SB353(5-7)-041012-1 4/10/2012 SB46973	AF20 1 - 1.5 ft AF20 (1-1.5)-1 9/18/2020 2011050	AF20 2 - 4 ft AF20 (2-4)-1 9/18/2020 2011050	AF20 5 - 7 ft AF20 (5-7)-1 9/18/2020 2011050	AF21-SB202 0 - 0.5 ft AF21-SB202(0-0.5)-1 10/2/2011 SB36674	AF21-SB202 12 - 13 ft AF21-SB202(12-13)-1 10/2/2011 SB36674	AF21-SB202 6.5 - 7 ft AF21-SB202(6.5-7.0)-1 10/2/2011 SB36674	AF21-SB202 9 - 9.5 ft AF21-SB202(9-9.5)-1 10/2/2011 SB36674	AF22-SB215 0 - 0.5 ft AF-22-SB215(0-0.5) 10/9/2011 SB37166
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	885	64.2	190	< 88	< 220000	< 10.8 U	< 86.5 UJ	4030 J	< 28.9 U	< 20.2 U
Aroclor 1254	ug/kg	NE	NE	NE	< 25.3 U	< 22.9 U	< 88	< 88	< 220000	< 10.8 U	< 86.5 UJ	< 22.8 U	< 28.9 U	< 20.2 U
Aroclor 1260	ug/kg	NE	NE	NE	< 25.3 U	< 22.9 U	< 88	< 88	< 220000	< 10.8 U	< 86.5 UJ	155 J	< 28.9 U	< 20.2 U
Aroclor 1262	ug/kg	NE	NE	NE	< 25.3 U	< 22.9 U	< 88	< 88	< 220000	< 10.8 U	< 86.5 UJ	< 22.8 U	< 28.9 U	< 20.2 U
Aroclor 1268	ug/kg	NE	NE	NE	< 25.3 U	< 22.9 U	< 88	< 88	< 220000	< 10.8 U	< 86.5 UJ	< 22.8 U	< 28.9 U	< 20.2 U
Total PCB Aroclors	ug/kg	NE	NE	1000	885	64.2	190	< 88	1200000	< 10.8 U	< 86.5 U	4190	< 28.9 U	< 20.2 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	31	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	31	NS	NS	NS	NS	NS

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AF22-SB215 1 - 3 ft AF-22-SB215(1-3) DUP 10/9/2011 SB37166	AF22-SB215 1 - 3 ft AF-22-SB215(1-3) 10/9/2011 SB37166	AF22-SB215 5 - 6 ft AF-22-SB215(5-6) 10/9/2011 SB37166	AF22-SB215 8 - 9 ft AF-22-SB215(8-9) 10/9/2011 SB37166	AF23-SB203 0 - 1 ft AF23-SB203(0-1)-1 10/2/2011 SB36674	AF23-SB203 11.5 - 12 ft AF23-SB203(11.5-12)-1 10/2/2011 SB36674	AF23-SB203 8 - 9 ft AF23-SB203(8-9)-1 10/2/2011 SB36674	AF24-SB217 0 - 0.5 ft AF-24-SB217(0-0.5) 10/9/2011 SB37166	AF24-SB217 4 - 5 ft AF-24-SB217(4-5) 10/9/2011 SB37166	AF24-SB217 5 - 6 ft AF-24-SB217(5-6) 10/9/2011 SB37166
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	492	570	< 22.6 U	< 28.8 U	< 22.9 U	< 20.6 U	< 21.6 U	< 20.8 U	< 20.3 U	< 20.1 U
Aroclor 1254	ug/kg	NE	NE	NE	< 21.7 U	< 21.6 U	< 22.6 U	< 28.8 U	< 22.9 U	< 20.6 U	< 21.6 U	< 20.8 U	< 20.3 U	< 20.1 U
Aroclor 1260	ug/kg	NE	NE	NE	< 21.7 U	< 21.6 U	< 22.6 U	< 28.8 U	< 22.9 U	< 20.6 U	< 21.6 U	< 20.8 U	< 20.3 U	65.4
Aroclor 1262	ug/kg	NE	NE	NE	< 21.7 U	< 21.6 U	< 22.6 U	< 28.8 U	< 22.9 U	< 20.6 U	< 21.6 U	< 20.8 U	< 20.3 U	< 20.1 U
Aroclor 1268	ug/kg	NE	NE	NE	< 21.7 U	< 21.6 U	< 22.6 U	< 28.8 U	< 22.9 U	< 20.6 U	< 21.6 U	< 20.8 U	< 20.3 U	< 20.1 U
Total PCB Aroclors	ug/kg	NE	NE	1000	492	570	< 22.6 U	< 28.8 U	< 22.9 U	< 20.6 U	< 21.6 U	< 20.8 U	< 20.3 U	65.4
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AF24-SB217 8 - 9 ft AF-24-SB217(8-9) 10/9/2011 SB37166	AG10-SB442 1.5 - 2 ft G10-SB442 (1.5-2)-070912 7/9/2012 SB52446	AG10-SB442 9 - 10 ft G10-SB442 (9-10)-070912 7/9/2012 SB52446	AG11 1 - 1.5 ft AG11 (1-1.5)-1 9/18/2020 2011051	AG11 2 - 4 ft AG11 (2-4)-1 9/18/2020 2011051	AG11 4 - 5 ft AG11 (4-5)-1 9/18/2020 2011051	AG11 5 - 6 ft AG11 (5-6)-1 9/18/2020 20J0701	AG12-E 0 - 2 ft AG12-E-071118-1 7/11/2018 18G0509	AG12-SB453 1 - 2 ft AG12-SB453 (1-2)71012-1 7/10/2012 SB52651	AG12-SB453 11 - 12 ft AG12-SB453 (11-12)71012-1 7/10/2012 SB52651
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 21.8 U	10900	< 24.5 U	< 93	< 4500	< 97000	< 50000	< 89 U	436	593
Aroclor 1254	ug/kg	NE	NE	NE	< 21.8 U	< 207 U	< 24.5 U	< 93	< 4500	< 97000	< 50000	< 89 U	< 23.4 U	< 27.0 U
Aroclor 1260	ug/kg	NE	NE	NE	< 21.8 U	259	< 24.5 U	< 93	< 4500	< 97000	< 50000	< 89 U	< 23.4 U	< 27.0 U
Aroclor 1262	ug/kg	NE	NE	NE	< 21.8 U	< 207 U	< 24.5 U	< 93	< 4500	< 97000	< 50000	< 89 U	< 23.4 U	< 27.0 U
Aroclor 1268	ug/kg	NE	NE	NE	< 21.8 U	< 207 U	< 24.5 U	< 93	< 4500	< 97000	< 50000	< 89 U	< 23.4 U	< 27.0 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 21.8 U	11200	< 24.5 U	550	42000	2400000	520000	< 89	436	593
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

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RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

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UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AG12-SB453 4 - 5 ft	AG13-SB455 11.5 - 12 ft	AG13-SB455 4.5 - 5 ft	AG13-SB455 7 - 8 ft	AG14-SB451 12 - 13 ft	AG14-SB451 3.5 - 4 ft	AG14-SB451 6 - 7 ft	AG14-SS229 0 - 0.25 ft	AG15-SB360 11.5 - 12.5 ft	AG15-SB360 3 - 3.5 ft
Depth Interval					AG12-SB453 (4-5)71012-1	AG13-SB455 (11.5-12)71012	AG13-SB455 (4.5-5)71012-1	AG13-SB455 (7-8)71012-1	AG14-SB451(12-13)-071012	AG14-SB451(3.5-4)-071012	AG14-SB451(6-7)-071012-1	AG14-SS229 0-3	AG15-SB360 (11.5-12.5)-0411	AG15-SB360 (3-3.5)-041112
Sample ID					7/10/2012	7/10/2012	7/10/2012	7/10/2012	7/10/2012	7/10/2012	7/10/2012	8/11/2011	4/11/2012	4/11/2012
Sample Date					SB52651	SB52651	SB52651	SB52651	SB52560	SB52560	SB52560	SB33374	SB47192	SB47192
SDG														
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	808000	660	1140000 J	1250	207	1410000	189	8930	484 J	1150
Aroclor 1254	ug/kg	NE	NE	NE	< 22700 U	< 48.7 U	< 24600 U	< 21.0 U	< 39.0 U	< 27700 U	< 21.1 U	< 22.1 U	< 28.8 U	< 22.4 U
Aroclor 1260	ug/kg	NE	NE	NE	< 22700 U	< 48.7 U	< 24600 U	21.0	< 39.0 U	< 27700 U	< 21.1 U	6920	< 28.8 U	49.1
Aroclor 1262	ug/kg	NE	NE	NE	< 22700 U	< 48.7 U	< 24600 U	< 21.0 U	< 39.0 U	< 27700 U	< 21.1 U	< 22.1 U	< 28.8 U	< 22.4 U
Aroclor 1268	ug/kg	NE	NE	NE	< 22700 U	< 48.7 U	< 24600 U	< 21.0 U	< 39.0 U	< 27700 U	< 21.1 U	< 22.1 U	< 28.8 U	< 22.4 U
Total PCB Aroclors	ug/kg	NE	NE	1000	808000	660	1140000	1270	207	1410000	189	15850	484	1200
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AG15-SB360 7 - 8 ft	AG16-SB358 12 - 13 ft	AG16-SB358 4 - 4.5 ft	AG16-SB358 6 - 7 ft	AG16-SS180 0 - 0.25 ft	AG16-SS181 0 - 0.25 ft	AG16-SS93 0 - 0.5 ft	AG16-SS93 0 - 0.5 ft	AG17-SB255 10 - 11 ft	AG17-SB255 4 - 5 ft
Depth Interval					AG15-SB360 (7-8)-041112-	G16-SB358 (12-13)-041012-	G16-SB358 (4-4.5)-041012-	AG16-SB358 (6-7)-041012-	AG16-SS180 0-3	AG16 SS181 0-3	AG16-SS93-080411	AG16-SS93-080511	G17-SB255 (10-11)-122711-	AG17-SB255 (4-5)-122711-
Sample ID					4/11/2012	4/10/2012	4/10/2012	4/10/2012	8/11/2011	8/11/2011	8/4/2011	8/5/2011	12/27/2011	12/27/2011
Sample Date					SB47192	SB47192	SB47192	SB47192	SB33374	SB33302	SB32875	SB32945	SB41712	SB41712
SDG														
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	403000	< 317 U	1920	< 25600 U	28300	6480	6040	7370	596	11000
Aroclor 1254	ug/kg	NE	NE	NE	< 4650 U	< 317 U	< 21.4 U	< 25600 U	< 23.7 U	< 23.0 U	< 210 U	< 20.3 U	< 22.6 U	< 22.4 U
Aroclor 1260	ug/kg	NE	NE	NE	< 4650 U	< 31.7 U	33.7	< 25600 U	457	244	< 210 U	156	< 22.6 U	189
Aroclor 1262	ug/kg	NE	NE	NE	< 4650 U	< 31.7 U	< 21.4 U	< 25600 U	< 23.7 U	< 23.0 U	< 210 U	< 20.3 U	< 22.6 U	< 22.4 U
Aroclor 1268	ug/kg	NE	NE	NE	< 4650 U	< 31.7 U	< 21.4 U	< 25600 U	< 23.7 U	< 23.0 U	< 210 U	< 20.3 U	< 22.6 U	< 22.4 U
Total PCB Aroclors	ug/kg	NE	NE	1000	403000	< 317 U	1950	1150000	28837.9	6724	6040	7526	596	11189
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AG17-SB255 5 - 7 ft AG17-SB255 (5-7)-122711- 12/27/2011 SB41712	AG18-SB302 6 - 7 ft AG18-SB302(6-7)-021612- 2/16/2012 SB44035	AG18-SB302 8 - 10 ft AG18-SB302(8-10)-021612- 2/16/2012 SB44035	AG18-SB302 8 - 10 ft AG18-SB302(8-10)-021612- 2/16/2012 SB44035	AG21-SB214 0 - 0.5 ft AG-21-SB214(0-0.5) 10/9/2011 SB37166	AG21-SB214 13 - 14 ft AG-21-SB214(13-14) 10/9/2011 SB37166	AG21-SB214 4.5 - 5.5 ft AG-21-SB214(4.5-5.5) 10/9/2011 SB37166	AG21-SB214 8 - 8.5 ft AG-21-SB214(8.0-8.5) 10/9/2011 SB37166	AG22-SB213 0 - 0.5 ft AG-22-SB213(0-0.5) 10/9/2011 SB37166	AG22-SB213 10 - 15 ft AG-22-SB213(10-15) 10/9/2011 SB37166
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	929	337000	< 20.7 UJ	140 J	< 21.6 U	< 66.8 UJ	< 21.7 U	< 19.7 U	< 20.4 U	< 27.0 U
Aroclor 1254	ug/kg	NE	NE	NE	< 24.7 U	< 2820 U	< 20.7 U	< 20.6 U	< 21.6 U	< 66.8 UJ	< 21.7 U	< 19.7 U	< 20.4 U	< 27.0 U
Aroclor 1260	ug/kg	NE	NE	NE	< 24.7 U	< 2820 U	< 20.7 U	< 20.6 U	< 21.6 U	< 66.8 UJ	37.9	< 19.7 U	< 20.4 U	< 27.0 U
Aroclor 1262	ug/kg	NE	NE	NE	< 24.7 U	< 2820 U	< 20.7 U	< 20.6 U	< 21.6 U	< 66.8 UJ	< 21.7 U	< 19.7 U	< 20.4 U	< 27.0 U
Aroclor 1268	ug/kg	NE	NE	NE	< 24.7 U	< 2820 U	< 20.7 U	< 20.6 U	< 21.6 U	< 66.8 UJ	< 21.7 U	< 19.7 U	< 20.4 U	< 27.0 U
Total PCB Aroclors	ug/kg	NE	NE	1000	929	337000	< 20.7 U	140	< 21.6 U	< 66.8 U	37.9	< 19.7 U	< 20.4 U	< 27.0 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AG22-SB213 2 - 2.5 ft AG-22-SB213(2-2.5) 10/9/2011 SB37166	AG22-SB213 6 - 7 ft AG-22-SB213(6-7) 10/9/2011 SB37166	AG23-SB216 0 - 0.5 ft AG-23-SB216(0-0.5) 10/9/2011 SB37166	AG23-SB216 14 - 15 ft AG-23-SB216(14-15) 10/9/2011 SB37166	AG23-SB216 3 - 4 ft AG-23-SB216(3-4) 10/9/2011 SB37166	AG23-SB216 9 - 10 ft AG-23-SB216(9-10) 10/9/2011 SB37166	AG8 1 - 2 ft AG8(1-2)-1 9/17/2020 20I0953	AG8 1 - 2 ft AG8(1-2)-2 9/17/2020 20I0953	AG9-SS92 0 - 0.25 ft AG9 SS92 0-3 8/11/2011 SB33302	AG9-SS92 0 - 0.5 ft AG9-SS92-080411 8/4/2011 SB32875
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 21.2 U	< 28.0 U	< 20.4 U	< 21.8 U	< 24.5 U	< 21.2 U	1600	1700	218	979
Aroclor 1254	ug/kg	NE	NE	NE	< 21.2 U	< 28.0 U	< 20.4 U	< 21.8 U	< 24.5 U	< 21.2 U	< 410	< 83	< 23.3 U	< 23.2 U
Aroclor 1260	ug/kg	NE	NE	NE	< 21.2 U	< 28.0 U	112	< 21.8 U	37.7	71.2	< 410	150	< 23.3 U	39.5
Aroclor 1262	ug/kg	NE	NE	NE	< 21.2 U	< 28.0 U	< 20.4 U	< 21.8 U	< 24.5 U	< 21.2 U	< 410	< 83	< 23.3 U	< 23.2 U
Aroclor 1268	ug/kg	NE	NE	NE	< 21.2 U	< 28.0 U	< 20.4 U	< 21.8 U	< 24.5 U	< 21.2 U	< 410	< 83	< 23.3 U	< 23.2 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 21.2 U	< 28.0 U	112	< 21.8 U	37.7	71.2	1600	1850	218	1020
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AH10-E 0 - 2 ft AH10-E-071118-1 7/11/2018 18G0509	AH12 1 - 1.5 ft AH12 (1-1.5)-1 9/18/2020 20I1051	AH12 2 - 4 ft AH12 (2-4)-1 9/18/2020 20I1051	AH12 4 - 5 ft AH12 (4-5)-1 9/18/2020 20I1051	AH12 5 - 6 ft AH12 (5-6)-1 9/18/2020 20J0867	AH13-SB448 1 - 2 ft AH13-SB448(1-2)-071012-1 7/10/2012 SB52560	AH13-SB448 11.5 - 12 ft AH13-SB448(11.5-12)-071012-1 7/10/2012 SB52560	AH13-SB448 3.5 - 5 ft AH13-SB448(3.5-5)-071012-1 7/10/2012 SB52560	AH13-SB448 3.5 - 5 ft AH13-SB448(3.5-5)-071012-1 7/10/2012 SB52560	AH14-SB447 1 - 2 ft AH14-SB447(1-2)-071012-1 7/10/2012 SB52560
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 88 U	3900	690	< 78	59000	< 196 U	2590000	< 23.7 U	< 24.1 U	< 21.6 U
Aroclor 1254	ug/kg	NE	NE	NE	< 88 U	< 860	< 89	< 78	< 9100	< 196 U	< 44700 U	< 23.7 U	< 24.1 U	< 21.6 U
Aroclor 1260	ug/kg	NE	NE	NE	< 88 U	< 860	< 89	< 78	< 9100	1080	< 44700 U	< 23.7 U	< 24.1 U	< 21.6 U
Aroclor 1262	ug/kg	NE	NE	NE	< 88 U	< 860	< 89	< 78	< 9100	< 196 U	< 44700 U	< 23.7 U	< 24.1 U	< 21.6 U
Aroclor 1268	ug/kg	NE	NE	NE	< 88 U	< 860	< 89	< 78	< 9100	< 196 U	< 44700 U	< 23.7 U	< 24.1 U	< 21.6 U
Total PCB Aroclors	ug/kg	NE	NE	1000	120	3900	690	< 78	59000	30100	2590000	179	464	260
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AH14-SB447 11.5 - 12 ft 14-SB447(11.5-12)-071012 7/10/2012 SB52560	AH14-SB447 4.5 - 5.5 ft 14-SB447(4.5-5.5)-071012 7/10/2012 SB52560	AH15-SB357 4.5 - 5 ft 15-SB357(4.5-5)-041012 4/10/2012 SB46973	AH15-SB357 5 - 7 ft 15-SB357(5-7)-041012 4/10/2012 SB46973	AH16-SB258 12 - 13 ft 16-SB258 (12-13)-122711 12/27/2011 SB41712	AH16-SB258 4.5 - 5 ft 16-SB258 (4.5-5)-122711 12/27/2011 SB41712	AH16-SB258 6 - 7.5 ft 16-SB258 (6-7.5)-122711 12/27/2011 SB41712	AH16-SS178 0 - 0.25 ft 16-SS178 0-3 8/11/2011 SB33374	AH16-SS179 0 - 0.25 ft 16-SS179 0-3 8/11/2011 SB33302	AH16-SS94 0 - 0.25 ft 16-SS94 0-3 8/11/2011 SB33302
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 39900 U	279	131000	1710000	< 27.3 U	< 23.6 U	< 25.8 U	117000	1640	18700
Aroclor 1254	ug/kg	NE	NE	NE	< 39900 U	161	< 2160 U	< 24800 U	< 27.3 U	< 23.6 U	< 25.8 U	< 21.4 U	< 23.3 U	< 22.6 U
Aroclor 1260	ug/kg	NE	NE	NE	< 39900 U	< 24.1 U	< 2160 U	< 24800 U	295	333	5360	1550	93.6	810 J
Aroclor 1262	ug/kg	NE	NE	NE	< 39900 U	< 24.1 U	< 2160 U	< 24800 U	< 27.3 U	< 23.6 U	< 25.8 U	< 21.4 U	< 23.3 U	< 22.6 U
Aroclor 1268	ug/kg	NE	NE	NE	< 39900 U	< 24.1 U	< 2160 U	< 24800 U	< 27.3 U	< 23.6 U	< 25.8 U	< 21.4 U	< 23.3 U	< 22.6 U
Total PCB Aroclors	ug/kg	NE	NE	1000	1200000	440	131000	1710000	47195	32133	1025360	118550	1730	19510
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AH16-SS94 0 - 0.5 ft AH16-SS94-080411 8/4/2011 SB32875	AH17-SB352 1.5 - 2 ft H17-SB352(1.5-2)-040912 4/9/2012 SB46973	AH17-SB352 12 - 13 ft H17-SB352(12-13)-040912 4/9/2012 SB46973	AH17-SB352 7 - 8 ft AH17-SB352(7-8)-040912 4/9/2012 SB46973	AH18-SB301 4 - 5 ft AH18-SB301(4-5)-021612 2/16/2012 SB44035	AH18-SB301 8 - 10 ft AH18-SB301(8-10)-021612 2/16/2012 SB44035	AH19-SB201 0 - 0.5 ft AH19-SB201(0-0.5)-2 10/2/2011 SB36674	AH19-SB201 0 - 0.5 ft AH19-SB201(0-0.5)-1 10/2/2011 SB36674	AH19-SB201 11 - 11.5 ft AH19-SB201(11-11.5)-1 10/2/2011 SB36674	AH19-SB201 14.5 - 15 ft AH19-SB201(14.5-15)-1 10/2/2011 SB36674
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	53000	591	1430	314	1090	< 25.7 U	< 10.2 U	< 10.6 U	1240	< 70.5 UJ
Aroclor 1254	ug/kg	NE	NE	NE	< 410 U	< 22.8 U	< 22.0 U	< 21.9 U	< 213 U	< 25.7 U	< 10.2 U	< 10.6 U	< 23.8 U	< 70.5 UJ
Aroclor 1260	ug/kg	NE	NE	NE	< 410 U	< 22.8 U	22.0	< 21.9 U	< 213 U	< 25.7 U	< 10.2 U	< 10.6 U	48.7	< 70.5 UJ
Aroclor 1262	ug/kg	NE	NE	NE	< 410 U	< 22.8 U	< 22.0 U	< 21.9 U	< 213 U	< 25.7 U	< 10.2 U	< 10.6 U	< 23.8 U	< 70.5 UJ
Aroclor 1268	ug/kg	NE	NE	NE	< 410 U	< 22.8 U	< 22.0 U	< 21.9 U	< 213 U	< 25.7 U	< 10.2 U	< 10.6 U	< 23.8 U	< 70.5 UJ
Total PCB Aroclors	ug/kg	NE	NE	1000	53000	591	1450	314	1090	< 25.7 U	< 10.2 U	< 10.6 U	1290	< 70.5 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

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NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AH19-SB201 6 - 6.5 ft AH19-SB201(6-6.5)-1 10/2/2011 SB36674	AH20 0.5 - 1 ft AH20 (0.5-1)-1 9/18/2020 2011050	AH20 2 - 4 ft AH20 (2-4)-1 9/18/2020 2011050	AH20 5 - 7 ft AH20 (5-7)-1 9/18/2020 2011050	AH20-SB300 4 - 5 ft AH20-SB300(4-5)-021612-1 2/16/2012 SB44035	AH20-SB300 6 - 7 ft AH20-SB300(6-7)-021612-1 2/16/2012 SB44035	AH21A-SB218 1 - 2 ft AH21A-SB218(1-2)-1 11/13/2011 SB39231	AH21A-SB218 4 - 5 ft AH21A-SB218(4-5)-1 11/13/2011 SB39231	AH21A-SB218 5.5 - 6.5 ft AH21A-SB218(5.5-6.5)-1 11/13/2011 SB39231	AH21B-SB219 2 - 3 ft AH21B-SB219(2-3)-1 11/13/2011 SB39231
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	3870 J	180	170	< 2200	1840	6240	< 14.7 U	389	4030	< 29.4 U
Aroclor 1254	ug/kg	NE	NE	NE	< 25.7 U	130	100	< 2200	< 215 U	< 212 U	< 14.7 U	< 14.1 U	< 15.3 U	< 29.4 U
Aroclor 1260	ug/kg	NE	NE	NE	335 J	< 87	< 83	< 2200	< 215 U	397	15.5	21.1	49.7	< 29.4 U
Aroclor 1262	ug/kg	NE	NE	NE	< 25.7 U	< 87	< 83	< 2200	< 215 U	< 212 U	< 14.7 U	< 14.1 U	< 15.3 U	< 29.4 U
Aroclor 1268	ug/kg	NE	NE	NE	< 25.7 U	< 87	< 83	< 2200	< 215 U	< 212 U	< 14.7 U	< 14.1 U	< 15.3 U	< 29.4 U
Total PCB Aroclors	ug/kg	NE	NE	1000	4210	310	270	26000	1840	6640	15.5	410	4079.7	< 29.4 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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ug/kg = micrograms per kilogram

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AH21B-SB219 4 - 5 ft AH21B-SB219(4-5)-1 11/13/2011 SB39231	AH21B-SB219 6 - 7 ft AH21B-SB219(6-7)-2 11/13/2011 SB39231	AH21B-SB219 6 - 7 ft AH21B-SB219(6-7)-1 11/13/2011 SB39231	AH21C-SB220 2 - 3 ft AH21C-SB220(2-3)-1 11/13/2011 SB39231	AH21C-SB220 4 - 5 ft AH21C-SB220(4-5)-1 11/13/2011 SB39231	AH21C-SB220 5 - 6 ft AH21C-SB220(5-6)-1 11/13/2011 SB39231	AH21D-SB221 5 - 6 ft AH21D-SB221(5-6)-1 11/13/2011 SB39231	AH21E-SB222 2 - 3 ft AH21E-SB222(2-3)-1 11/13/2011 SB39231	AH21E-SB222 4 - 5 ft AH21E-SB222(4-5)-1 11/13/2011 SB39231	AH21E-SB222 5 - 6 ft AH21E-SB222(5-6)-1 11/13/2011 SB39231
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	231	77600	85800	227	1310	2240	166	779	1900	< 22.3 U
Aroclor 1254	ug/kg	NE	NE	NE	< 14.8 U	< 846 U	< 175 U	< 14.5 U	< 14.8 U	< 15.4 U	< 14.2 U	< 21.8 U	< 20.9 U	< 22.3 U
Aroclor 1260	ug/kg	NE	NE	NE	48.0	846	1360	< 14.5 U	505	97.1	< 14.2 U	70.8	52.2	< 22.3 U
Aroclor 1262	ug/kg	NE	NE	NE	< 14.8 U	< 846 U	< 175 U	< 14.5 U	< 14.8 U	< 15.4 U	< 14.2 U	< 21.8 U	< 20.9 U	< 22.3 U
Aroclor 1268	ug/kg	NE	NE	NE	< 14.8 U	< 846 U	< 175 U	< 14.5 U	< 14.8 U	< 15.4 U	< 14.2 U	< 21.8 U	< 20.9 U	< 22.3 U
Total PCB Aroclors	ug/kg	NE	NE	1000	279	78400	87160	227	1820	2340	166	850	1950	< 22.3 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS									
Aroclor 1248	ug/l	NE	NE	NE	NS									
Aroclor 1260	ug/l	NE	NE	NE	NS									
Total PCB Aroclors	ug/l	0.5	5	NE	NS									

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AH21F-SB223 3 - 4 ft AH21F-SB223(3-4)-1 11/13/2011 SB39231	AH21F-SB223 4 - 5 ft AH21F-SB223(4-5)-1 11/13/2011 SB39231	AH21F-SB223 5 - 6 ft AH21F-SB223(5-6)-1 11/13/2011 SB39231	AH21G-SB224 2 - 3 ft AH21G-SB224(2-3)-1 11/13/2011 SB39231	AH21G-SB224 4 - 5 ft AH21G-SB224(4-5)-1 11/13/2011 SB39231	AH21G-SB224 6 - 7 ft AH21G-SB224(6-7)-1 11/13/2011 SB39231	AH21H-SB225 3 - 4 ft AH21H-SB225(3-4)-1 11/13/2011 SB39231	AH21H-SB225 4 - 5 ft AH21H-SB225(4-5)-1 11/13/2011 SB39231	AH21H-SB225 5 - 6 ft AH21H-SB225(5-6)-2 11/13/2011 SB39231	AH21H-SB225 5 - 6 ft AH21H-SB225(5-6)-1 11/13/2011 SB39231
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 44.1 U	< 20.1 U	< 21.6 U	722	11200 J+	< 21.2 U	< 20.8 U	333	20300 J	7500 J
Aroclor 1254	ug/kg	NE	NE	NE	< 44.1 U	< 20.1 U	< 21.6 U	< 22.5 U	< 21.5 U	< 21.2 U	< 20.8 U	< 21.0 U	< 25.3 U	< 24.0 U
Aroclor 1260	ug/kg	NE	NE	NE	< 44.1 U	< 20.1 U	< 21.6 U	29.2	531 J+	< 21.2 U	< 20.8 U	< 21.0 U	430 J	149 J
Aroclor 1262	ug/kg	NE	NE	NE	< 44.1 U	< 20.1 U	< 21.6 U	< 22.5 U	< 21.5 U	< 21.2 U	< 20.8 U	< 21.0 U	< 25.3 U	< 24.0 U
Aroclor 1268	ug/kg	NE	NE	NE	< 44.1 U	< 20.1 U	< 21.6 U	< 22.5 U	< 21.5 U	< 21.2 U	< 20.8 U	< 21.0 U	< 25.3 U	< 24.0 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 44.1 U	< 20.1 U	< 21.6 U	751	11731	< 21.2 U	< 20.8 U	333	20591	7649
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS									
Aroclor 1248	ug/l	NE	NE	NE	NS									
Aroclor 1260	ug/l	NE	NE	NE	NS									
Total PCB Aroclors	ug/l	0.5	5	NE	NS									

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AH21-SB206 0 - 0.5 ft AH21-SB206(0-0.5)-1 10/2/2011 SB36674	AH21-SB206 0 - 0.5 ft AH21-SB206(0-0.5)-2 10/2/2011 SB36674	AH21-SB206 11 - 12 ft AH21-SB206(11-12)-1 10/2/2011 SB36674	AH21-SB206 4 - 5 ft AH21-SB206(4-5)-1 10/2/2011 SB36674	AH21-SB206 8 - 9 ft AH21-SB206(8-9)-2 10/2/2011 SB36674	AH21-SB206 8 - 9 ft AH21-SB206(8-9)-1 10/2/2011 SB36674	AH22-SB212 0 - 0.5 ft AH-22-SB212(0-0.5) 10/9/2011 SB37166	AH22-SB212 14 - 15 ft AH-22-SB212(14-15) 10/9/2011 SB37166	AH22-SB212 4 - 5 ft AH-22-SB212(4-5) 10/9/2011 SB37166	AH22-SB212 5.5 - 6 ft AH-22-SB212(5.5-6) 10/9/2011 SB37166
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 10.9 U	< 10.9 U	< 35.9 U	18400	< 20.7 U	< 21.7 U	< 20.9 U	< 21.5 U	< 20.9 U	< 27.7 U
Aroclor 1254	ug/kg	NE	NE	NE	< 10.9 U	< 10.9 U	< 35.9 U	< 236 U	< 20.7 U	< 21.7 U	< 20.9 U	< 21.5 U	< 20.9 U	< 27.7 U
Aroclor 1260	ug/kg	NE	NE	NE	< 10.9 U	< 10.9 U	< 35.9 U	354	< 20.7 U	< 21.7 U	< 20.9 U	< 21.5 U	74.2	452
Aroclor 1262	ug/kg	NE	NE	NE	< 10.9 U	< 10.9 U	< 35.9 U	< 236 U	< 20.7 U	< 21.7 U	< 20.9 U	< 21.5 U	< 20.9 U	< 27.7 U
Aroclor 1268	ug/kg	NE	NE	NE	< 10.9 U	< 10.9 U	< 35.9 U	< 236 U	< 20.7 U	< 21.7 U	< 20.9 U	< 21.5 U	< 20.9 U	< 27.7 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 10.9 U	< 10.9 U	< 35.9 U	18800	< 20.7 U	< 21.7 U	< 20.9 U	< 21.5 U	74.2	452
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	< 0.2 UJ	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	0.29 J	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	< 0.2 UJ	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	0.29	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AH23A-SB493 2 - 3 ft H23A-SB493 (2-3)-071312- 7/13/2012 SB52798	AH23A-SB493 7 - 8 ft H23A-SB493 (7-8)-071312- 7/13/2012 SB52798	AH23-SB204 0 - 0.5 ft AH23-SB204(0-0.5)-1 10/2/2011 SB36674	AH23-SB204 15.5 - 16 ft AH23-SB204(15.5-16)-1 10/2/2011 SB36674	AH23-SB204 2 - 3 ft AH23-SB204(2-3)-1 10/2/2011 SB36674	AH23-SB204 7 - 8 ft AH23-SB204(7-8)-1 10/2/2011 SB36674	AH9-SS177 0 - 0.25 ft AH9 SS177 0-3 8/11/2011 SB33302	AI10-SB450 11.5 - 12 ft 10-SB450(11.5-12)-071012- 7/10/2012 SB52560	AI10-SB450 3 - 3.5 ft AI10-SB450(3-3.5)-071012- 7/10/2012 SB52560	AI10-SB450 4 - 5 ft AI10-SB450(4-5)-071012-1 7/10/2012 SB52560
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 20.8 U	< 21.2 U	< 21.3 U	< 22.6 U	< 22.3 U	< 21.7 U	2040	< 35.1 U	2010	< 22.8 U
Aroclor 1254	ug/kg	NE	NE	NE	< 20.8 U	< 21.2 U	< 21.3 U	< 22.6 U	< 22.3 U	< 21.7 U	< 24.2 U	< 35.1 U	2280	< 22.8 U
Aroclor 1260	ug/kg	NE	NE	NE	< 20.8 U	< 21.2 U	< 21.3 U	< 22.6 U	< 22.3 U	< 21.7 U	< 24.2 U	< 35.1 U	89.5	< 22.8 U
Aroclor 1262	ug/kg	NE	NE	NE	< 20.8 U	< 21.2 U	< 21.3 U	< 22.6 U	< 22.3 U	< 21.7 U	< 24.2 U	< 35.1 U	< 21.8 U	< 22.8 U
Aroclor 1268	ug/kg	NE	NE	NE	< 20.8 U	< 21.2 U	< 21.3 U	< 22.6 U	< 22.3 U	< 21.7 U	< 24.2 U	< 35.1 U	< 21.8 U	< 22.8 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 20.8 U	< 21.2 U	< 21.3 U	< 22.6 U	< 22.3 U	< 21.7 U	2040	< 35.1 U	4380	< 22.8 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AI11-SB449 1 - 1.5 ft AI11-SB449(1-1.5)-071012- 7/10/2012 SB52560	AI11-SB449 13 - 14 ft AI11-SB449(13-14)-071012- 7/10/2012 SB52560	AI11-SB449 7 - 9 ft AI11-SB449(7-9)-071012-1 7/10/2012 SB52560	AI11-SB449 7 - 9 ft AI11-SB449(7-9)-071012-2 7/10/2012 SB52560	AI14-SB446 1 - 2 ft AI14-SB446(1-2)-071012-1 7/10/2012 SB52560	AI14-SB446 11.5 - 12 ft AI14-SB446(11.5-12)-071012 7/10/2012 SB52560	AI14-SB446 3 - 4 ft AI14-SB446(3-4)-071012-1 7/10/2012 SB52560	AI15-SB355 11.5 - 12.5 ft AI15-SB355(11.5-12.5)-04101 4/10/2012 SB46973	AI15-SB355 4.5 - 5 ft AI15-SB355(4.5-5)-041012- 4/10/2012 SB46973	AI15-SB355 5 - 5.5 ft AI15-SB355(5-5.5)-041012- 4/10/2012 SB46973
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	2340	< 33.3 U	< 26.4 U	< 29.3 U	673000	685000	2000000	212	638000	9500000
Aroclor 1254	ug/kg	NE	NE	NE	1230	< 33.3 U	< 26.4 U	< 29.3 U	< 21400 U	< 22700 U	< 24000 U	< 30.5 U	< 22000 U	< 237000 U
Aroclor 1260	ug/kg	NE	NE	NE	55.6	< 33.3 U	< 26.4 U	< 29.3 U	< 21400 U	< 22700 U	< 24000 U	< 30.5 U	< 22000 U	< 237000 U
Aroclor 1262	ug/kg	NE	NE	NE	< 22.2 U	< 33.3 U	< 26.4 U	< 29.3 U	< 21400 U	< 22700 U	< 24000 U	< 30.5 U	< 22000 U	< 237000 U
Aroclor 1268	ug/kg	NE	NE	NE	< 22.2 U	< 33.3 U	< 26.4 U	< 29.3 U	< 21400 U	< 22700 U	< 24000 U	< 30.5 U	< 22000 U	< 237000 U
Total PCB Aroclors	ug/kg	NE	NE	1000	3630	< 33.3 U	< 26.4 U	< 29.3 U	673000	685000	2000000	212	638000	9500000
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Bold = Detected above reporting limit

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Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

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J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AI15-SS96 0 - 0.5 ft AI15-SS96-080311 8/3/2011 SB32875	AI15-SS96 0 - 0.5 ft AI15-SS96-080511 8/5/2011 SB32945	AI16-SB356 12 - 12.7 ft 16-SB356(12-12.7)-041012-1 4/10/2012 SB46973	AI16-SB356 4 - 4.5 ft AI16-SB356(4-4.5)-041012-1 4/10/2012 SB46973	AI16-SB356 5 - 6 ft AI16-SB356(5-6)-041012-1 4/10/2012 SB46973	AI16-SS97 0 - 0.5 ft AI16-SS97-080411 8/4/2011 SB32875	AI16-SS97 0 - 0.5 ft AI16-SS97-080511 8/5/2011 SB32945	AI17-SB351 12 - 13 ft AI17-SB351(12-13)-040912-1 4/9/2012 SB46864	AI17-SB351 3.5 - 4 ft AI17-SB351(3.5-4)-040912-1 4/9/2012 SB46864	AI17-SB351 8 - 10 ft AI17-SB351(8-10)-040912-2 4/9/2012 SB46864
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	9700	25800	441	1250000	1120000	8030	12500	< 213 U	244	< 222 U
Aroclor 1254	ug/kg	NE	NE	NE	< 21.4 U	< 20.5 U	< 31.4 U	< 23700 U	< 21500 U	< 233 U	< 215 U	< 213 U	< 23.1 U	< 222 U
Aroclor 1260	ug/kg	NE	NE	NE	190	202	< 31.4 U	29600	< 21500 U	< 233 U	258	22.4	25.4	< 22.2 U
Aroclor 1262	ug/kg	NE	NE	NE	< 21.4 U	< 20.5 U	< 31.4 U	< 23700 U	< 21500 U	< 233 U	< 215 U	< 21.3 U	< 23.1 U	< 22.2 U
Aroclor 1268	ug/kg	NE	NE	NE	< 21.4 U	< 20.5 U	< 31.4 U	< 23700 U	< 21500 U	< 233 U	< 215 U	< 21.3 U	< 23.1 U	< 22.2 U
Total PCB Aroclors	ug/kg	NE	NE	1000	9982.8	26002	441	1280000	1120000	8030	12800	22.4	269	< 222 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AI17-SB351 8 - 10 ft AI17-SB351(8-10)-040912-1 4/9/2012 SB46864	AI18-SB303 4 - 5 ft AI18-SB303(4-5)-021612-1 2/16/2012 SB44035	AI18-SB303 6 - 7 ft AI18-SB303(6-7)-021612-1 2/16/2012 SB44035	AI19-SB200 0 - 0.5 ft AI19-SB200(0-0.5)-1 10/2/2011 SB36674	AI19-SB200 15 - 15.5 ft AI19-SB200(15-15.5)-1 10/2/2011 SB36674	AI19-SB200 18 - 18.5 ft AI19-SB200(18-18.5)-1 10/2/2011 SB36674	AI19-SB200 8 - 9 ft AI19-SB200(8-9)-1 10/2/2011 SB36674	AI20-SB299 2 - 2.5 ft AI20-SB299(2-2.5)-021612-1 2/16/2012 SB44035	AI20-SB299 3 - 4 ft AI20-SB299(3-4)-021612-1 2/16/2012 SB44035	AI21-SB211 0 - 0.5 ft AI-21-SB211(0-0.5) 10/9/2011 SB37166
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 230 U	< 21.9 U	< 23.0 U	< 21.5 U	< 21.5 U	< 76.2 UJ	< 22.5 U	< 210 U	210	< 21.8 U
Aroclor 1254	ug/kg	NE	NE	NE	< 230 U	< 21.9 U	568	< 21.5 U	< 21.5 U	< 76.2 UJ	< 22.5 U	< 210 U	< 21.3 U	< 21.8 U
Aroclor 1260	ug/kg	NE	NE	NE	26.5	< 21.9 U	146	< 21.5 U	< 21.5 U	< 76.2 UJ	< 22.5 U	< 210 U	< 21.3 U	< 21.8 U
Aroclor 1262	ug/kg	NE	NE	NE	< 23.0 U	< 21.9 U	< 23.0 U	< 21.5 U	< 21.5 U	< 76.2 UJ	< 22.5 U	< 210 U	< 21.3 U	< 21.8 U
Aroclor 1268	ug/kg	NE	NE	NE	< 23.0 U	< 21.9 U	< 23.0 U	< 21.5 U	< 21.5 U	< 76.2 UJ	< 22.5 U	< 210 U	< 21.3 U	< 21.8 U
Total PCB Aroclors	ug/kg	NE	NE	1000	26.5	< 21.9 U	714	< 21.5 U	< 21.5 U	< 76.2 U	< 22.5 U	< 210 U	210	< 21.8 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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NS = Not sampled for this constituent

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AI21-SB211 14 - 15 ft AI-21-SB211(14-15) 10/9/2011 SB37166	AI21-SB211 4 - 5.5 ft AI-21-SB211(4.5-5) 10/9/2011 SB37166	AI21-SB211 6 - 8 ft AI-21-SB211(6-8) DUP 10/9/2011 SB37166	AI21-SB211 6 - 8 ft AI-21-SB211(6-8) 10/9/2011 SB37166	AI22-SB205 0 - 1 ft AI22-SB205(0-1)-1 10/2/2011 SB36674	AI22-SB205 15 - 16 ft AI22-SB205(15-16)-1 10/2/2011 SB36674	AI22-SB205 6 - 7 ft AI22-SB205(6-7)-1 10/2/2011 SB36674	AI22-SB205 9 - 10 ft AI22-SB205(9-10)-1 10/2/2011 SB36674	AI23-SB208 0 - 0.5 ft AI-23-SB208(0-0.5) 10/9/2011 SB37166	AI23-SB208 0.5 - 2 ft AI-23-SB208(0.5-2) 10/9/2011 SB37166
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 62.6 U	5160	< 21.0 U	< 21.4 U	< 10.6 U	< 21.3 U	< 31.2 U	< 21.6 U	< 22.0 U	< 23.4 U
Aroclor 1254	ug/kg	NE	NE	NE	< 62.6 U	< 26.2 U	< 21.0 U	< 21.4 U	< 10.6 U	< 21.3 U	< 31.2 U	< 21.6 U	< 22.0 U	< 23.4 U
Aroclor 1260	ug/kg	NE	NE	NE	< 62.6 U	464	< 21.0 U	< 21.4 U	< 10.6 U	< 21.3 U	< 31.2 U	< 21.6 U	< 22.0 U	< 23.4 U
Aroclor 1262	ug/kg	NE	NE	NE	< 62.6 U	< 26.2 U	< 21.0 U	< 21.4 U	< 10.6 U	< 21.3 U	< 31.2 U	< 21.6 U	< 22.0 U	< 23.4 U
Aroclor 1268	ug/kg	NE	NE	NE	< 62.6 U	< 26.2 U	< 21.0 U	< 21.4 U	< 10.6 U	< 21.3 U	< 31.2 U	< 21.6 U	< 22.0 U	< 23.4 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 62.6 U	5620	< 21.0 U	< 21.4 U	< 10.6 U	< 21.3 U	< 31.2 U	< 21.6 U	< 22.0 U	< 23.4 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AI23-SB208 10.5 - 11 ft AI-23-SB208(10.5-11) 10/9/2011 SB37166	AI23-SB208 6 - 7 ft AI-23-SB208(6-7) 10/9/2011 SB37166	AI9-SS95 0 - 0.25 ft AI9 SS95 0-3 8/11/2011 SB33302	AI9-SS95 0 - 0.5 ft AI9-SS95-080411 8/4/2011 SB32875	AJ10-A 0 - 0.12 ft AJ10-A-041818 4/18/2018 18D0847	AJ10-B 0 - 2 ft AJ10-B-041818 4/18/2018 18D0847	AJ10-C 0 - 0.12 ft AJ10-C-041818 4/18/2018 18D0847	AJ10-D 0 - 0.12 ft AJ10-D-041818 4/18/2018 18D0847	AJ10-E 0 - 2 ft AJ10-E-041818 4/18/2018 18D0847	AJ10-SS298 0 - 0.25 ft AJ10SS298 0-3-082311 8/23/2011 SB34022
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 20.9 U	< 20.8 U	6930	654	< 400	< 100	< 410	< 450	< 88	< 23.6 U
Aroclor 1254	ug/kg	NE	NE	NE	< 20.9 U	< 20.8 U	< 23.8 U	< 22.9 U	< 400	< 100	< 410	< 450	< 88	< 23.6 U
Aroclor 1260	ug/kg	NE	NE	NE	49.8	< 20.8 U	181	< 22.9 U	< 400	< 100	< 410	< 450	< 88	< 23.6 U
Aroclor 1262	ug/kg	NE	NE	NE	< 20.9 U	< 20.8 U	< 23.8 U	< 22.9 U	< 400	< 100	< 410	< 450	< 88	< 23.6 U
Aroclor 1268	ug/kg	NE	NE	NE	< 20.9 U	< 20.8 U	< 23.8 U	< 22.9 U	< 400	< 100	< 410	< 450	< 88	< 23.6 U
Total PCB Aroclors	ug/kg	NE	NE	1000	49.8	< 20.8 U	7111	654	< 400	< 100	< 410	< 450	< 88	< 23.6 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AJ12-E 0 - 2 ft AJ12-E-071118-1 7/11/2018 18G0509	AJ13-A 0 - 2 ft AJ13-A-041818 4/18/2018 18D0844	AJ13A-E 0 - 2 ft AJ13A-E-071118-1 7/11/2018 18G0509	AJ13-B 0 - 2 ft AJ13-B-041818 4/18/2018 18D0844	AJ13B-E 0 - 2 ft AJ13B-E-071118-1 7/11/2018 18G0509	AJ13-C 0 - 2 ft AJ13-C-041818 4/18/2018 18D0844	AJ13C-E 0 - 2 ft AJ13C-E-071118-1 7/11/2018 18G0509	AJ13-D 0 - 2 ft AJ13-D-041818 4/18/2018 18D0844	AJ13D-E 0 - 2 ft AJ13D-E-071118-1 7/11/2018 18G0509	AJ13-E 0 - 2 ft AJ13-E-041818 4/18/2018 18D0844
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 88 U	< 360	< 430 U	< 460	< 88 U	< 400	< 85 U	< 500	< 85 U	8500
Aroclor 1254	ug/kg	NE	NE	NE	< 88 U	< 360	< 430 U	< 460	< 88 U	< 400	97 J+	< 500	< 85 U	< 1800
Aroclor 1260	ug/kg	NE	NE	NE	< 88 U	< 360	< 430 U	< 460	< 88 U	< 400	< 85 U	< 500	< 85 U	< 1800
Aroclor 1262	ug/kg	NE	NE	NE	< 88 U	< 360	< 430 U	< 460	< 88 U	< 400	< 85 U	< 500	< 85 U	< 1800
Aroclor 1268	ug/kg	NE	NE	NE	< 88 U	< 360	< 430 U	< 460	< 88 U	< 400	< 85 U	< 500	< 85 U	< 1800
Total PCB Aroclors	ug/kg	NE	NE	1000	< 88	600	2300	2600	600	< 400	367	< 500	< 85	8500
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AJ13R-E 0 - 2 ft AJ13R-E-071118-1 7/11/2018 18G0509	AJ13-SB432 11.5 - 12.5 ft 3-SB432 (11.5-12.5) 07051 7/5/2012 SB52304	AJ13-SB432 2 - 3 ft AJ13-SB432 (2-3) 070512-1 7/5/2012 SB52304	AJ13-SB432 5 - 6 ft AJ13-SB432 (5-6) 070512-1 7/5/2012 SB52304	AJ14-SB433 1 - 1.3 ft AJ14-SB433 (1-1.3) 070512-1 7/5/2012 SB52304	AJ15-E 0 - 2 ft AJ15-E-071118-1 7/11/2018 18G0509	AJ15-SB257 3 - 5 ft AJ15-SB257 (3-5)-122711-1 12/27/2011 SB41712	AJ15-SB257 3 - 5 ft AJ15-SB257 (3-5)-122711-2 12/27/2011 SB41712	AJ15-SB257 5 - 6 ft AJ15-SB257 (5-6)-122711-1 12/27/2011 SB41712	AJ15-SS98 0 - 0.25 ft AJ15 SS98 0-3 8/11/2011 SB33302
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 870 U	119	19500	387000	895	< 440 U	< 22.5 U	< 25.8 U	< 23.9 U	17800
Aroclor 1254	ug/kg	NE	NE	NE	< 870 U	< 23.0 U	< 23.1 U	< 23.2 U	< 21.8 U	< 440 U	< 22.5 U	< 25.8 U	< 23.9 U	< 22.6 U
Aroclor 1260	ug/kg	NE	NE	NE	< 870 U	< 23.0 U	< 23.1 U	< 23.2 U	< 21.8 U	< 440 U	5190 J	8240	869	541
Aroclor 1262	ug/kg	NE	NE	NE	< 870 U	< 23.0 U	< 23.1 U	< 23.2 U	< 21.8 U	< 440 U	< 22.5 U	< 25.8 U	< 23.9 U	< 22.6 U
Aroclor 1268	ug/kg	NE	NE	NE	< 870 U	< 23.0 U	< 23.1 U	< 23.2 U	< 21.8 U	< 440 U	< 22.5 U	< 25.8 U	< 23.9 U	< 22.6 U
Total PCB Aroclors	ug/kg	NE	NE	1000	8500	119	19500	387000	895	2800	678190	691240	89869	18341
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	65.7	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 0.211 U	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 0.211 U	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	65.7	NS	NS

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AJ15-SS98 0 - 0.5 ft AJ15-SS98-080311 8/3/2011 SB32875	AJ16-SB103 1 - 2 ft AJ16 SB103 1-2 8/10/2011 SB33308	AJ16-SB103 11 - 12 ft AJ16 SB103 11-12 8/10/2011 SB33308	AJ16-SB103 2 - 3 ft AJ16 SB103 2-3 8/10/2011 SB33308	AJ16-SB103 3 - 4 ft AJ16 SB103 3-4 8/10/2011 SB33308	AJ16-SB103 5 - 6 ft AJ16 SB103 5-6 8/10/2011 SB33308	AJ16-SB103 6 - 7 ft AJ16 SB103 6-7 8/10/2011 SB33308	AJ16-SB103 7 - 8 ft AJ16 SB103 7-8 8/10/2011 SB33308	AJ16-SS99 0 - 0.5 ft AJ16-SS99-080411 8/4/2011 SB32875	AJ16-SS99 0 - 0.5 ft AJ16-SS99-080511 8/5/2011 SB32945
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	7390	182000	< 35.1 U	1730000	62600	90800	905	< 21.9 U	15900	12500
Aroclor 1254	ug/kg	NE	NE	NE	< 21.8 U	< 22.0 U	< 35.1 U	< 23.3 U	< 22.6 U	< 23.5 U	< 21.5 U	< 21.9 U	< 209 U	< 20.9 U
Aroclor 1260	ug/kg	NE	NE	NE	113	2770	< 35.1 U	< 46600 U	592	1110	< 21.5 U	< 21.9 U	314	403
Aroclor 1262	ug/kg	NE	NE	NE	< 21.8 U	< 22.0 U	< 35.1 U	< 23.3 U	< 22.6 U	< 23.5 U	< 21.5 U	< 21.9 U	< 209 U	< 20.9 U
Aroclor 1268	ug/kg	NE	NE	NE	< 21.8 U	< 22.0 U	< 35.1 U	< 23.3 U	< 22.6 U	< 23.5 U	< 21.5 U	< 21.9 U	< 209 U	< 20.9 U
Total PCB Aroclors	ug/kg	NE	NE	1000	7503	184770	< 35.1 U	1730000	63192	91910	905	< 21.9 U	16200	12903
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	< 0.571 U	< 0.211 U	< 0.211 U	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	3.17	13.7	2.32	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	< 0.571 U	< 0.211 U	< 0.211 U	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	3.17	13.7	2.32	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AJ17-SB350 12 - 13 ft J17-SB350(12-13)-040912- 4/9/2012 SB46864	AJ17-SB350 4 - 4.5 ft J17-SB350(4-4.5)-040912- 4/9/2012 SB46864	AJ17-SB350 5 - 6 ft J17-SB350(5-6)-040912- 4/9/2012 SB46864	AJ18-SB256 12 - 13 ft J18-SB256 (12-13)-122711- 12/27/2011 SB41712	AJ18-SB256 4 - 5 ft J18-SB256 (4-5)-122711- 12/27/2011 SB41712	AJ18-SB256 5 - 7 ft J18-SB256 (5-7)-122711- 12/27/2011 SB41712	AJ19-SB298 3 - 5 ft J19-SB298(3-5)-021612- 2/16/2012 SB44035	AJ19-SB298 3 - 5 ft J19-SB298(3-5)-021612- 2/16/2012 SB44035	AJ19-SB298 9 - 10 ft J19-SB298(9-10)-021612- 2/16/2012 SB44035	AJ20.5 0.5 - 1 ft AJ20.5 (0.5-1)-1 9/18/2020 2011052
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	786	3320	43300	< 41.9 U	< 110 U	< 21.5 U	16500	24500	< 20.6 U	190
Aroclor 1254	ug/kg	NE	NE	NE	< 21.2 U	< 23.3 U	< 27.3 U	< 41.9 U	< 110 U	< 21.5 U	< 1190 U	< 1150 U	< 20.6 U	< 87
Aroclor 1260	ug/kg	NE	NE	NE	< 21.2 U	84.0	247	< 41.9 U	< 110 U	< 21.5 U	< 1190 U	< 1150 U	< 20.6 U	< 87
Aroclor 1262	ug/kg	NE	NE	NE	< 21.2 U	< 23.3 U	< 27.3 U	< 41.9 U	< 110 U	< 21.5 U	< 1190 U	< 1150 U	< 20.6 U	< 87
Aroclor 1268	ug/kg	NE	NE	NE	< 21.2 U	< 23.3 U	< 27.3 U	< 41.9 U	< 110 U	< 21.5 U	< 1190 U	< 1150 U	< 20.6 U	< 87
Total PCB Aroclors	ug/kg	NE	NE	1000	786	3400	43547	< 41.9 U	< 110 U	< 21.5 U	16500	24500	< 20.6 U	190
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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NS = Not sampled for this constituent

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ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AJ20.5 2 - 4 ft AJ20.5 (2-4)-1 9/18/2020 2011052	AJ20.5 5 - 7 ft AJ20.5 (5-7)-1 9/18/2020 2011052	AJ21-SB210 0 - 0.5 ft AJ-21-SB210(0-0.5) 10/9/2011 SB37166	AJ21-SB210 14 - 15 ft AJ-21-SB210(14-15) 10/9/2011 SB37166	AJ21-SB210 4.5 - 5.5 ft AJ-21-SB210(4.5-5.5) 10/9/2011 SB37166	AJ21-SB210 6 - 7 ft AJ-21-SB210(6-7) 10/9/2011 SB37166	AJ22-SB209 0 - 0.5 ft AJ-22-SB209(0-0.5) 10/9/2011 SB37166	AJ22-SB209 1 - 3 ft AJ-22-SB209(1-3) 10/9/2011 SB37166	AJ22-SB209 5 - 6 ft AJ-22-SB209(5-6) 10/9/2011 SB37166	AJ22-SB209 7 - 8 ft AJ-22-SB209(7-8) 10/9/2011 SB37166
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	930	< 100000	< 20.8 U	< 62.6 U	1390	< 21.2 U	< 21.6 U	106	138	< 32.5 U
Aroclor 1254	ug/kg	NE	NE	NE	< 89	< 100000	< 20.8 U	< 62.6 U	< 20.7 U	< 21.2 U	< 21.6 U	< 21.5 U	< 22.7 U	< 32.5 U
Aroclor 1260	ug/kg	NE	NE	NE	< 89	< 100000	< 20.8 U	< 62.6 U	30.5	< 21.2 U	34.8	< 21.5 U	< 22.7 U	< 32.5 U
Aroclor 1262	ug/kg	NE	NE	NE	< 89	< 100000	< 20.8 U	< 62.6 U	< 20.7 U	< 21.2 U	< 21.6 U	< 21.5 U	< 22.7 U	< 32.5 U
Aroclor 1268	ug/kg	NE	NE	NE	< 89	< 100000	< 20.8 U	< 62.6 U	< 20.7 U	< 21.2 U	< 21.6 U	< 21.5 U	< 22.7 U	< 32.5 U
Total PCB Aroclors	ug/kg	NE	NE	1000	930	700000	< 20.8 U	< 62.6 U	1420	< 21.2 U	34.8	106	138	< 32.5 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	11	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	< 2.0 U	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	< 2.0 U	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	11	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

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J = Result is considered estimated

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AJ23-SB207 0 - 0.5 ft AJ23-SB207(0-.5)-1 10/2/2011 SB36674	AJ23-SB207 13 - 13.5 ft AJ23-SB207(13-13.5)-1 10/2/2011 SB36674	AJ23-SB207 6 - 6.5 ft AJ23-SB207(6-6.5)-1 10/2/2011 SB36674	AK10-SB276 2.5 - 3.5 ft AK10-SB276(2.5-3.5)-122911 12/29/2011 SB41766	AK10-SB276 5 - 6 ft AK10-SB276(5-6)-122911-1 12/29/2011 SB41766	AK10-SS100 0 - 0.25 ft AK10SS100 0-3 8/31/2011 SB34491	AK10-SS100 0 - 0.5 ft AK10-SS100-080411 8/4/2011 SB32875	AK11-SB431 11.5 - 12.5 ft AK11-SB431 (11.5-12.5) 070512-1 7/5/2012 SB52304	AK11-SB431 3 - 4 ft AK11-SB431 (3-4) 070512-1 7/5/2012 SB52304	AK11-SB431 7 - 8 ft AK11-SB431 (7-8) 070512-1 7/5/2012 SB52304
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 20.2 U	< 20.2 U	< 20.9 U	< 24.3 U	< 23.9 U	< 23.9	< 21.8 U	38.1	< 24.3 U	< 22.2 U
Aroclor 1254	ug/kg	NE	NE	NE	< 20.2 U	< 20.2 U	< 20.9 U	< 24.3 U	< 23.9 U	< 23.9	< 21.8 U	< 21.2 U	< 24.3 U	< 22.2 U
Aroclor 1260	ug/kg	NE	NE	NE	< 20.2 U	< 20.2 U	< 20.9 U	< 24.3 U	< 23.9 U	< 23.9	< 21.8 U	< 21.2 U	< 24.3 U	< 22.2 U
Aroclor 1262	ug/kg	NE	NE	NE	< 20.2 U	< 20.2 U	< 20.9 U	< 24.3 U	< 23.9 U	< 23.9	< 21.8 U	< 21.2 U	< 24.3 U	< 22.2 U
Aroclor 1268	ug/kg	NE	NE	NE	< 20.2 U	< 20.2 U	< 20.9 U	< 24.3 U	< 23.9 U	< 23.9	< 21.8 U	< 21.2 U	< 24.3 U	< 22.2 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 20.2 U	< 20.2 U	< 20.9 U	< 24.3 U	< 23.9 U	< 23.9 U	< 21.8 U	38.1	< 24.3 U	< 22.2 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AK13-SB430 1 - 2 ft	AK14-SB429 11.5 - 12.5 ft	AK14-SB429 2 - 2.5 ft	AK14-SB429 5 - 6 ft	AK15-A 0 - 2 ft	AK15-B 0 - 2 ft	AK15-C 0 - 2 ft	AK15-D 0 - 2 ft	AK15-E 0 - 2 ft	AK15-SB440 1 - 2 ft
Depth Interval					AK13-SB430 (1-2) 070512-1	AK14-SB429 (11.5-12.5) 070512-1	AK14-SB429 (2-2.5)070512-1	AK14-SB429 (5-6) 070512-1	AK15-A-041818	AK15-B-041818	AK15-C-041818	AK15-D-041818	AK15-E-041818	AK15-SB440(1-2) 070612-1
Sample ID					7/5/2012	7/5/2012	7/5/2012	7/5/2012	4/18/2018	4/18/2018	4/18/2018	4/18/2018	4/18/2018	7/6/2012
Sample Date					SB52304	SB52304	SB52304	SB52304	18D0844	18D0844	18D0844	18D0844	18D0844	SB52371
SDG														
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	608	79.2	1280000	118000	< 400	380	< 390	< 430	< 85	3500
Aroclor 1254	ug/kg	NE	NE	NE	< 22.6 U	< 24.4 U	< 24.3 U	< 24.2 U	< 400	< 87	< 390	< 430	< 85	< 21.3 U
Aroclor 1260	ug/kg	NE	NE	NE	< 22.6 U	< 24.4 U	< 24.3 U	< 24.2 U	< 400	< 87	< 390	< 430	< 85	123
Aroclor 1262	ug/kg	NE	NE	NE	< 22.6 U	< 24.4 U	< 24.3 U	< 24.2 U	< 400	< 87	< 390	< 430	< 85	< 21.3 U
Aroclor 1268	ug/kg	NE	NE	NE	< 22.6 U	< 24.4 U	< 24.3 U	< 24.2 U	< 400	< 87	< 390	< 430	< 85	< 21.3 U
Total PCB Aroclors	ug/kg	NE	NE	1000	608	79.2	1280000	118000	< 400	380	< 390	< 430	< 85	3620
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
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Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AK15-SB440 13 - 14 ft K15-SB440(13-14) 070612- 7/6/2012 SB52371	AK15-SB440 2 - 3.5 ft K15-SB440(2-3.5) 070612- 7/6/2012 SB52371	AK16.5 2 - 4 ft AK16.5 (2-4)-1 9/21/2020 2011104	AK16.5 4 - 6 ft AK16.5 (4-6)-2 9/21/2020 2011104	AK16.5 4 - 6 ft AK16.5 (4-6)-1 9/21/2020 2011104	AK16-SB483 1 - 2 ft AK16-SB483 (1-2)-071212- 7/12/2012 SB52798	AK16-SB483 3 - 4 ft AK16-SB483 (3-4)-071212- 7/12/2012 SB52798	AK16-SB483 6 - 7 ft AK16-SB483 (6-7)-071212- 7/12/2012 SB52798	AK16-SS101 0 - 0.5 ft AK16-SS101-080311 8/3/2011 SB32875	AK16-SS101 0 - 0.5 ft AK16-SS101-080511 8/5/2011 SB32945
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	219	713000	< 47000	< 91000	< 91000	2650	2210000	< 24.8 U	820	278
Aroclor 1254	ug/kg	NE	NE	NE	< 30.3 U	< 22700 U	< 47000	< 91000	< 91000	< 22.9 U	< 24100 U	< 24.8 U	< 20.9 U	< 22.8 U
Aroclor 1260	ug/kg	NE	NE	NE	< 30.3 U	< 22700 U	< 47000	< 91000	< 91000	342 J	27800	< 24.8 U	< 20.9 U	26.3
Aroclor 1262	ug/kg	NE	NE	NE	< 30.3 U	< 22700 U	< 47000	< 91000	< 91000	< 22.9 U	< 24100 U	< 24.8 U	< 20.9 U	< 22.8 U
Aroclor 1268	ug/kg	NE	NE	NE	< 30.3 U	< 22700 U	< 47000	< 91000	< 91000	< 22.9 U	< 24100 U	< 24.8 U	< 20.9 U	< 22.8 U
Total PCB Aroclors	ug/kg	NE	NE	1000	219	713000	510000	1100000	980000	2990	2237800	578	820	304
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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NS = Not sampled for this constituent

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AK17-SB441 1 - 2 ft AK17-SB441(1-2) 070612-1 7/6/2012 SB52371	AK17-SB441 13 - 14 ft AK17-SB441(13-14) 070612-1 7/6/2012 SB52371	AK17-SB441 7 - 8 ft AK17-SB441(7-8) 070612-1 7/6/2012 SB52371	AK17-SS102 0 - 0.25 ft AK17 SS102 0-3 8/11/2011 SB33302	AK17-SS102 0 - 0.5 ft AK17-SS102-080311 8/3/2011 SB32875	AK19-SB485 13 - 14 ft AK19-SB485 (13-14)-071312 7/13/2012 SB52798	AK19-SB485 4 - 5 ft AK19-SB485 (4-5)-071312-1 7/13/2012 SB52798	AK19-SB485 6 - 7 ft AK19-SB485 (6-7)-071312-1 7/13/2012 SB52798	AL10 1 - 2 ft AL10 (1-2)-1 9/21/2020 2011104	AL10 1 - 2 ft AL10(1-2)-2 9/21/2020 2011104
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	278 J	169	16800	1450	8960	< 37.6 U	< 22.3 U	< 20.4 U	1700	1900
Aroclor 1254	ug/kg	NE	NE	NE	124	< 55.5 U	< 410 U	< 22.5 U	< 20.8 U	< 37.6 U	< 22.3 U	< 20.4 U	< 97	1600
Aroclor 1260	ug/kg	NE	NE	NE	< 21.4 UJ	< 55.5 U	< 410 U	56.2	562	< 37.6 U	< 22.3 U	< 20.4 U	< 97	140
Aroclor 1262	ug/kg	NE	NE	NE	< 21.4 U	< 55.5 U	< 410 U	< 22.5 U	< 20.8 U	< 37.6 U	< 22.3 U	< 20.4 U	< 97	< 96
Aroclor 1268	ug/kg	NE	NE	NE	< 21.4 U	< 55.5 U	< 410 U	< 22.5 U	< 20.8 U	< 37.6 U	< 22.3 U	< 20.4 U	< 97	< 96
Total PCB Aroclors	ug/kg	NE	NE	1000	402	169	16800	1510	9522	< 37.6 U	< 22.3 U	< 20.4 U	1700	3640
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
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 <0.010 = Not detected above the laboratory reporting limit
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 Yellow highlighted cells exceed the 2013 GA PMC
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 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AL10-SS176 0 - 0.25 ft AL10 SS176 0-3 8/11/2011 SB33302	AL13-SB439 2 - 3 ft AL13-SB439(2-3)070612-1 7/6/2012 SB52371	AL13-SB439 3 - 4 ft AL13-SB439(3-4)070612-1 7/6/2012 SB52371	AL15-SB480 11 - 12 ft L15-SB480 (11-12)-071212 7/12/2012 SB52798	AL15-SB480 7 - 8 ft AL15-SB480 (7-8)-071212-1 7/12/2012 SB52798	AL16-SB486 4 - 5 ft AL16-SB486 (4-5)-071312-1 7/13/2012 SB52798	AL16-SB486 7 - 8 ft AL16-SB486 (7-8)-071312-1 7/13/2012 SB52798	AL16-SB486 8 - 9 ft AL16-SB486 (8-9)-071312-1 7/13/2012 SB52798	AL16-SS103 0 - 0.5 ft AL16-SS103-080311 8/3/2011 SB32768	AL16-SS103 0 - 0.5 ft AL16-SS103-080511 8/5/2011 SB32945
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	1370	2440	< 121 U	186	< 57.3 U	109	97.1	259	5610	206
Aroclor 1254	ug/kg	NE	NE	NE	< 22.6 U	< 22.9 U	< 24.3 U	< 23.3 U	< 28.7 U	< 21.8 U	< 26.2 U	< 28.5 U	< 23.7 U	< 24.6 U
Aroclor 1260	ug/kg	NE	NE	NE	< 22.6 U	133	< 24.3 U	< 23.3 U	< 28.7 U	< 21.8 U	< 26.2 U	32.8	251	45.3
Aroclor 1262	ug/kg	NE	NE	NE	< 22.6 U	< 22.9 U	< 24.3 U	< 23.3 U	< 28.7 U	< 21.8 U	< 26.2 U	< 28.5 U	< 23.7 U	< 24.6 U
Aroclor 1268	ug/kg	NE	NE	NE	< 22.6 U	< 22.9 U	< 24.3 U	< 23.3 U	< 28.7 U	< 21.8 U	< 26.2 U	< 28.5 U	< 23.7 U	< 24.6 U
Total PCB Aroclors	ug/kg	NE	NE	1000	1370	2570	< 121 U	186	< 57.3 U	109	97.1	291.8	5861	251
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

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Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AL17 1 - 2 ft AL17 (1-2)-1 9/21/2020 2011104	AL17-SB271 2 - 3 ft AL17-SB271(2-3)-122811-1	AL17-SB271 5 - 6 ft AL17-SB271(5-6)-122811-1	AL17-SS104 0 - 0.25 ft AL17SS104 0-3 8/31/2011 SB34491	AL17-SS104 0 - 0.5 ft AL17-SS104-080311 8/3/2011 SB32768	AL18-SS105 0 - 0.25 ft AL18SS105 0-3 8/31/2011 SB34491	AL18-SS105 0 - 0.5 ft AL18-SS105-080311 8/3/2011 SB32768	AL19 1.5 - 2 ft AL19 (1.5-2.0)-1 9/22/2020 2011121	AL19-SB491 13 - 14 ft L19-SB491 (13-14)-071312	AL19-SB491 2 - 3 ft AL19-SB491 (2-3)-071312-1 7/13/2012 SB52798
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	980	< 445 U	< 26.9 U	< 25.4	380	< 23.0	107	120	68.0	1130
Aroclor 1254	ug/kg	NE	NE	NE	< 87	< 445 U	< 26.9 U	< 25.4	< 22.2 U	< 23.0	< 23.3 U	< 85	< 46.9 U	< 20.2 U
Aroclor 1260	ug/kg	NE	NE	NE	< 87	< 445 U	< 26.9 U	< 25.4	30.0	< 23.0	< 23.3 U	< 85	< 46.9 U	64.7
Aroclor 1262	ug/kg	NE	NE	NE	< 87	< 445 U	< 26.9 U	< 25.4	< 22.2 U	< 23.0	< 23.3 U	< 85	< 46.9 U	< 20.2 U
Aroclor 1268	ug/kg	NE	NE	NE	< 87	< 445 U	< 26.9 U	< 25.4	< 22.2 U	< 23.0	< 23.3 U	< 85	< 46.9 U	< 20.2 U
Total PCB Aroclors	ug/kg	NE	NE	1000	980	< 445 U	< 26.9 U	< 25.4 U	410	< 23.0 U	107	120	68	1194.7
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Green highlighted cells exceed the 2013 GB PMC

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RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

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J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AL19-SB491 7 - 8 ft AL19-SB491 (7-8)-071312-1 7/13/2012 SB52798	AL19-SS106 0 - 0.5 ft AL19-SS106-080311 8/3/2011 SB32875	AL20-SB267 2 - 3 ft AL20-SB267 (2-3)-122811-1 12/28/2011 SB41712	AL20-SB267 3 - 5 ft AL20-SB267 (3-5)-122811-1 12/28/2011 SB41712	AL20-SB267 8 - 9 ft AL20-SB267 (8-9)-122811-1 12/28/2011 SB41712	AL20-SS267 0 - 0.25 ft AL20-SS267 (0-3) 8/22/2011 SB33952	AL20-SS267 0 - 0.25 ft DUPLICATE 19 (0-3) 8/22/2011 SB33952	AM10-SS107 0 - 0.25 ft AM10 SS107 0-3 8/11/2011 SB33302	AM10-SS107 0 - 0.5 ft AM10-SS107-080411 8/4/2011 SB32875	AM11-SB436 11.5 - 12.5 ft 11-SB436(11.5-12.5) 07061 7/6/2012 SB52371
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	30.3	< 21.0 U	< 22.3 U	797	< 61.5 U	< 21.5 U	< 28.4 U	132	335	< 36.2 U
Aroclor 1254	ug/kg	NE	NE	NE	< 20.9 U	< 21.0 U	417	< 21.2 U	< 61.5 U	< 21.5 U	< 28.4 U	< 21.7 U	< 21.4 U	< 36.2 U
Aroclor 1260	ug/kg	NE	NE	NE	< 20.9 U	< 21.0 U	49.1	< 21.2 U	< 61.5 U	< 21.5 U	< 28.4 U	< 21.7 U	39.6	< 36.2 U
Aroclor 1262	ug/kg	NE	NE	NE	< 20.9 U	< 21.0 U	< 22.3 U	56.1	< 61.5 U	< 21.5 U	< 28.4 U	< 21.7 U	< 21.4 U	< 36.2 U
Aroclor 1268	ug/kg	NE	NE	NE	< 20.9 U	< 21.0 U	< 22.3 U	< 21.2 U	< 61.5 U	< 21.5 U	< 28.4 U	< 21.7 U	< 21.4 U	< 36.2 U
Total PCB Aroclors	ug/kg	NE	NE	1000	30.3	< 21.0 U	466	853	< 61.5 U	< 21.5 U	< 28.4 U	132	375	< 36.2 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	< 0.2 U	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	< 0.2 U	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	< 0.2 U	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	< 0.2 U	NS	NS	NS	NS	NS	NS

Notes:

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GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AM11-SB436 3 - 4 ft AM11-SB436(3-4) 070612- 7/6/2012 SB52371	AM11-SB436 6 - 7 ft AM11-SB436(6-7) 070612- 7/6/2012 SB52371	AM13 1 - 1.5 ft AM13 (1-1.5)-1 9/18/2020 2011051	AM13 2 - 4 ft AM13 (2-4)-1 9/18/2020 2011051	AM13 4 - 5 ft AM13 (4-5)-1 9/18/2020 2011051	AM13-E 0 - 2 ft AM13-E-071118-1 7/11/2018 18G0509	AM16-SB270 4 - 5 ft AM16-SB270(4-5)-122811- 12/28/2011 SB41766	AM16-SB270 5 - 6 ft AM16-SB270(5-6)-122811- 12/28/2011 SB41766	AM16-SS108 0 - 0.25 ft AM16 SS108 0-3 8/11/2011 SB33302	AM16-SS108 0 - 0.5 ft AM16-SS108--080311 8/3/2011 SB32768
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	3630	< 25.0 U	22000	33000	13000	< 87 U	20100	180	400	2730
Aroclor 1254	ug/kg	NE	NE	NE	< 20.4 U	< 25.0 U	< 2300	< 4200	< 2100	< 87 U	< 21.8 U	< 27.4 U	< 24.2 U	< 23.2 U
Aroclor 1260	ug/kg	NE	NE	NE	235	< 25.0 U	< 2300	< 4200	< 2100	< 87 U	265	< 27.4 U	35.3	90.4
Aroclor 1262	ug/kg	NE	NE	NE	< 20.4 U	< 25.0 U	< 2300	< 4200	< 2100	< 87 U	< 21.8 U	< 27.4 U	< 24.2 U	< 23.2 U
Aroclor 1268	ug/kg	NE	NE	NE	< 20.4 U	< 25.0 U	< 2300	< 4200	< 2100	< 87 U	< 21.8 U	< 27.4 U	< 24.2 U	< 23.2 U
Total PCB Aroclors	ug/kg	NE	NE	1000	3865	< 25.0 U	22000	33000	13000	< 87	20365	180	435	2820
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AM17-SS109 0 - 0.25 ft AM17SS109 0-3 8/31/2011 SB34491	AM17-SS109 0 - 0.5 ft AM17-SS109-080311 8/3/2011 SB32768	AM18-SS110 0 - 0.25 ft AM18SS110 0-3 8/31/2011 SB34491	AM18-SS110 0 - 0.5 ft AM18-SS110-080311 8/3/2011 SB32768	AM18-SS292 0 - 0.25 ft AM18SS292 0-3-082311 8/23/2011 SB34022	AM19-SS111 0 - 0.5 ft AM19-SS111-080311 8/3/2011 SB32768	AM20-SS112 0 - 0.5 ft AM20-SS112-080311 8/3/2011 SB32768	AM20-SS289 0 - 0.25 ft AM20SS289 0-3-082311 8/23/2011 SB34022	AM21-SB386 1 - 2 ft V-AM21-SB386 (1-2)-06261 6/26/2012 SB51819	AM21-SB386 3 - 5 ft V-AM21-SB386 (3-5)-06261 6/26/2012 SB51819
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	221	326	< 24.3	424	194	206	67.0	< 24.9 U	< 21.0 U	260
Aroclor 1254	ug/kg	NE	NE	NE	< 22.8	< 21.9 U	< 24.3	< 22.4 U	< 23.9 U	< 22.4 U	< 20.3 U	< 24.9 U	< 21.0 U	< 21.5 U
Aroclor 1260	ug/kg	NE	NE	NE	< 22.8	25.2	< 24.3	24.7	< 23.9 U	24.7	< 20.3 U	< 24.9 U	< 21.0 U	< 21.5 U
Aroclor 1262	ug/kg	NE	NE	NE	< 22.8	< 21.9 U	< 24.3	< 22.4 U	< 23.9 U	< 22.4 U	< 20.3 U	< 24.9 U	< 21.0 U	< 21.5 U
Aroclor 1268	ug/kg	NE	NE	NE	< 22.8	< 21.9 U	< 24.3	< 22.4 U	< 23.9 U	< 22.4 U	< 20.3 U	< 24.9 U	< 21.0 U	< 21.5 U
Total PCB Aroclors	ug/kg	NE	NE	1000	221	351	< 24.3 U	449	194	231	67.0	< 24.9 U	< 21.0 U	260
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Yellow highlighted cells exceed the 2013 GA PMC

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AM21-SB386 6 - 7 ft V-AM21-SB386 (6-7)-06261 6/26/2012 SB51819	AM21-SB386 6 - 7 ft V-AM21-SB386 (6-7)-06261 6/26/2012 SB51819	AM21-SS113 0 - 0.5 ft AM21-SS113-080311 8/3/2011 SB32768	AM21-SS268 0 - 0.25 ft AM21-SS268 (0-3) 8/22/2011 SB33952	AM22-SB304 5 - 6 ft AM22-SB304(5-6)-021612-1 2/16/2012 SB44035	AM22-SB304 6 - 7 ft AM22-SB304(6-7)-021612-1 2/16/2012 SB44035	AN10-SS175 0 - 0.25 ft AN10 SS175 0-3 8/11/2011 SB33302	AN11 1 - 1.5 ft AN11 (1-1.5)-1 9/18/2020 2011051	AN11 2 - 4 ft AN11 (2-4)-1 9/18/2020 2011051	AN11 4 - 5 ft AN11 (4-5)-1 9/18/2020 2011051
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 21.3 U	< 22.0 U	207 J	80.9	< 29.2 U	< 28.5 U	92.3	2000	1000	16000
Aroclor 1254	ug/kg	NE	NE	NE	< 21.3 U	< 22.0 U	< 20.9 U	< 23.8 U	< 29.2 U	< 28.5 U	< 22.5 U	< 97	< 86	< 2100
Aroclor 1260	ug/kg	NE	NE	NE	< 21.3 U	< 22.0 U	< 20.9 U	< 23.8 U	< 29.2 U	< 28.5 U	< 22.5 U	< 97	< 86	< 2100
Aroclor 1262	ug/kg	NE	NE	NE	< 21.3 U	< 22.0 U	< 20.9 U	< 23.8 U	< 29.2 U	< 28.5 U	< 22.5 U	< 97	< 86	< 2100
Aroclor 1268	ug/kg	NE	NE	NE	< 21.3 U	< 22.0 U	< 20.9 U	< 23.8 U	< 29.2 U	< 28.5 U	< 22.5 U	< 97	< 86	< 2100
Total PCB Aroclors	ug/kg	NE	NE	1000	< 21.3 U	< 22.0 U	207	80.9	< 29.2 U	< 28.5 U	92.3	2000	1000	16000
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AN12 1 - 1.5 ft AN12 (1-1.5)-1 9/18/2020 2011051	AN12 2 - 4 ft AN12 (2-4)-1 9/18/2020 2011051	AN12 4 - 5 ft AN12 (4-5)-1 9/18/2020 2011051	AN13-SB437 1.5 - 3 ft AN13-SB437(1.5-3)070612- 7/6/2012 SB52371	AN13-SB437 11.5 - 12.5 ft AN13-SB437(11.5-12.5)07061 7/6/2012 SB52371	AN14.5 1 - 1.5 ft AN14.5 (1-1.5)-1 9/18/2020 2011050	AN14.5 2 - 4 ft AN14.5 (2-4)-1 9/18/2020 2011050	AN14.5 4 - 5 ft AN14.5 (4-5)-1 9/18/2020 2011050	AN14.5 5 - 6 ft AN14.5 (5-6)-1 9/18/2020 20J0701	AN15-SB438 11.5 - 12.5 ft 15-SB438(11.5-12.5)07061 7/6/2012 SB52371
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	630	100000	210	3460000	4170	2500	< 93000	< 22000	< 110	< 187 U
Aroclor 1254	ug/kg	NE	NE	NE	< 85	< 9200	< 110	< 24100 U	< 23.3 U	< 450	< 93000	< 22000	< 110	< 187 U
Aroclor 1260	ug/kg	NE	NE	NE	< 85	< 9200	< 110	58900	< 23.3 U	< 450	< 93000	< 22000	< 110	< 37.3 U
Aroclor 1262	ug/kg	NE	NE	NE	< 85	< 9200	< 110	< 24100 U	< 23.3 U	< 450	< 93000	< 22000	< 110	< 37.3 U
Aroclor 1268	ug/kg	NE	NE	NE	< 85	< 9200	< 110	< 24100 U	< 23.3 U	< 450	< 93000	< 22000	< 110	< 37.3 U
Total PCB Aroclors	ug/kg	NE	NE	1000	630	100000	210	3520000	4170	2500	540000	180000	390	< 187 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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 Yellow highlighted cells exceed the 2013 GA PMC
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 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
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 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
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 J = Result is considered estimated
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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AN15-SB438 3 - 4 ft AN15-SB438(3-4)070612-1 7/6/2012 SB52371	AN15-SB438 5.3 - 5.6 ft AN15-SB438(5.3-5.6)070612 7/6/2012 SB52371	AN16 1.5 - 2 ft AN16 (1.5-2)-1 9/21/2020 2011104	AN16-SS114 0 - 0.25 ft AN16SS114 0-3 8/31/2011 SB34491	AN16-SS114 0 - 0.5 ft AN16-SS114-080311 8/3/2011 SB32768	AN17 1.5 - 2 ft AN17 (1.5-2)-1 9/21/2020 2011104	AN17-SB481 12 - 13 ft AN17-SB481 (12-13)71212-1 7/12/2012 SB52747	AN17-SB481 4 - 5 ft AN17-SB481 (4-5)71212-1 7/12/2012 SB52747	AN17-SB481 7 - 8 ft AN17-SB481 (7-8)71212-1 7/12/2012 SB52747	AN17-SS115 0 - 0.25 ft AN17SS115 0-3 8/31/2011 SB34491
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	2580	1190	970	< 24.3	322	260	275	1070	2000	244
Aroclor 1254	ug/kg	NE	NE	NE	1900	834	< 91	< 24.3	< 22.1 U	< 90	< 50.4 U	< 22.5 U	< 27.9 U	< 24.3
Aroclor 1260	ug/kg	NE	NE	NE	176	38.5	< 91	< 24.3	< 22.1 U	< 90	< 50.4 U	74.4	124	< 24.3
Aroclor 1262	ug/kg	NE	NE	NE	< 27.6 U	< 22.6 U	< 91	< 24.3	< 22.1 U	< 90	< 50.4 U	< 22.5 U	< 27.9 U	34.1
Aroclor 1268	ug/kg	NE	NE	NE	< 27.6 U	< 22.6 U	< 91	< 24.3	< 22.1 U	< 90	< 50.4 U	< 22.5 U	< 27.9 U	< 24.3
Total PCB Aroclors	ug/kg	NE	NE	1000	4660	2060	970	< 24.3 U	322	260	275	1144.4	2124	278
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AN17-SS115 0 - 0.5 ft AN17-SS115-080311 8/3/2011 SB32768	AN18-SB129 1 - 2 ft AN18 SB129 1-2 8/10/2011 SB33308	AN18-SB129 12 - 13 ft AN18 SB129 12-13 8/10/2011 SB33308	AN18-SB129 6 - 7 ft AN18 SB129 6-7 8/10/2011 SB33308	AN18-SS116 0 - 0.5 ft AV28-SS136 8/3/2011 SB32768	AN19-SS117 0 - 0.5 ft AN19-SS117-080311 8/3/2011 SB32768	AN19-SS117 0 - 0.5 ft AN19-SS117-080511 8/5/2011 SB32945	AN20-SS118 0 - 0.5 ft AN20-SS118-080311 8/3/2011 SB32768	AN21-SS119 0 - 0.5 ft AN21-SS119-080311 8/3/2011 SB32768	AN22-SS269 0 - 0.25 ft AN22-SS269 (0-3) 8/22/2011 SB33952
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	181	< 20.7 U	< 53.4 U	< 31.7 U	273	< 25.6 U	< 23.8 U	< 22.5 U	257	< 24.0 U
Aroclor 1254	ug/kg	NE	NE	NE	< 24.8 U	< 20.7 U	< 53.4 U	< 31.7 U	< 23.6 U	< 25.6 U	< 23.8 U	< 22.5 U	< 21.5 U	< 24.0 U
Aroclor 1260	ug/kg	NE	NE	NE	< 24.8 U	< 20.7 U	< 53.4 U	< 31.7 U	< 23.6 U	< 25.6 U	< 23.8 U	< 22.5 U	< 21.5 U	< 24.0 U
Aroclor 1262	ug/kg	NE	NE	NE	< 24.8 U	< 20.7 U	< 53.4 U	< 31.7 U	< 23.6 U	< 25.6 U	< 23.8 U	< 22.5 U	< 21.5 U	< 24.0 U
Aroclor 1268	ug/kg	NE	NE	NE	< 24.8 U	< 20.7 U	< 53.4 U	< 31.7 U	< 23.6 U	< 25.6 U	< 23.8 U	< 22.5 U	< 21.5 U	< 24.0 U
Total PCB Aroclors	ug/kg	NE	NE	1000	181	< 20.7 U	< 53.4 U	< 31.7 U	273	< 25.6 U	< 23.8 U	< 22.5 U	257	< 24.0 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

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Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

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J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AN23-SS120 0 - 0.25 ft AN23SS120 0-3 8/31/2011 SB34491	AN23-SS120 0 - 0.5 ft AN23-SS120-080311 8/3/2011 SB32875	AO10-SS121 0 - 0.5 ft DUPLICATE-3-080411 8/4/2011 SB32875	AO10-SS121 0 - 0.5 ft AO10-SS121 8/4/2011 SB32875	AO13 1 - 1.5 ft AO13 (1-1.5)-1 9/18/2020 20I1051	AO13 2 - 4 ft AO13 (2-4)-1 9/18/2020 20I1051	AO13 4 - 5 ft AO13 (4-5)-1 9/18/2020 20I1051	AO13 5 - 6 ft AO13 (5-6)-1 9/18/2020 20J0701	AO16-SS294 0 - 0.25 ft AO16SS294 0-3-082311 8/23/2011 SB34022	AO18-SS293 0 - 0.25 ft AO18SS293 0-3-082311 8/23/2011 SB34022
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	290	461	< 22.0 U	< 22.1 U	730	2200	170000	< 120	< 24.4 U	< 26.7 U
Aroclor 1254	ug/kg	NE	NE	NE	< 22.0	< 20.5 U	< 22.0 U	< 22.1 U	< 90	< 100	< 18000	< 120	< 24.4 U	< 26.7 U
Aroclor 1260	ug/kg	NE	NE	NE	< 22.0	< 20.5 U	< 22.0 U	< 22.1 U	< 90	< 100	< 18000	< 120	< 24.4 U	< 26.7 U
Aroclor 1262	ug/kg	NE	NE	NE	< 22.0	< 20.5 U	< 22.0 U	< 22.1 U	< 90	< 100	< 18000	< 120	< 24.4 U	< 26.7 U
Aroclor 1268	ug/kg	NE	NE	NE	< 22.0	< 20.5 U	< 22.0 U	< 22.1 U	< 90	< 100	< 18000	< 120	< 24.4 U	< 26.7 U
Total PCB Aroclors	ug/kg	NE	NE	1000	290	461	< 22.0 U	< 22.1 U	730	2200	170000	< 120	< 24.4 U	< 26.7 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AO19-SB489 13 - 14 ft AO19-SB489 (13-14)-071312- 7/13/2012 SB52798	AO19-SB489 3 - 4 ft AO19-SB489 (3-4)-071312- 7/13/2012 SB52798	AO19-SB489 5 - 6 ft AO19-SB489 (5-6)-071312- 7/13/2012 SB52798	AO20-SS286 0 - 0.25 ft AO20SS286 0-3-082311 8/23/2011 SB34022	AO21 1.5 - 2 ft AO21 (1.5-2)-1 9/21/2020 2011104	AO21-SB482 3 - 4 ft AO21-SB482 (3-4)-071212- 7/12/2012 SB52798	AO21-SB482 6 - 7 ft AO21-SB482 (6-7)-071212- 7/12/2012 SB52798	AO22-SS282 0 - 0.25 ft AO22SS282 0-3-082311 8/23/2011 SB34022	AO23-SS330 0 - 0.25 ft AO23SS330 0-3 8/31/2011 SB34491	AO24-SS270 0 - 0.25 ft AO24-SS270 (0-3) 8/22/2011 SB33952
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	1510	138	85600	< 23.9 U	< 85	548	< 2770 U	< 24.2 U	< 23.5	< 23.3 U
Aroclor 1254	ug/kg	NE	NE	NE	< 63.0 U	< 22.4 U	< 20.4 U	< 23.9 U	< 85	< 20.9 U	< 2770 U	< 24.2 U	< 23.5	< 23.3 U
Aroclor 1260	ug/kg	NE	NE	NE	< 63.0 U	< 22.4 U	1510	< 23.9 U	< 85	< 20.9 U	16200	< 24.2 U	< 23.5	< 23.3 U
Aroclor 1262	ug/kg	NE	NE	NE	< 63.0 U	< 22.4 U	< 20.4 U	< 23.9 U	< 85	< 20.9 U	< 2770 U	< 24.2 U	< 23.5	< 23.3 U
Aroclor 1268	ug/kg	NE	NE	NE	< 63.0 U	< 22.4 U	< 20.4 U	< 23.9 U	< 85	< 20.9 U	< 2770 U	< 24.2 U	< 23.5	< 23.3 U
Total PCB Aroclors	ug/kg	NE	NE	1000	1510	138	87110	< 23.9 U	< 85	548	16200	< 24.2 U	< 23.5 U	< 23.3 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Green highlighted cells exceed the 2013 GB PMC

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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ug/kg = micrograms per kilogram

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mg/kg = milligrams per kilogram

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AO25-SS122 0 - 0.5 ft AO25-SS122-080311 8/3/2011 SB32875	AP11-SB277 2.5 - 4 ft P11-SB277(2.5-4)-122911- 12/29/2011 SB41766	AP11-SB277 4 - 5 ft AP11-SB277(4-5)-122911-1 12/29/2011 SB41766	AP13 1 - 1.5 ft AP13 (1-1.5)-1 9/18/2020 20I1052	AP13 2 - 4 ft AP13 (2-4)-1 9/18/2020 20I1052	AP13 2 - 4 ft AP13 (2-4)-2 9/18/2020 20I1052	AP13 4 - 5 ft AP13 (4-5)-1 9/18/2020 20I1052	AP14-E 0 - 2 ft DUP 20180711-E 7/11/2018 18G0509	AP14-E 0 - 2 ft AP14-E-071118-1 7/11/2018 18G0509	AP14-SB435 11.5 - 12.5 ft 14-SB435 (11.5-12.5) 07051 7/5/2012 SB52371
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	58.8	336	< 29.8 U	630	18000	7300	5000	< 86 U	< 87 U	267
Aroclor 1254	ug/kg	NE	NE	NE	< 20.6 U	< 21.2 U	< 29.8 U	< 85	< 1800	< 850	< 430	< 86 U	330	< 27.8 U
Aroclor 1260	ug/kg	NE	NE	NE	< 20.6 U	< 21.2 U	< 29.8 U	< 85	< 1800	< 850	< 430	< 86 U	280	< 27.8 U
Aroclor 1262	ug/kg	NE	NE	NE	< 20.6 U	< 21.2 U	< 29.8 U	< 85	< 1800	< 850	< 430	< 86 U	< 87 U	< 27.8 U
Aroclor 1268	ug/kg	NE	NE	NE	< 20.6 U	< 21.2 U	< 29.8 U	< 85	< 1800	< 850	< 430	< 86 U	< 87 U	< 27.8 U
Total PCB Aroclors	ug/kg	NE	NE	1000	58.8	336	< 29.8 U	630	18000	7300	5000	260	610	267
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Yellow highlighted cells exceed the 2013 GA PMC

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RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AP14-SB435 2.5 - 3 ft AP14-SB435(2.5-3) 070512- 7/5/2012 SB52371	AP14-SB435 5 - 6 ft AP14-SB435(5-6)070512-1 7/5/2012 SB52371	AP15-E 0 - 2 ft AP15-E-071118-1 7/11/2018 18G0509	AP16 1.5 - 2 ft AP16 (1.5-2)-1 9/21/2020 20I1104	AP16-SB269 4 - 5 ft AP16-SB269 (4-5)-122811- 12/28/2011 SB41712	AP16-SB269 5 - 6 ft AP16-SB269 (5-6)-122811- 12/28/2011 SB41712	AP16-SS123 0 - 0.5 ft AP16-SS123-080311 8/3/2011 SB32768	AP17-SB478 12 - 13 ft AP17-SB478 (12-13)71212- 7/12/2012 SB52747	AP17-SB478 3 - 4 ft AP17-SB478 (3-4)71212-1 7/12/2012 SB52747	AP17-SB478 6 - 7 ft AP17-SB478 (6-7)71212-1 7/12/2012 SB52747
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	321000	525	< 90 U	< 92	6170	< 26.6 U	173	105	818	645
Aroclor 1254	ug/kg	NE	NE	NE	< 2150 U	< 24.6 U	< 90 U	< 92	< 20.5 U	< 26.6 U	< 24.3 U	< 37.3 U	< 22.1 U	< 20.9 U
Aroclor 1260	ug/kg	NE	NE	NE	6990	< 24.6 U	< 90 U	< 92	247	< 26.6 U	< 24.3 U	< 37.3 U	78.6	39.7
Aroclor 1262	ug/kg	NE	NE	NE	< 2150 U	< 24.6 U	< 90 U	< 92	< 20.5 U	< 26.6 U	< 24.3 U	< 37.3 U	< 22.1 U	< 20.9 U
Aroclor 1268	ug/kg	NE	NE	NE	< 2150 U	< 24.6 U	< 90 U	< 92	< 20.5 U	< 26.6 U	< 24.3 U	< 37.3 U	< 22.1 U	< 20.9 U
Total PCB Aroclors	ug/kg	NE	NE	1000	328000	525	< 90	< 92	6417	< 26.6 U	173	105	897	684.7
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	< 0.211 U	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	1.35	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	< 0.211 U	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	1.35	NS	NS	NS	NS	NS

Notes:

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GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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mg/kg = milligrams per kilogram

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J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AP17-SS295 0 - 0.25 ft AP17SS295 0-3-082311 8/23/2011 SB34022	AP18-SS124 0 - 0.5 ft AP18-SS124-080311 8/3/2011 SB32768	AP19-SS290 0 - 0.25 ft AP19SS290 0-3-082311 8/23/2011 SB34022	AP20-SS125 0 - 0.25 ft AP20SS125 0-3 8/31/2011 SB34491	AP20-SS125 0 - 0.5 ft AP20-SS125-080311 8/3/2011 SB32768	AP20-SS327 0 - 0.25 ft AP20SS327 0-3 8/31/2011 SB34491	AP21-SS285 0 - 0.25 ft DUPLICATE-12 8/11/2011 SB33302	AP21-SS285 0 - 0.25 ft AP21SS285 0-3-082311 8/23/2011 SB34022	AP22-SS126 0 - 0.5 ft AP22-SS126-080311 8/3/2011 SB32768	AP23-SS281 0 - 0.25 ft AP23SS281 0-3-082311 8/23/2011 SB34022
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 22.3 U	< 23.1 U	< 24.7 U	< 25.2	129	158	280	281	171	121
Aroclor 1254	ug/kg	NE	NE	NE	< 22.3 U	< 23.1 U	< 24.7 U	< 25.2	< 21.3 U	< 23.8	< 21.3 U	< 23.7 U	< 21.7 U	< 23.5 U
Aroclor 1260	ug/kg	NE	NE	NE	< 22.3 U	< 23.1 U	< 24.7 U	< 25.2	< 21.3 U	< 23.8	< 21.3 U	< 23.7 U	< 21.7 U	< 23.5 U
Aroclor 1262	ug/kg	NE	NE	NE	< 22.3 U	< 23.1 U	< 24.7 U	< 25.2	< 21.3 U	< 23.8	< 21.3 U	< 23.7 U	< 21.7 U	< 23.5 U
Aroclor 1268	ug/kg	NE	NE	NE	< 22.3 U	< 23.1 U	< 24.7 U	< 25.2	< 21.3 U	< 23.8	< 21.3 U	< 23.7 U	< 21.7 U	< 23.5 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 22.3 U	< 23.1 U	< 24.7 U	< 25.2 U	129	158	280	281	171	121
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
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 <0.010 = Not detected above the laboratory reporting limit
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 Yellow highlighted cells exceed the 2013 GA PMC
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 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
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 ug/kg = micrograms per kilogram
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 mg/kg = milligrams per kilogram
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 J+ = Result may be biased high
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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AP24-SS127 0 - 0.5 ft DUPLICATE-2-080311 8/3/2011 SB32875	AP24-SS127 0 - 0.5 ft AP24-SS127 8/3/2011 SB32875	AQ12 1 - 1.5 ft AQ12 (1-1.5)-1 9/18/2020 2011050	AQ12 2 - 4 ft AQ12 (2-4)-1 9/18/2020 2011050	AQ12 4 - 5 ft AQ12 (4-5)-1 9/18/2020 2011050	AQ14 1 - 1.5 ft AQ14 (1-1.5)-1 9/18/2020 2011051	AQ14 2 - 4 ft AQ14 (2-4)-1 9/18/2020 2011051	AQ14 4 - 5 ft AQ14 (4-5)-1 9/18/2020 2011051	AQ15 1 - 1.5 ft AQ15 (1-1.5)-1 9/18/2020 2011052	AQ15 2 - 4 ft AQ15 (2-4)-1 9/18/2020 2011052
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 21.5 U	63.9 J	57000	< 88	2000	120000	< 110	< 130	760	630
Aroclor 1254	ug/kg	NE	NE	NE	< 21.5 U	< 21.7 U	< 11000	< 88	< 93	< 9000	< 110	< 130	< 93	< 88
Aroclor 1260	ug/kg	NE	NE	NE	< 21.5 U	< 21.7 U	< 11000	< 88	< 93	< 9000	< 110	< 130	< 93	< 88
Aroclor 1262	ug/kg	NE	NE	NE	< 21.5 U	< 21.7 U	< 11000	< 88	< 93	< 9000	< 110	< 130	< 93	< 88
Aroclor 1268	ug/kg	NE	NE	NE	< 21.5 U	< 21.7 U	< 11000	< 88	< 93	< 9000	< 110	< 130	< 93	< 88
Total PCB Aroclors	ug/kg	NE	NE	1000	< 21.5 U	63.9	57000	< 88	2000	120000	< 110	< 130	760	630
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

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Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AQ15 4 - 5 ft AQ15 (4-5) 9/18/2020 2011052	AQ17-SS296 0 - 0.25 ft AQ17SS296 0-3-082311 8/23/2011 SB34022	AQ18-SS144 0 - 0.5 ft AQ18-SS144-080511 8/5/2011 SB32945	AQ19-SB490 10 - 11 ft AQ19-SB490 (10-11)-071312 7/13/2012 SB52798	AQ19-SB490 2.3 - 3 ft AQ19-SB490 (2.3-3)-071312 7/13/2012 SB52798	AQ19-SB490 7 - 8 ft AQ19-SB490 (7-8)-071312 7/13/2012 SB52798	AQ19-SS324 0 - 0.25 ft AQ19SS324 0-3 8/31/2011 SB34491	AQ19-SS325 0 - 0.25 ft AQ19SS325 0-3 8/31/2011 SB34491	AQ20-SS287 0 - 0.25 ft AQ20SS287 0-3-082311 8/23/2011 SB34022	AQ20-SS326 0 - 0.25 ft AQ20SS326 0-3 8/31/2011 SB34491
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 94	< 20.8 U	< 20.1 U	< 25.2 U	173	92.1	< 23.2	178	499	< 24.2
Aroclor 1254	ug/kg	NE	NE	NE	< 94	< 20.8 U	< 20.1 U	< 25.2 U	< 21.5 U	< 27.9 U	< 23.2	< 24.7	< 24.6 U	< 24.2
Aroclor 1260	ug/kg	NE	NE	NE	< 94	< 20.8 U	< 20.1 U	42.8	< 21.5 U	< 27.9 U	< 23.2	< 24.7	< 24.6 U	< 24.2
Aroclor 1262	ug/kg	NE	NE	NE	< 94	< 20.8 U	< 20.1 U	< 25.2 U	< 21.5 U	< 27.9 U	< 23.2	< 24.7	< 24.6 U	< 24.2
Aroclor 1268	ug/kg	NE	NE	NE	< 94	< 20.8 U	< 20.1 U	< 25.2 U	< 21.5 U	< 27.9 U	< 23.2	< 24.7	< 24.6 U	< 24.2
Total PCB Aroclors	ug/kg	NE	NE	1000	< 94	< 20.8 U	< 20.1 U	2282.8	173	92.1	< 23.2 U	178	499	< 24.2 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AQ20-SS328 0 - 0.25 ft AQ20SS328 0-3 8/31/2011 SB34491	AQ21-SB268 3 - 4 ft AQ21-SB268 (3-4)-122811- 12/28/2011 SB41712	AQ21-SS329 0 - 0.25 ft AQ21SS329 0-3 8/31/2011 SB34491	AQ22-SS283 0 - 0.25 ft AQ22SS283 0-3-082311 8/23/2011 SB34022	AQ25-SS271 0 - 0.25 ft AQ25-SS271 (0-3) 8/22/2011 SB33952	AR14-SB434 11.5 - 12.5 ft 14-SB434 (11.5-12.5) 07051 7/5/2012 SB52304	AR14-SB434 2 - 3 ft AR14-SB434 (2-3) 070512- 7/5/2012 SB52304	AR14-SB434 5 - 6 ft AR14-SB434 (5-6) 070512- 7/5/2012 SB52304	AR16-SB479 1.5 - 2 ft R16-SB479 (1.5-2)-071212 7/12/2012 SB52747	AR16-SB479 14 - 15 ft R16-SB479 (14-15)-071212 7/12/2012 SB52747
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 22.5	337	< 22.9	< 25.3 U	< 19.8 U	< 66.5 U	454	39.3	< 20.8 U	< 23.2 U
Aroclor 1254	ug/kg	NE	NE	NE	< 22.5	< 21.1 U	< 22.9	< 25.3 U	< 19.8 U	< 33.2 U	< 22.7 U	< 26.2 U	< 20.8 U	< 23.2 U
Aroclor 1260	ug/kg	NE	NE	NE	< 22.5	< 21.1 U	< 22.9	< 25.3 U	< 19.8 U	< 33.2 U	< 22.7 U	< 26.2 U	< 20.8 U	< 23.2 U
Aroclor 1262	ug/kg	NE	NE	NE	< 22.5	< 21.1 U	< 22.9	< 25.3 U	< 19.8 U	< 33.2 U	< 22.7 U	< 26.2 U	< 20.8 U	< 23.2 U
Aroclor 1268	ug/kg	NE	NE	NE	< 22.5	< 21.1 U	< 22.9	< 25.3 U	< 19.8 U	< 33.2 U	< 22.7 U	< 26.2 U	< 20.8 U	< 23.2 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 22.5 U	337	< 22.9 U	< 25.3 U	< 19.8 U	< 66.5 U	454	39.3	173	137
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Blue highlighted cells exceed the 2013 RES DEC

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AR16-SB479 14 - 15 ft R16-SB479 (14-15)-071212 7/12/2012 SB52747	AR17-SS128 0 - 0.5 ft AR17-SS128-080311 8/3/2011 SB32768	AR18-SS291 0 - 0.25 ft AR18SS291 0-3-082311 8/23/2011 SB34022	AR19-SS129 0 - 0.25 ft AR19SS129 0-3 8/31/2011 SB34491	AR19-SS129 0 - 0.5 ft AR19-SS129-080311 8/3/2011 SB32768	AR20-SS288 0 - 0.25 ft AR20SS288 0-3-082311 8/23/2011 SB34022	AR21-SB144 1 - 2 ft AR21 SB144 1-2 8/10/2011 SB33308	AR21-SB144 10 - 11 ft AR21 SB144 10-11 8/10/2011 SB33308	AR21-SB144 16 - 17 ft AR21 SB144 16-17 8/10/2011 SB33308	AR21-SB144 2 - 3 ft AR21 SB144 2-3 8/10/2011 SB33308
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 26.1 U	< 20.9 U	< 21.7 U	< 23.5	< 20.8 U	< 24.2 U	< 25.2 U	< 23.1 U	< 22.9 U	< 23.2 U
Aroclor 1254	ug/kg	NE	NE	NE	< 26.1 U	< 20.9 U	< 21.7 U	< 23.5	< 20.8 U	< 24.2 U	< 25.2 U	< 23.1 U	< 22.9 U	< 23.2 U
Aroclor 1260	ug/kg	NE	NE	NE	< 26.1 U	< 20.9 U	< 21.7 U	< 23.5	< 20.8 U	< 24.2 U	< 25.2 U	< 23.1 U	< 22.9 U	< 23.2 U
Aroclor 1262	ug/kg	NE	NE	NE	< 26.1 U	< 20.9 U	< 21.7 U	< 23.5	< 20.8 U	< 24.2 U	< 25.2 U	< 23.1 U	< 22.9 U	< 23.2 U
Aroclor 1268	ug/kg	NE	NE	NE	< 26.1 U	< 20.9 U	< 21.7 U	< 23.5	< 20.8 U	< 24.2 U	< 25.2 U	< 23.1 U	< 22.9 U	< 23.2 U
Total PCB Aroclors	ug/kg	NE	NE	1000	258	< 20.9 U	< 21.7 U	< 23.5 U	< 20.8 U	33.9	< 25.2 U	< 23.1 U	< 22.9 U	< 23.2 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AR21-SB144 5 - 6 ft AR21 SB144 5-6 8/10/2011 SB33308	AR21-SB144 6 - 7 ft AR21 SB144 6-7 8/10/2011 SB33308	AR21-SS130 0 - 0.25 ft AR21SS130 0-3 8/31/2011 SB34491	AR21-SS130 0 - 0.5 ft AR21-SS130-080311 8/3/2011 SB32768	AR21-SS284 0 - 0.25 ft AR21SS284 0-3-082311 8/23/2011 SB34022	AR22-SB484 14 - 15 ft R22-SB484 (14-15)-071212 7/12/2012 SB52798	AR22-SB484 3 - 4 ft AR22-SB484 (3-4)-071212- 7/12/2012 SB52798	AR22-SB484 6 - 7 ft AR22-SB484 (6-7)-071212- 7/12/2012 SB52798	AR23-SS131 0 - 0.25 ft AR23SS131 0-3 8/31/2011 SB34491	AR23-SS131 0 - 0.5 ft AR23-SS131-080311 8/3/2011 SB32768
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	370	1410	< 24.5	< 23.3 U	75.1	< 43.7 U	230	< 24.6 U	< 23.6	< 22.7 U
Aroclor 1254	ug/kg	NE	NE	NE	< 22.9 U	< 20.5 U	< 24.5	< 23.3 U	< 23.1 U	< 21.9 U	< 22.3 U	< 24.6 U	< 23.6	< 22.7 U
Aroclor 1260	ug/kg	NE	NE	NE	< 22.9 U	27.6	< 24.5	< 23.3 U	< 23.1 U	< 21.9 U	< 22.3 U	< 24.6 U	< 23.6	< 22.7 U
Aroclor 1262	ug/kg	NE	NE	NE	< 22.9 U	< 20.5 U	< 24.5	< 23.3 U	< 23.1 U	< 21.9 U	< 22.3 U	< 24.6 U	< 23.6	< 22.7 U
Aroclor 1268	ug/kg	NE	NE	NE	< 22.9 U	< 20.5 U	< 24.5	< 23.3 U	< 23.1 U	< 21.9 U	< 22.3 U	< 24.6 U	< 23.6	< 22.7 U
Total PCB Aroclors	ug/kg	NE	NE	1000	370	1440	< 24.5 U	< 23.3 U	75.1	< 43.7 U	230	< 24.6 U	< 23.6 U	< 22.7 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AR25-SS132 0 - 0.5 ft AR25-SS132-080311 8/3/2011 SB32875	AR26-SS272 0 - 0.25 ft AR26-SS272 (0-3) 8/22/2011 SB33952	AS17-SS297 0 - 0.25 ft DUPLICATE-20-082311 8/23/2011 SB34022	AS17-SS297 0 - 0.25 ft AS17SS297 0-3 8/23/2011 SB34022	AT17-SS133 0 - 0.25 ft AT17 SS133 0-3 8/11/2011 SB33302	AT17-SS133 0 - 0.5 ft AT17-SS133-080311 8/3/2011 SB32768	AT18-SS168 0 - 0.25 ft AT18 SS168 0-3 8/11/2011 SB33302	AT20-E 0.25 - 0.25 ft AT20-E-071118-1 7/11/2018 18G0509	AT20-SB394 11.3 - 12.3 ft 20-SB394 (11.3-12.3)-062612 6/26/2012 SB51902	AT20-SB394 8.5 - 9.5 ft 20-SB394 (8.5-9.5)-062612 6/26/2012 SB51902
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 21.9 U	175	158	163	75.1	167	86.7	120	219000	< 21.6 U
Aroclor 1254	ug/kg	NE	NE	NE	< 21.9 U	< 21.4 U	< 22.8 U	< 22.7 U	< 24.6 U	< 22.0 U	< 22.5 U	< 84 U	< 2610 U	< 21.6 U
Aroclor 1260	ug/kg	NE	NE	NE	< 21.9 U	< 21.4 U	< 22.8 U	< 22.7 U	< 24.6 U	< 22.0 U	< 22.5 U	< 84 U	4310	< 21.6 U
Aroclor 1262	ug/kg	NE	NE	NE	< 21.9 U	< 21.4 U	< 22.8 U	< 22.7 U	< 24.6 U	< 22.0 U	< 22.5 U	< 84 U	< 2610 U	< 21.6 U
Aroclor 1268	ug/kg	NE	NE	NE	< 21.9 U	< 21.4 U	< 22.8 U	< 22.7 U	< 24.6 U	< 22.0 U	< 22.5 U	< 84 U	< 2610 U	< 21.6 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 21.9 U	175	158	163	75.1	167	86.7	120	223000	< 21.6 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AT22-SB395 4 - 5 ft AT22-SB395 (4-5)-062712-1 6/27/2012 SB51902	AT22-SB395 9 - 10 ft AT22-SB395 (9-10)-062712-1 6/27/2012 SB51902	AT24-SB396 1 - 2 ft AT24-SB396 (1-2)-062712-1 6/27/2012 SB51902	AT-25 0.24 - 0.24 ft AT-25-E 11/15/2018 18K0724	AU18-SS167 0 - 0.25 ft AU18 SS167 0-3 8/11/2011 SB33302	AV17-SB250 10 - 11 ft AV17-SB250(10-11)-1 12/29/2011 SB41766	AV17-SB250 13 - 14 ft AV17-SB250(13-14)-1 12/29/2011 SB41766	AV17-SB250 3.5 - 4.5 ft AV17-SB250(3.5-4.5)-1 12/29/2011 SB41766	AV17-SB250 5 - 7 ft AV17-SB250(5-7)-1 12/29/2011 SB41766	AV17-SS135 0 - 0.25 ft AV17 SS135 0-3 8/11/2011 SB33302
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 19.2 U	< 25.4 U	< 41.9 U	< 86	80.5	< 22.5 U	< 21.5 U	< 22.0 U	< 24.0 U	< 25.1 U
Aroclor 1254	ug/kg	NE	NE	NE	83.6	459	< 41.9 U	< 86	< 23.3 U	< 22.5 U	< 21.5 U	< 22.0 U	< 24.0 U	< 25.1 U
Aroclor 1260	ug/kg	NE	NE	NE	< 19.2 U	< 25.4 U	< 21.0 U	< 86	< 23.3 U	< 22.5 U	< 21.5 U	< 22.0 U	< 24.0 U	< 25.1 U
Aroclor 1262	ug/kg	NE	NE	NE	< 19.2 U	< 25.4 U	< 21.0 U	< 86	< 23.3 U	< 22.5 U	< 21.5 U	< 22.0 U	< 24.0 U	< 25.1 U
Aroclor 1268	ug/kg	NE	NE	NE	< 19.2 U	< 25.4 U	< 21.0 U	< 86	< 23.3 U	< 22.5 U	< 21.5 U	< 22.0 U	< 24.0 U	< 25.1 U
Total PCB Aroclors	ug/kg	NE	NE	1000	83.6	459	< 41.9 U	< 86	80.5	< 22.5 U	< 21.5 U	< 22.0 U	< 24.0 U	< 25.1 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AV17-SS135 0 - 0.5 ft AV17-SS135-080411 8/4/2011 SB32875	AV17-SS138 0 - 0.5 ft AV17-SS138-080311 8/3/2011 SB32768	AV18-SS166 0 - 0.25 ft AV18 SS166 0-3 8/11/2011 SB33302	AV18-SS273 0 - 0.25 ft AV18-SS273 (0-3) 8/22/2011 SB33952	AV-20 0.25 - 0.25 ft AV-20-E 11/15/2018 18K0724	AV20-SB393 11 - 12 ft V20-SB393 (11-12)-062612 6/26/2012 SB51819	AV20-SB393 4.5 - 5 ft V20-SB393 (4.5-5)-062612 6/26/2012 SB51819	AV22-SB392 7 - 8 ft AV22-SB392 (7-8)-062612 6/26/2012 SB51819	AV22-SB392 8 - 9 ft AV22-SB392 (8-9)-062612 6/26/2012 SB51819	CENTRAL-B1 0 - 0.25 ft CENTRAL-B1 (0-0.25)-1 4/6/2020 20D1046
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	117	378	122	120	< 85	51700	< 23.2 U	< 41.6 U	< 23.0 U	510
Aroclor 1254	ug/kg	NE	NE	NE	< 22.5 U	< 21.5 U	< 22.6 U	< 23.1 U	< 85	< 2430 U	< 23.2 U	< 41.6 U	< 23.0 U	240
Aroclor 1260	ug/kg	NE	NE	NE	< 22.5 U	< 21.5 U	< 22.6 U	< 23.1 U	< 85	< 2430 U	< 23.2 U	< 20.8 U	< 23.0 U	< 93
Aroclor 1262	ug/kg	NE	NE	NE	< 22.5 U	< 21.5 U	< 22.6 U	< 23.1 U	< 85	< 2430 U	< 23.2 U	< 20.8 U	< 23.0 U	< 93
Aroclor 1268	ug/kg	NE	NE	NE	< 22.5 U	< 21.5 U	< 22.6 U	< 23.1 U	< 85	< 2430 U	< 23.2 U	< 20.8 U	< 23.0 U	< 93
Total PCB Aroclors	ug/kg	NE	NE	1000	117	378	122	120	< 85	51700	< 23.2 U	< 41.6 U	< 23.0 U	750
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	CENTRAL-B1 1.5 - 2 ft CENTRAL-B1 (1.5-2)-1 4/6/2020 20D0237	CENTRAL-B2 1.5 - 2 ft CENTRAL-B2 (1.5-2)-1 4/6/2020 20D0294	CENTRAL-B3 0 - 0.25 ft CENTRAL-B3 (0-0.25)-1 4/6/2020 20D1046	CENTRAL-B3 1.5 - 2 ft CENTRAL-B3 (1.5-2)-1 4/6/2020 20D0237	CENTRAL-B4 1.5 - 2 ft CENTRAL-B4 (1.5-2)-2 4/6/2020 20D0294	CENTRAL-B4 1.5 - 2 ft CENTRAL-B4 (1.5-2)-1 4/6/2020 20D0294	DET-1A 0 - 2 ft DET-1A-080515-1 8/5/2015 GBJ69768	DET-2B 0 - 2 ft DET-2B-080515-1 8/5/2015 GBJ69768	DET-3A 0 - 2 ft DET-3A-080515-1 8/5/2015 GBJ69768	DET-4A 0 - 2 ft DET-4A-080515-1 8/5/2015 GBJ69768
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	540	< 92	< 91	100	< 91	100	< 380	< 350	< 350	< 340
Aroclor 1254	ug/kg	NE	NE	NE	200	92	< 91	< 89	< 91	< 93	< 380	< 350	< 350	< 340
Aroclor 1260	ug/kg	NE	NE	NE	< 90	< 92	< 91	< 89	< 91	< 93	< 380	< 350	< 350	< 340
Aroclor 1262	ug/kg	NE	NE	NE	< 90	< 92	< 91	< 89	< 91	< 93	< 380	< 350	< 350	< 340
Aroclor 1268	ug/kg	NE	NE	NE	< 90	< 92	< 91	< 89	< 91	< 93	< 380	< 350	< 350	< 340
Total PCB Aroclors	ug/kg	NE	NE	1000	740	92	< 91	100	< 91	100	< 380	< 350	< 350	< 340
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	DET-5A 0 - 2 ft DET-5A-080515-1 8/5/2015 GBJ69768	DET-6A 0 - 2 ft DET-6A-080515-1 8/5/2015 GBJ69768	MB-01 0 - 0.5 ft MB-1(0-0.5)-1 8/9/2013 SB74753	MB-01 2 - 3 ft MB-1(2-3)-1 8/9/2013 SB74753	MB-02 0 - 0.5 ft MB-2(0-0.5)-1 8/9/2013 SB74753	MB-02 1 - 2 ft MB-2(1-2)-1 8/9/2013 SB74753	MB-03 0.5 - 1 ft MB-3(0.5-1)-1 8/9/2013 SB74753	MB-03 2 - 3 ft MB-3(2-3)-1 8/9/2013 SB74753	MB-04 0.5 - 1 ft MB-4(0.5-1)-1 8/9/2013 SB74753	MB-04 3 - 4 ft MB-4(3-4)-1 8/9/2013 SB74753
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 350	< 460	< 19.6	< 21.3	< 20.9	< 21.5	< 19.7	< 20.2	< 21.2	< 24.6
Aroclor 1254	ug/kg	NE	NE	NE	< 350	< 460	< 19.6	< 21.3	< 20.9	< 21.5	< 19.7	< 20.2	< 21.2	< 24.6
Aroclor 1260	ug/kg	NE	NE	NE	< 350	< 460	< 19.6	< 21.3	< 20.9	< 21.5	< 19.7	< 20.2	< 21.2	< 24.6
Aroclor 1262	ug/kg	NE	NE	NE	< 350	< 460	< 19.6	< 21.3	< 20.9	< 21.5	< 19.7	< 20.2	< 21.2	< 24.6
Aroclor 1268	ug/kg	NE	NE	NE	< 350	< 460	< 19.6	< 21.3	< 20.9	< 21.5	< 19.7	< 20.2	< 21.2	< 24.6
Total PCB Aroclors	ug/kg	NE	NE	1000	< 350	< 460	< 19.6	< 21.3	< 20.9	< 21.5	< 19.7	< 20.2	< 21.2	< 24.6
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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ug/kg = micrograms per kilogram

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MB-05 0.5 - 1 ft MB-5(0.5-1)-1 8/9/2013 SB74753	MB-05 3 - 4 ft MB-5(3-4)-1 8/9/2013 SB74753	MB-06 0 - 0.5 ft MB-6(0-0.5)-1 8/9/2013 SB74753	MB-06 4 - 5 ft MB-6(4-5)-1 8/9/2013 SB74753	MB-07 0 - 0.5 ft MB-7(0-0.5)-1 8/9/2013 SB74753	MB-07 4 - 5 ft MB-7(4-5)-1 8/9/2013 SB74753	MB-08 0.5 - 1 ft MB-8(0.5-1)-1 8/9/2013 SB74753	MB-08 3 - 4 ft MB-8(3-4)-1 8/9/2013 SB74753	MB-09 0.5 - 1 ft MB-9(0.5-1)-1 8/9/2013 SB74753	MB-09 3 - 4 ft MB-9(3-4)-1 8/9/2013 SB74753
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 21.7	< 24.4	< 19.8	< 20.7	< 19.4	< 209	< 21.6	< 231	< 21.0	< 214
Aroclor 1254	ug/kg	NE	NE	NE	566	< 24.4	66.2	< 20.7	< 19.4	< 209	261	< 231	108	< 21.4
Aroclor 1260	ug/kg	NE	NE	NE	128	< 24.4	51.4	< 20.7	< 19.4	< 20.9	50.6	< 23.1	53.5	< 21.4
Aroclor 1262	ug/kg	NE	NE	NE	< 21.7	< 24.4	< 19.8	< 20.7	< 19.4	< 20.9	< 21.6	< 23.1	< 21.0	< 21.4
Aroclor 1268	ug/kg	NE	NE	NE	< 21.7	< 24.4	< 19.8	< 20.7	< 19.4	< 20.9	< 21.6	< 23.1	< 21.0	< 21.4
Total PCB Aroclors	ug/kg	NE	NE	1000	694	< 24.4	117.6	< 20.7	< 19.4	< 209	311.6	< 231	161.5	< 214
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS								
Aroclor 1248	ug/l	NE	NE	NE	NS	NS								
Aroclor 1260	ug/l	NE	NE	NE	NS	NS								
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS								

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MB-10 0.5 - 1 ft MB-10(0.5-1)-1 8/9/2013 SB74753	MB-10 2 - 3 ft MB-10(2-3)-1 8/9/2013 SB74753	MB-11 0 - 0.5 ft MB-11(0-0.5)-1 8/9/2013 SB74753	MB-11 4 - 5 ft MB-11(4-5)-1 8/9/2013 SB74753	MB-12 0.5 - 1 ft MB-12(0.5-1)-1 8/9/2013 SB74753	MB-12 3 - 4 ft MB-12(3-4)-1 8/9/2013 SB74753	MB-13 0 - 0.5 ft MB-13(0-0.5)-1 8/9/2013 SB74753	MB-13 2 - 3 ft MB-13(2-3)-1 8/9/2013 SB74753	MB-14 0.5 - 1 ft MB-14(.5-1)-1 8/9/2013 SB74753	MB-14 1 - 2 ft MB-14(1-2)-1 8/9/2013 SB74753
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 21.4	< 220	< 21.4	< 211	< 21.4	< 220	< 21.5	< 21.6	< 20.8	< 21.1
Aroclor 1254	ug/kg	NE	NE	NE	117	< 22.0	96.2	< 211	148	< 220	83.9	< 21.6	291	< 21.1
Aroclor 1260	ug/kg	NE	NE	NE	102	< 22.0	52.4	< 21.1	41.8	< 22.0	38.7	< 21.6	27.1	< 21.1
Aroclor 1262	ug/kg	NE	NE	NE	< 21.4	< 22.0	< 21.4	< 21.1	< 21.4	< 22.0	< 21.5	< 21.6	< 20.8	< 21.1
Aroclor 1268	ug/kg	NE	NE	NE	< 21.4	< 22.0	< 21.4	< 21.1	< 21.4	< 22.0	< 21.5	< 21.6	< 20.8	< 21.1
Total PCB Aroclors	ug/kg	NE	NE	1000	219	< 220	148.6	< 211	189.8	< 220	122.6	< 21.6	318.1	< 21.1
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MB-15 0.5 - 1 ft MB-15 (0.5-1)-1 8/8/2013 SB74662	MB-15 4 - 5 ft MB-15 (4-5)-1 8/8/2013 SB74662	MB-16 0.5 - 1 ft MB-16 (0.5-1)-1 8/8/2013 SB74662	MB-16 2 - 3 ft MB-16 (2-3)-1 8/8/2013 SB74662	MB-17 0.5 - 1 ft MB-17 (0.5-1)-1 8/8/2013 SB74662	MB-17 4 - 5 ft MB-17 (4-5)-1 8/8/2013 SB74662	MB-18 0.5 - 1 ft MB-18 (0.5-1)-1 8/8/2013 SB74662	MB-18 4 - 5 ft MB-18 (4-5)-1 8/8/2013 SB74662	MB-19 0.5 - 1 ft MB-19 (0.5-1)-1 8/8/2013 SB74662	MB-19 4 - 5 ft MB-19 (4-5)-1 8/8/2013 SB74662
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 21.6	< 223	< 19.8	2540	106	1470	49.5	3030	< 20.8	444
Aroclor 1254	ug/kg	NE	NE	NE	81.1	< 223	46.5	< 21.3	< 21.6	< 23.2	< 20.2	< 22.5	< 20.8	< 20.1
Aroclor 1260	ug/kg	NE	NE	NE	37.8	< 22.3	< 19.8	83.0	< 21.6	70.7	< 20.2	68.6	< 20.8	< 20.1
Aroclor 1262	ug/kg	NE	NE	NE	< 21.6	< 22.3	< 19.8	< 21.3	< 21.6	< 23.2	< 20.2	< 22.5	< 20.8	< 20.1
Aroclor 1268	ug/kg	NE	NE	NE	< 21.6	< 22.3	< 19.8	< 21.3	< 21.6	< 23.2	< 20.2	< 22.5	< 20.8	< 20.1
Total PCB Aroclors	ug/kg	NE	NE	1000	118.9	< 223	46.5	2623	106	1540.7	49.5	3098.6	< 20.8	444
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS								
Aroclor 1248	ug/l	NE	NE	NE	NS	NS								
Aroclor 1260	ug/l	NE	NE	NE	NS	NS								
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS								

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GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MB-20 0.5 - 1 ft MB-20 (0.5-1)-1 8/8/2013 SB74662	MB-20 3 - 4 ft MB-20 (3-4)-1 8/8/2013 SB74662	MB-21 0.5 - 1 ft MB-21 (0.5-1)-1 8/8/2013 SB74662	MB-21 3 - 4 ft MB-21 (3-4)-1 8/8/2013 SB74662	MB-22 0 - 0.5 ft MB-22 (0-0.5)-1 8/8/2013 SB74662	MB-22 4 - 5 ft MB-22 (4-5)-1 8/8/2013 SB74662	MB-23 0.5 - 1 ft MB-23 (0.5-1)-1 8/8/2013 SB74662	MB-23 3 - 4 ft MB-23 (3-4)-1 8/8/2013 SB74662	MB-24 0.5 - 1 ft MB-24(0.5-1)-1 8/9/2013 SB74753	MB-24 1 - 2 ft MB-24(1-2)-1 8/9/2013 SB74753
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 19.4	< 211	26.4	4330	64.0	< 20.8	< 21.4	< 21.1	< 21.4	< 21.0
Aroclor 1254	ug/kg	NE	NE	NE	< 19.4	< 21.1	< 20.3	< 22.6	< 22.1	< 20.8	< 21.4	< 21.1	< 21.4	< 21.0
Aroclor 1260	ug/kg	NE	NE	NE	< 19.4	< 21.1	< 20.3	139	< 22.1	< 20.8	< 21.4	< 21.1	< 21.4	< 21.0
Aroclor 1262	ug/kg	NE	NE	NE	< 19.4	< 21.1	< 20.3	< 22.6	< 22.1	< 20.8	< 21.4	< 21.1	< 21.4	< 21.0
Aroclor 1268	ug/kg	NE	NE	NE	< 19.4	< 21.1	< 20.3	< 22.6	< 22.1	< 20.8	< 21.4	< 21.1	< 21.4	< 21.0
Total PCB Aroclors	ug/kg	NE	NE	1000	< 19.4	< 211	26.4	4469	64	< 20.8	< 21.4	< 21.1	< 21.4	< 21.0
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MB-24 3 - 4 ft MB-24(3-4)-1 8/9/2013 SB74753	MB-25 0.5 - 1 ft MB-25 (0.5-1)-1 8/8/2013 SB74662	MB-25 1 - 2 ft MB-25 (1-2)-1 8/8/2013 SB74662	MB-25 4 - 5 ft MB-25 (4-5)-1 8/8/2013 SB74662	MB-26 0.5 - 1 ft MB-26 (0.5-1)-1 8/8/2013 SB74662	MB-26 2 - 3 ft MB-26 (2-3)-1 8/8/2013 SB74662	MB-26 4 - 5 ft MB-26 (4-5)-1 8/8/2013 SB74662	MB-27 0 - 0.5 ft MB-27 (0-0.5)-1 8/8/2013 SB74662	MB-27 1 - 2 ft MB-27 (1-2)-1 8/8/2013 SB74662	MB-27 3 - 4 ft MB-27 (3-4)-1 8/8/2013 SB74662
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 22.2	< 20.6	< 20.3	309	< 20.8	< 227	< 234	< 20.3	< 22.0	< 22.3
Aroclor 1254	ug/kg	NE	NE	NE	< 22.2	< 20.6	< 20.3	< 23.0	< 20.8	< 22.7	< 23.4	< 20.3	< 22.0	< 22.3
Aroclor 1260	ug/kg	NE	NE	NE	< 22.2	< 20.6	< 20.3	< 23.0	< 20.8	< 22.7	35.0	< 20.3	< 22.0	< 22.3
Aroclor 1262	ug/kg	NE	NE	NE	< 22.2	< 20.6	< 20.3	< 23.0	< 20.8	< 22.7	< 23.4	< 20.3	< 22.0	< 22.3
Aroclor 1268	ug/kg	NE	NE	NE	< 22.2	< 20.6	< 20.3	< 23.0	< 20.8	< 22.7	< 23.4	< 20.3	< 22.0	< 22.3
Total PCB Aroclors	ug/kg	NE	NE	1000	< 22.2	< 20.6	< 20.3	309	< 20.8	< 227	35	< 20.3	< 22.0	< 22.3
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MB-28 0.5 - 1 ft MB-28 (0.5-1)-1 8/8/2013 SB74662	MB-28 2 - 3 ft MB-28 (2-3)-1 8/8/2013 SB74662	MB-28 4 - 5 ft MB-28 (4-5)-1 8/8/2013 SB74662	MB-29 0 - 0.5 ft MB-29 (0-0.5)-1 8/8/2013 SB74662	MB-29 1 - 2 ft MB-29 (1-2)-1 8/8/2013 SB74662	MB-29 3 - 4 ft MB-29 (3-4)-1 8/8/2013 SB74662	MB-30 0.5 - 1 ft MB-30 (0.5-1)-1 8/8/2013 SB74662	MB-30 2 - 3 ft MB-30 (2-3) 8/8/2013 SB74662	MB-30 3 - 4 ft MB-30 (3-4) 8/8/2013 SB74662	MB-31 0 - 0.5 ft MB-31 (0-0.5)-1 8/8/2013 SB74662
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 20.6	< 237	< 23.5	< 21.3	< 209	293	< 21.2	< 20.3	207	< 20.7
Aroclor 1254	ug/kg	NE	NE	NE	< 20.6	< 23.7	< 23.5	< 21.3	< 20.9	< 22.8	< 21.2	< 20.3	< 20.9	< 20.7
Aroclor 1260	ug/kg	NE	NE	NE	< 20.6	< 23.7	< 23.5	< 21.3	< 20.9	< 22.8	< 21.2	< 20.3	< 20.9	< 20.7
Aroclor 1262	ug/kg	NE	NE	NE	< 20.6	< 23.7	< 23.5	< 21.3	< 20.9	< 22.8	< 21.2	< 20.3	< 20.9	< 20.7
Aroclor 1268	ug/kg	NE	NE	NE	< 20.6	< 23.7	< 23.5	< 21.3	< 20.9	< 22.8	< 21.2	< 20.3	< 20.9	< 20.7
Total PCB Aroclors	ug/kg	NE	NE	1000	< 20.6	< 237	< 23.5	< 21.3	< 209	293	< 21.2	< 20.3	207	< 20.7
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

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Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MB-31 1 - 2 ft MB-31 (1-2)-1 8/8/2013 SB74662	MB-31 3 - 4 ft MB-31 (3-4)-1 8/8/2013 SB74662	MB-32 0 - 0.5 ft MB-32 (0-0.5)-1 8/8/2013 SB74662	MB-32 2 - 3 ft MB-32 (2-3)-1 8/8/2013 SB74662	MB-32 4 - 5 ft MB-32 (4-5) 8/8/2013 SB74662	MB-33 0.5 - 1 ft MB-33 (0.5-1)-1 8/8/2013 SB74662	MB-33 2 - 3 ft MB-33 (2-3)-1 8/8/2013 SB74662	MB-33 4 - 5 ft MB-33 (4-5)-1 8/8/2013 SB74662	MB-34 0.5 - 1 ft MB-34 (0.5-1)-1 8/8/2013 SB74662	MB-34 2 - 3 ft MB-34 (2-3)-1 8/8/2013 SB74662
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 23.8	< 22.2	< 20.8	< 222	< 212	< 21.7	< 21.4	< 220	74.1	130
Aroclor 1254	ug/kg	NE	NE	NE	1000	311	< 20.8	< 222	< 212	< 21.7	78.2	< 220	< 20.6	< 20.6
Aroclor 1260	ug/kg	NE	NE	NE	< 23.8	< 22.2	< 20.8	< 22.2	< 21.2	< 21.7	< 21.4	< 22.0	< 20.6	< 20.6
Aroclor 1262	ug/kg	NE	NE	NE	< 23.8	< 22.2	< 20.8	< 22.2	< 21.2	< 21.7	< 21.4	< 22.0	< 20.6	< 20.6
Aroclor 1268	ug/kg	NE	NE	NE	< 23.8	< 22.2	< 20.8	< 22.2	< 21.2	< 21.7	< 21.4	< 22.0	< 20.6	< 20.6
Total PCB Aroclors	ug/kg	NE	NE	1000	1000	311	< 20.8	< 222	< 212	< 21.7	78.2	< 220	74.1	130
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MB-34 4 - 5 ft MB-34 (4-5)-1 8/8/2013 SB74662	MB-34 8 - 9 ft MB-34 (8-9)-1 8/8/2013 SB74662	MB-35 0 - 0.5 ft MB-35(0-0.5)-1 8/9/2013 SB74753	MB-35 1 - 2 ft MB-35(1-2)-1 8/9/2013 SB74753	MB-35 4 - 5 ft MB-35(4-5)-1 8/9/2013 SB74753	MB-36 0 - 0.5 ft MB-36 (0-0.5)-1 8/8/2013 SB74662	MB-36 1 - 2 ft MB-36 (1-2)-1 8/8/2013 SB74662	MB-36 3 - 4 ft MB-36 (3-4)-1 8/8/2013 SB74662	MB-36 5 - 7 ft MB-36 (5-7)-1 8/8/2013 SB74662	MB-37 0.5 - 1 ft MB-37 (0.5-1)-1 8/8/2013 SB74662
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 22.9	< 28.3	< 20.1	< 20.1	4970	< 19.8	< 45.1	93.9	77.5	< 19.8
Aroclor 1254	ug/kg	NE	NE	NE	< 22.9	< 28.3	< 20.1	45.2	< 22.7	< 19.8	< 22.5	< 21.3	< 20.9	< 19.8
Aroclor 1260	ug/kg	NE	NE	NE	< 22.9	< 28.3	< 20.1	< 20.1	141	< 19.8	< 22.5	< 21.3	< 20.9	< 19.8
Aroclor 1262	ug/kg	NE	NE	NE	< 22.9	< 28.3	< 20.1	< 20.1	< 22.7	< 19.8	< 22.5	< 21.3	< 20.9	< 19.8
Aroclor 1268	ug/kg	NE	NE	NE	< 22.9	< 28.3	< 20.1	< 20.1	< 22.7	< 19.8	< 22.5	< 21.3	< 20.9	< 19.8
Total PCB Aroclors	ug/kg	NE	NE	1000	< 22.9	< 28.3	< 20.1	45.2	5111	< 19.8	< 45.1	93.9	77.5	< 19.8
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

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J = Result is considered estimated

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MB-37 2 - 3 ft MB-37 (2-3)-1 8/8/2013 SB74662	MB-37 4 - 5 ft MB-37 (4-5)-1 8/8/2013 SB74662	MB-38 0 - 0.5 ft MB-38 (0-0.5)-1 8/8/2013 SB74662	MB-38 2 - 3 ft MB-38 (2-3)-1 8/8/2013 SB74662	MB-38 4 - 5 ft MB-38 (4-5)-1 8/8/2013 SB74662	MB-39 0.5 - 1 ft MB-39 (0.5-1)-1 8/8/2013 SB74662	MB-39 1 - 2 ft MB-39 (1-2)-1 8/8/2013 SB74662	MB-39 3 - 4 ft MB-39 (3-4)-1 8/8/2013 SB74662	MB-40 0 - 0.5 ft MB-40 (0-0.5)-1 8/8/2013 SB74662	MB-40 2 - 3 ft MB-40 (2-3)-1 8/8/2013 SB74662
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 45.2	< 20.6	< 20.1	< 20.6	< 48.8	< 21.7	< 20.7	< 213	< 20.3	173
Aroclor 1254	ug/kg	NE	NE	NE	< 22.6	< 20.6	< 20.1	< 20.6	< 24.4	< 21.7	< 20.7	< 21.3	< 20.3	< 22.6
Aroclor 1260	ug/kg	NE	NE	NE	< 22.6	< 20.6	< 20.1	< 20.6	< 24.4	< 21.7	< 20.7	< 21.3	< 20.3	< 22.6
Aroclor 1262	ug/kg	NE	NE	NE	< 22.6	< 20.6	< 20.1	< 20.6	< 24.4	< 21.7	< 20.7	< 21.3	< 20.3	< 22.6
Aroclor 1268	ug/kg	NE	NE	NE	< 22.6	< 20.6	< 20.1	< 20.6	< 24.4	< 21.7	< 20.7	< 21.3	< 20.3	< 22.6
Total PCB Aroclors	ug/kg	NE	NE	1000	< 45.2	< 20.6	< 20.1	< 20.6	< 48.8	< 21.7	< 20.7	< 213	< 20.3	173
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

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Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MB-40 4 - 5 ft MB-40 (4-5)-1 8/8/2013 SB74662	MB-40 5 - 7 ft MB-40 (5-7)-1 8/8/2013 SB74662	MB-41 0.5 - 1 ft MB-41 (0.5-1)-1 8/8/2013 SB74662	MB-41 1 - 2 ft MB-41 (1-2)-1 8/8/2013 SB74662	MB-41 2 - 3 ft MB-41 (2-3)-1 8/8/2013 SB74662	MB-42 0.5 - 1 ft MB-42 (0.5-1)-1 8/8/2013 SB74662	MB-42 2 - 3 ft MB-42 (2-3)-1 8/8/2013 SB74662	MB-42 4 - 5 ft MB-42 (4-5)-1 8/8/2013 SB74662	MB-43 0 - 0.5 ft MB-43 (0-0.5)-1 8/8/2013 SB74662	MB-43 1 - 2 ft MB-43 (1-2)-1 8/8/2013 SB74662
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 371	< 44.7	< 20.4	396	199	< 20.8	392	< 220	< 19.3	< 19.7
Aroclor 1254	ug/kg	NE	NE	NE	< 37.1	< 44.7	< 20.4	< 21.1	< 20.6	< 20.8	< 22.0	< 22.0	< 19.3	< 19.7
Aroclor 1260	ug/kg	NE	NE	NE	< 37.1	< 44.7	< 20.4	< 21.1	< 20.6	< 20.8	< 22.0	< 22.0	< 19.3	< 19.7
Aroclor 1262	ug/kg	NE	NE	NE	< 37.1	< 44.7	< 20.4	< 21.1	< 20.6	< 20.8	< 22.0	< 22.0	< 19.3	< 19.7
Aroclor 1268	ug/kg	NE	NE	NE	< 37.1	< 44.7	< 20.4	< 21.1	< 20.6	< 20.8	< 22.0	< 22.0	< 19.3	< 19.7
Total PCB Aroclors	ug/kg	NE	NE	1000	< 371	< 44.7	< 20.4	396	199	< 20.8	392	< 220	< 19.3	< 19.7
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Yellow highlighted cells exceed the 2013 GA PMC

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MB-43 3 - 4 ft MB-43 (3-4)-1 8/8/2013 SB74662	MB-44 0.5 - 1 ft MB-44 (0.5-1)-1 8/8/2013 SB74662	MB-44 3 - 4 ft MB-44 (3-4)-1 8/8/2013 SB74662	MB-44 4 - 5 ft MB-44 (4-5)-1 8/8/2013 SB74662	MB-44 8 - 10 ft MB-44 (8-10)-1 8/8/2013 SB74662	MB-45 0 - 0.5 ft MB-45 (0-0.5)-1 8/8/2013 SB74619	MB-45 4 - 5 ft MB-45 (4-5)-1 8/8/2013 SB74619	MB-46 0.5 - 1 ft MB-46 (0.5-1)-1 8/8/2013 SB74619	MB-46 3 - 4 ft MB-46 (3-4)-1 8/8/2013 SB74619	MB-50 0 - 0.5 ft MB-50 (0-0.5)120313 12/3/2013 SB81322
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	638	< 20.0	3250	182	< 30.5	< 21.5	< 21.6	< 20.3	103	< 21.5
Aroclor 1254	ug/kg	NE	NE	NE	< 21.2	< 20.0	< 22.3	< 21.8	< 30.5	< 108	< 21.6	< 101	352	< 21.5
Aroclor 1260	ug/kg	NE	NE	NE	< 21.2	< 20.0	79.0	< 21.8	< 30.5	21.5	< 21.6	< 20.3	37.4	< 21.5
Aroclor 1262	ug/kg	NE	NE	NE	< 21.2	< 20.0	< 22.3	< 21.8	< 30.5	< 21.5	< 21.6	< 20.3	< 20.2	< 21.5
Aroclor 1268	ug/kg	NE	NE	NE	< 21.2	< 20.0	< 22.3	< 21.8	< 30.5	< 21.5	< 21.6	< 20.3	< 20.2	< 21.5
Total PCB Aroclors	ug/kg	NE	NE	1000	638	< 20.0	3329	182	< 30.5	21.5	< 21.6	< 20.3	492.4	< 21.5
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MB-50 1 - 1.5 ft MB-50 (1-1.5)120313 12/3/2013 SB81322	MB-51 0.5 - 1 ft MB-51 (0.5-1)120313 12/3/2013 SB81322	MB-51 1.5 - 2 ft MB-51 (1.5-2)120313 12/3/2013 SB81322	MB-52 0 - 0.5 ft MB-52 (0-0.5)120313 12/3/2013 SB81322	MB-52 2 - 2.5 ft MB-52 (2-2.5)120313 12/3/2013 SB81322	MB-53 0.5 - 1 ft MB-53 (0.5-1)120313 12/3/2013 SB81322	MB-53 2 - 2.5 ft MB-53 (2.5-3)120313 12/3/2013 SB81322	MB-54 0 - 0.5 ft MB-54 (0-0.5)120313 12/3/2013 SB81322	MB-54 3 - 3.5 ft MB-54 (3-3.5)120313 12/3/2013 SB81322	MB-55 0.5 - 1 ft MB-55 (0.5-1)120313 12/3/2013 SB81322
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 22.8	< 21.1	< 22.4	< 21.3	< 20.3	< 19.4	< 21.1	< 20.1	< 20.8	2040
Aroclor 1254	ug/kg	NE	NE	NE	< 22.8	< 21.1	< 22.4	< 21.3	< 20.3	NS	197	< 20.1	< 20.8	< 21.5
Aroclor 1260	ug/kg	NE	NE	NE	< 22.8	< 21.1	< 22.4	< 21.3	< 20.3	NS	NS	< 20.1	< 20.8	NS
Aroclor 1262	ug/kg	NE	NE	NE	< 22.8	< 21.1	< 22.4	< 21.3	< 20.3	< 19.4	< 21.1	< 20.1	< 20.8	< 21.5
Aroclor 1268	ug/kg	NE	NE	NE	< 22.8	< 21.1	< 22.4	< 21.3	< 20.3	< 19.4	< 21.1	< 20.1	< 20.8	< 21.5
Total PCB Aroclors	ug/kg	NE	NE	1000	< 22.8	< 21.1	< 22.4	< 21.3	< 20.3	< 19.4	197	< 20.1	< 20.8	2040
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS									
Aroclor 1248	ug/l	NE	NE	NE	NS									
Aroclor 1260	ug/l	NE	NE	NE	NS									
Total PCB Aroclors	ug/l	0.5	5	NE	NS									

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MB-55 1 - 1.5 ft MB-55 (1-1.5)120313 12/3/2013 SB81322	MB-56 0 - 0.5 ft MB-56 (0-0.5)120313 12/3/2013 SB81322	MB-56 1.5 - 2 ft MB-56 (1.5-2)120313 12/3/2013 SB81322	MB-57 0.5 - 1 ft MB-57 (0.5-1)120313 12/3/2013 SB81322	MB-57 2 - 2.5 ft MB-57 (2-2.5)120313 12/3/2013 SB81322	MB-58 0 - 0.5 ft MB-58 (0-0.5)120313 12/3/2013 SB81322	MB-58 2 - 2.5 ft MB-58 (2.5-3)120313 12/3/2013 SB81322	MB-59 0.5 - 1 ft MB-59 (0.5-1)120313 12/3/2013 SB81322	MB-59 3 - 3.5 ft MB-59 (3-3.5)120313 12/3/2013 SB81322	MB-60 0 - 0.5 ft MB-60 (0-0.5)120313 12/3/2013 SB81322
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 21.9	< 20.4	< 19.6	< 20.8	< 21.9	< 20.7	< 28.4	< 20.1	< 20.2	< 20.2
Aroclor 1254	ug/kg	NE	NE	NE	59.1	< 20.4	< 19.6	< 20.8	< 21.9	< 20.7	< 28.4	101	< 20.2	< 20.2
Aroclor 1260	ug/kg	NE	NE	NE	< 21.9	< 20.4	< 19.6	< 20.8	< 21.9	< 20.7	< 28.4	< 20.1	< 20.2	< 20.2
Aroclor 1262	ug/kg	NE	NE	NE	< 21.9	< 20.4	< 19.6	< 20.8	< 21.9	< 20.7	< 28.4	< 20.1	< 20.2	< 20.2
Aroclor 1268	ug/kg	NE	NE	NE	< 21.9	< 20.4	< 19.6	< 20.8	< 21.9	< 20.7	< 28.4	< 20.1	< 20.2	< 20.2
Total PCB Aroclors	ug/kg	NE	NE	1000	59.1	< 20.4	< 19.6	< 20.8	< 21.9	< 20.7	< 28.4	101	< 20.2	< 20.2
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS									
Aroclor 1248	ug/l	NE	NE	NE	NS									
Aroclor 1260	ug/l	NE	NE	NE	NS									
Total PCB Aroclors	ug/l	0.5	5	NE	NS									

Notes:
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 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MB-60 1 - 1.5 ft MB-60 (1-1.5)120313 12/3/2013 SB81322	MU-SB04 10 - 12 ft MU-SB04(10-12)-1 2/14/2013 SB64625	MU-SB04 12 - 14 ft MU-SB04(12-14)-1 2/14/2013 SB64625	MU-SB04 5 - 7 ft MU-SB04(5-7)-1 2/14/2013 SB64625	MU-SB05 11 - 13 ft MU-SB05(11-13)-1 2/14/2013 SB64625	MU-SB05 5 - 7 ft MU-SB05(5-7)-1 2/14/2013 SB64625	MU-SB06 11 - 13 ft MU-SB06(11-13)-1 2/14/2013 SB64625	MU-SB06 5 - 7 ft MU-SB06(5-7)-1 2/14/2013 SB64625	MU-SB07 10.5 - 12.5 ft MU-SB07(10.5-12.5)-1 2/14/2013 SB64625	MU-SB07 13.5 - 15 ft MU-SB07(13.5-15)-1 2/14/2013 SB64625
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 21.7	< 34.3	< 69.6	184	< 34.5	2410	< 34.1	473	< 22.6	< 32.7
Aroclor 1254	ug/kg	NE	NE	NE	< 21.7	< 34.3	< 69.6	< 22.3	< 34.5	< 22.0	< 34.1	< 22.5	< 22.6	< 32.7
Aroclor 1260	ug/kg	NE	NE	NE	< 21.7	< 34.3	< 69.6	< 22.3	< 34.5	51.7	< 34.1	< 22.5	< 22.6	< 32.7
Aroclor 1262	ug/kg	NE	NE	NE	< 21.7	< 34.3	< 69.6	< 22.3	< 34.5	< 22.0	< 34.1	< 22.5	< 22.6	< 32.7
Aroclor 1268	ug/kg	NE	NE	NE	< 21.7	< 34.3	< 69.6	< 22.3	< 34.5	< 22.0	< 34.1	< 22.5	< 22.6	< 32.7
Total PCB Aroclors	ug/kg	NE	NE	1000	< 21.7	< 34.3	< 69.6	184	< 34.5	2461.7	< 34.1	473	< 22.6	< 32.7
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MU-SB07 5 - 7 ft MU-SB07(5-7)-1 2/14/2013 SB64625	MU-SB08 13 - 15 ft MU-SB08(13-15)-1 2/14/2013 SB64625	MU-SB08 5 - 7 ft MU-SB08(5-7)-1 2/14/2013 SB64625	MU-SB09 11 - 13 ft MU-SB09(11-13)-1 2/14/2013 SB64625	MU-SB09 5 - 7 ft MU-SB09(5-7)-1 2/14/2013 SB64625	MU-SB10 12 - 14 ft MU-SB10(12-14)-1 2/14/2013 SB64625	MU-SB10 5 - 7 ft MU-SB10(5-7)-1 2/14/2013 SB64625	MU-SB11 10 - 12 ft MU-SB11(10-12)-1 2/14/2013 SB64625	MU-SB11 5 - 7 ft MU-SB11(5-7)-1 2/14/2013 SB64625	MU-SB12 10 - 11 ft MU-SB12(10-11)-1 2/14/2013 SB64625
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 20.9	< 22.7	171	< 22.6	< 21.5	< 22.0	538	< 21.6	< 23.7	< 21.2
Aroclor 1254	ug/kg	NE	NE	NE	< 20.9	< 22.7	< 22.0	< 22.6	< 21.5	< 22.0	< 22.0	< 21.6	< 23.7	< 21.2
Aroclor 1260	ug/kg	NE	NE	NE	< 20.9	< 22.7	< 22.0	< 22.6	< 21.5	< 22.0	24.2	< 21.6	< 23.7	< 21.2
Aroclor 1262	ug/kg	NE	NE	NE	< 20.9	< 22.7	< 22.0	< 22.6	< 21.5	< 22.0	< 22.0	< 21.6	< 23.7	< 21.2
Aroclor 1268	ug/kg	NE	NE	NE	< 20.9	< 22.7	< 22.0	< 22.6	< 21.5	< 22.0	< 22.0	< 21.6	< 23.7	< 21.2
Total PCB Aroclors	ug/kg	NE	NE	1000	< 20.9	< 22.7	171	< 22.6	< 21.5	< 22.0	562.2	< 21.6	< 23.7	< 21.2
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS								
Aroclor 1248	ug/l	NE	NE	NE	NS	NS								
Aroclor 1260	ug/l	NE	NE	NE	NS	NS								
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS								

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GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MU-SB12 12 - 14 ft MU-SB12(12-14)-1 2/14/2013 SB64625	MU-SB12 5 - 7 ft MU-SB12(5-7)-1 2/14/2013 SB64625	MU-SB13 12 - 13 ft MU-SB13(12-13)-1 2/14/2013 SB64625	MU-SB13 5 - 7 ft MU-SB13(5-7)-1 2/14/2013 SB64625	MU-SB14 13 - 14 ft MU-SB14(13-14)-1 2/14/2013 SB64625	MU-SB14 5 - 7 ft MU-SB14(5-7)-1 2/14/2013 SB64625	MU-SB15 13 - 14 ft MU-SB15(13-14)-1 2/14/2013 SB64625	MU-SB15 5 - 7 ft MU-SB15(5-7)-1 2/14/2013 SB64625	MU-SB16 16 - 17 ft MU-SB16(16-17)-1 2/14/2013 SB64625	MU-SB16 19 - 20 ft MU-SB16(19-20)-1 2/14/2013 SB64625
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 73.4	154	< 21.8	66.9	< 21.8	5650	< 22.5	5100	< 22.2	< 61.5
Aroclor 1254	ug/kg	NE	NE	NE	< 73.4	< 21.7	< 21.8	< 21.9	< 21.8	< 27.4	< 22.5	< 26.5	< 22.2	< 61.5
Aroclor 1260	ug/kg	NE	NE	NE	< 73.4	< 21.7	< 21.8	< 21.9	< 21.8	192	< 22.5	433	< 22.2	< 61.5
Aroclor 1262	ug/kg	NE	NE	NE	< 73.4	< 21.7	< 21.8	< 21.9	< 21.8	< 27.4	< 22.5	< 26.5	< 22.2	< 61.5
Aroclor 1268	ug/kg	NE	NE	NE	< 73.4	< 21.7	< 21.8	< 21.9	< 21.8	< 27.4	< 22.5	< 26.5	< 22.2	< 61.5
Total PCB Aroclors	ug/kg	NE	NE	1000	< 73.4	154	< 21.8	66.9	< 21.8	5842	< 22.5	5533	< 22.2	< 61.5
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS								
Aroclor 1248	ug/l	NE	NE	NE	NS	NS								
Aroclor 1260	ug/l	NE	NE	NE	NS	NS								
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS								

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MU-SB16 5 - 7 ft MU-SB16(5-7)-1 2/14/2013 SB64625	MU-SB17 12.5 - 14.5 ft MU-SB17(12.5-14.5)-1 2/13/2013 SB64625	MU-SB17 5 - 7 ft MU-SB17(5-7)-1 2/13/2013 SB64625	MU-SB18 18.5 - 19.5 ft MU-SB18(18.5-19.5)-1 2/13/2013 SB64625	MU-SB18 5 - 7 ft MU-SB18(5-7)-1 2/13/2013 SB64625	MU-SB19 13 - 15 ft MU-SB19(13-15)-1 2/13/2013 SB64625	MU-SB19 5 - 7 ft MU-SB19(5-7)-1 2/13/2013 SB64625	MU-SB20 13 - 15 ft MU-SB20(13-15)-1 2/13/2013 SB64625	MU-SB20 18 - 20 ft MU-SB20(18-20)-1 2/13/2013 SB64625	MU-SB20 5 - 7 ft MU-SB20(5-7)-1 2/13/2013 SB64625
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	9250	14500	261	1220	5650	< 20.4	246000	< 22.2	< 83.2	2840
Aroclor 1254	ug/kg	NE	NE	NE	< 52.7	< 214	< 20.5	< 22.9	< 210	< 20.4	< 1340	< 22.2	< 83.2	< 24.0
Aroclor 1260	ug/kg	NE	NE	NE	< 52.7	< 214	< 20.5	24.0	< 210	< 20.4	3900	< 22.2	< 83.2	55.2
Aroclor 1262	ug/kg	NE	NE	NE	< 52.7	< 214	< 20.5	< 22.9	< 210	< 20.4	< 1340	< 22.2	< 83.2	< 24.0
Aroclor 1268	ug/kg	NE	NE	NE	421	< 214	< 20.5	< 22.9	< 210	< 20.4	< 1340	< 22.2	< 83.2	< 24.0
Total PCB Aroclors	ug/kg	NE	NE	1000	9671	14500	261	1244	5650	< 20.4	249900	< 22.2	< 83.2	2895.2
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MU-SB21 12 - 12 ft MU-SB21(12-14)-2 2/13/2013 SB64509	MU-SB21 12 - 14 ft MU-SB21(12-14)-1 2/13/2013 SB64509	MU-SB21 5 - 7 ft MU-SB21(5-7)-1 2/13/2013 SB64509	MU-SB22 11 - 13 ft MU-SB22(11-13)-1 2/13/2013 SB64509	MU-SB22 5 - 7 ft MU-SB22(5-7)-1 2/13/2013 SB64509	MU-SB23 11 - 13 ft MU-SB23(11-13)-1 2/13/2013 SB64509	MU-SB23 5 - 7 ft MU-SB23(5-7)-1 2/13/2013 SB64509	MU-SB24 11 - 13 ft MU-SB24(11-13)-1 2/13/2013 SB64509	MU-SB24 13 - 15 ft MU-SB24(13-15)-1 2/13/2013 SB64509	MU-SB24 5 - 7 ft MU-SB24(5-7)-1 2/13/2013 SB64509
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 22.1	< 22.0	4120	< 21.7	34000	45.7	11500	< 22.2	97.9	46500
Aroclor 1254	ug/kg	NE	NE	NE	< 22.1	< 22.0	< 24.3	< 21.7	< 1210	< 21.8	< 495	< 22.2	< 54.4	< 525
Aroclor 1260	ug/kg	NE	NE	NE	< 22.1	< 22.0	119	< 21.7	< 1210	< 21.8	< 495	< 22.2	< 54.4	709
Aroclor 1262	ug/kg	NE	NE	NE	< 22.1	< 22.0	< 24.3	< 21.7	< 1210	< 21.8	< 495	< 22.2	< 54.4	< 525
Aroclor 1268	ug/kg	NE	NE	NE	< 22.1	< 22.0	< 24.3	< 21.7	< 1210	< 21.8	< 495	< 22.2	< 54.4	< 525
Total PCB Aroclors	ug/kg	NE	NE	1000	< 22.1	< 22.0	4239	< 21.7	34000	45.7	11500	< 22.2	97.9	47209
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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NS = Not sampled for this constituent

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ug/l = micrograms per liter

mg/kg = milligrams per kilogram

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MU-SB25 5 - 7 ft MU-SB25(5-7)-1 2/13/2013 SB64509	MU-SB25 8 - 10 ft MU-SB25(8-10)-1 2/13/2013 SB64509	MU-SB26 11 - 13 ft MU-SB26(11-13)-1 2/13/2013 SB64509	MU-SB26 5 - 7 ft MU-SB26(5-7)-1 2/13/2013 SB64509	MU-SB27 11 - 13 ft MU-SB27(11-13)-1 2/13/2013 SB64509	MU-SB27 5 - 7 ft MU-SB27(5-7)-1 2/13/2013 SB64509	MU-SB28 12 - 14 ft MU-SB28(12-14)-1 2/13/2013 SB64509	MU-SB28 14 - 15 ft MU-SB28(14-15)-1 2/13/2013 SB64509	MU-SB28 5 - 7 ft MU-SB28(5-7)-1 2/13/2013 SB64509	MU-SB29 11.5 - 13.5 ft MU-SB29(11.5-13.5)-1 2/13/2013 SB64509
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	6040	< 22.6	< 21.6	37100	575	5840	< 22.2	< 48.1	153000	< 22.1
Aroclor 1254	ug/kg	NE	NE	NE	< 28.2	< 22.6	< 21.6	< 478	< 22.7	< 235	< 22.2	< 48.1	< 2470	< 22.1
Aroclor 1260	ug/kg	NE	NE	NE	667	< 22.6	< 21.6	597	< 22.7	< 235	< 22.2	< 48.1	2470	< 22.1
Aroclor 1262	ug/kg	NE	NE	NE	< 28.2	< 22.6	< 21.6	< 478	< 22.7	< 235	< 22.2	< 48.1	< 2470	< 22.1
Aroclor 1268	ug/kg	NE	NE	NE	< 28.2	< 22.6	< 21.6	< 478	< 22.7	< 235	< 22.2	< 48.1	< 2470	< 22.1
Total PCB Aroclors	ug/kg	NE	NE	1000	6707	< 22.6	< 21.6	37697	575	5840	< 22.2	< 48.1	155470	< 22.1
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MU-SB29 5 - 7 ft MU-SB29(5-7)-1 2/13/2013 SB64509	MU-SB30 11 - 13 ft MU-SB30(11-13)-1 2/13/2013 SB64509	MU-SB30 5 - 7 ft MU-SB30(5-7)-1 2/13/2013 SB64509	MU-SB31 11 - 13 ft MU-SB31(11-13)-1 2/13/2013 SB64509	MU-SB31 5 - 7 ft MU-SB31(5-7)-1 2/13/2013 SB64509	MU-SB32 14 - 15 ft MU-SB32(14-15)-1 2/13/2013 SB64509	MU-SB32 5 - 7 ft MU-SB32(5-7)-1 2/13/2013 SB64509	MU-SB32 8 - 10 ft MU-SB32(8-10)-1 2/13/2013 SB64509	MU-SB33 12 - 14 ft MU-SB33(12-14)-1 2/13/2013 SB64509	MU-SB33 5 - 7 ft MU-SB33(5-7)-1 2/13/2013 SB64509
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	16100	< 21.2	21300	101	3610	< 50.8	10200	< 21.8	< 31.4	263000
Aroclor 1254	ug/kg	NE	NE	NE	< 242	< 21.2	< 239	< 27.0	< 498	< 50.8	< 245	< 21.8	< 31.4	< 4670
Aroclor 1260	ug/kg	NE	NE	NE	797	< 21.2	513	< 27.0	< 498	< 50.8	405	< 21.8	< 31.4	4670
Aroclor 1262	ug/kg	NE	NE	NE	< 242	< 21.2	< 239	< 27.0	< 498	< 50.8	< 245	< 21.8	< 31.4	< 4670
Aroclor 1268	ug/kg	NE	NE	NE	< 242	< 21.2	< 239	< 27.0	< 498	< 50.8	< 245	< 21.8	< 31.4	< 4670
Total PCB Aroclors	ug/kg	NE	NE	1000	16897	< 21.2	21813	101	3610	< 50.8	10605	< 21.8	< 31.4	267670
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	MU-SB34 5 - 7 ft MU-SB34(5-7)-2 2/13/2013 SB64509	MU-SB34 5 - 7 ft MU-SB34(5-7)-1 2/13/2013 SB64509	MU-SB34 8 - 10 ft MU-SB34(8-10)-1 2/13/2013 SB64509	MU-SB35 5 - 7 ft MU-SB35(5-7)-1 2/13/2013 SB64509	MU-SB35 8 - 10 ft MU-SB35(8-10)-1 2/13/2013 SB64509	NORTH-B1 0.5 - 1 ft NORTH-B1 (0.5-1)-1 9/22/2020 20I1121	NORTH-B1 2 - 3 ft NORTH-B1 (2-3)-1 9/22/2020 20I1121	NORTH-B1 5 - 7 ft NORTH-B1 (5-7)-1 10/9/2020 20J0524	NORTH-B2 0 - 0.25 ft NORTH-B2 (0-0.25)-1 9/22/2020 20J0864	NORTH-B2 0.5 - 1 ft NORTH-B2 (0.5-1)-1 9/22/2020 20I1121
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	63400	67600	33.4	9270	< 21.6	< 86	710	1000	< 83	1000
Aroclor 1254	ug/kg	NE	NE	NE	< 1140	< 1240	< 21.6	< 299	< 21.6	< 86	< 89	< 89	100	< 86
Aroclor 1260	ug/kg	NE	NE	NE	2290	< 1240	< 21.6	463	< 21.6	< 86	< 89	< 89	< 83	< 86
Aroclor 1262	ug/kg	NE	NE	NE	< 1140	< 1240	< 21.6	< 299	< 21.6	< 86	< 89	< 89	< 83	< 86
Aroclor 1268	ug/kg	NE	NE	NE	< 1140	< 1240	< 21.6	< 299	< 21.6	< 86	< 89	< 89	< 83	< 86
Total PCB Aroclors	ug/kg	NE	NE	1000	65690	67600	33.4	9733	< 21.6	< 86	710	1000	100	1000
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

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RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	NORTH-B2 2 - 3 ft NORTH-B2 (2-3)-1 9/22/2020 20I1121	NORTH-B3 0.5 - 1 ft NORTH-B3 (0.5-1)-1 9/22/2020 20I1121	NORTH-B3 2 - 3 ft NORTH-B3 (2-3)-1 9/22/2020 20I1121	NORTH-B4 2 - 4 ft NORTH-B4 (2-4)-1 9/22/2020 20I1121	NORTH-B4 2 - 4 ft NORTH-B4 (2-4)-2 9/22/2020 20I1121	O12-SB238 0.5 - 1 ft O12-SB238 (0.5-1)-1 12/28/2011 SB41720	O12-SB238 2.5 - 3 ft O12-SB238 (2.5-3)-1 12/28/2011 SB41720	O12-SB238 3 - 3.5 ft O12-SB238 (3-3.5)-1 12/28/2011 SB41720	O12-SS199 0 - 0.25 ft O12-SS199 0-3 8/12/2011 SB33374	O12-SS23 0 - 0.5 ft O12-SS23-080511 8/5/2011 SB32945
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	5100	500	220	4100	4200	< 23.0 U	307	< 20.9 U	< 20.0 U	< 22.3 U
Aroclor 1254	ug/kg	NE	NE	NE	< 880	< 87	< 88	< 870	< 870	< 23.0 U	< 22.6 U	< 20.9 U	< 20.0 U	< 22.3 U
Aroclor 1260	ug/kg	NE	NE	NE	< 880	< 87	< 88	< 870	< 870	< 23.0 U	22.6	< 20.9 U	< 20.0 U	< 22.3 U
Aroclor 1262	ug/kg	NE	NE	NE	< 880	< 87	< 88	< 870	< 870	< 23.0 U	< 22.6 U	< 20.9 U	< 20.0 U	< 22.3 U
Aroclor 1268	ug/kg	NE	NE	NE	< 880	< 87	< 88	< 870	< 870	< 23.0 U	< 22.6 U	< 20.9 U	< 20.0 U	< 22.3 U
Total PCB Aroclors	ug/kg	NE	NE	1000	5100	500	220	4100	4200	< 23.0 U	330	< 20.9 U	< 20.0 U	< 22.3 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 0.2 U	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 0.2 U	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 0.2 U	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	< 0.2 U	NS	NS	NS

Notes:

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GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	P10-SS206 0 - 0.25 ft P10-SS206 0-3 8/12/2011 SB33374	P11-SB413 1 - 2 ft P11-SB413(1-2)-062912-1 6/29/2012 SB52073	P11-SB413 11.5 - 12.5 ft 1-SB413(11.5-12.5)-062912-1 6/29/2012 SB52073	P11-SB413 4 - 5 ft P11-SB413(4-5)-062912-1 6/29/2012 SB52073	P11-SS201 0 - 0.25 ft P11-SS201 0-3 8/12/2011 SB33374	P11-SS225 0 - 0.25 ft P11-SS225 0-3 8/12/2011 SB33374	P12-SS198 0 - 0.25 ft P12-SS198 0-3 8/12/2011 SB33374	P13-SS188 0 - 0.25 ft P13-SS188 0-3 8/12/2011 SB33374	P13-SS190 0 - 0.25 ft P13-SS190 0-3 8/12/2011 SB33374	P20-SS24 0 - 0.5 ft P20-SS24-080511 8/5/2011 SB32945
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 23.2 U	< 22.2 U	< 31.4 U	< 20.6 U	< 22.0 U	< 19.8 U	< 24.9 U	< 19.8 U	< 23.1 U	< 22.0 U
Aroclor 1254	ug/kg	NE	NE	NE	< 23.2 U	34.4	< 31.4 U	< 20.6 U	< 22.0 U	< 19.8 U	< 24.9 U	< 19.8 U	< 23.1 U	< 22.0 U
Aroclor 1260	ug/kg	NE	NE	NE	< 23.2 U	< 22.2 U	< 31.4 U	< 20.6 U	< 22.0 U	< 19.8 U	< 24.9 U	< 19.8 U	< 23.1 U	< 22.0 U
Aroclor 1262	ug/kg	NE	NE	NE	< 23.2 U	< 22.2 U	< 31.4 U	< 20.6 U	< 22.0 U	< 19.8 U	< 24.9 U	< 19.8 U	< 23.1 U	< 22.0 U
Aroclor 1268	ug/kg	NE	NE	NE	< 23.2 U	< 22.2 U	< 31.4 U	< 20.6 U	< 22.0 U	< 19.8 U	< 24.9 U	< 19.8 U	< 23.1 U	< 22.0 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 23.2 U	34.4	< 31.4 U	< 20.6 U	< 22.0 U	< 19.8 U	< 24.9 U	< 19.8 U	< 23.1 U	< 22.0 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
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Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	P7-SB239 0.7 - 4 ft P7-SB239 (.70-4)-2 12/28/2011 SB41720	P7-SB239 0.7 - 4 ft P7-SB239 (.70-4)-1 12/28/2011 SB41720	P7-SB239 4 - 5 ft P7-SB239 (4-5)-1 12/28/2011 SB41720	P7-SB239 7 - 8 ft P7-SB239 (7-8)-1 12/28/2011 SB41720	P8-SS220 0 - 0.25 ft P8-SS220 0-3 8/12/2011 SB33374	P9-SB290 1.5 - 2.5 ft P9-SB290(1.5-2.5)-021412-1 2/14/2012 SB43969	P9-SB290 5 - 6 ft P9-SB290(5-6)-021412-1 2/14/2012 SB43969	P9-SS213 0 - 0.25 ft DUP-14 8/12/2011 SB33374	P9-SS213 0 - 0.25 ft P9-SS213 0-3 8/12/2011 SB33374	PCB-17 2 - 2 ft PCB-17-072215-1 7/22/2015 GBJ62073
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 24.5 U	< 28.3 U	< 20.7 U	< 21.6 U	< 22.3 U	< 24.3 U	< 24.3 U	< 23.0 U	< 23.7 U	860
Aroclor 1254	ug/kg	NE	NE	NE	< 24.5 U	< 28.3 U	< 20.7 U	< 21.6 U	< 22.3 U	< 24.3 U	< 24.3 U	< 23.0 U	< 23.7 U	< 400
Aroclor 1260	ug/kg	NE	NE	NE	< 24.5 U	< 28.3 U	< 20.7 U	< 21.6 U	< 22.3 U	< 24.3 U	< 24.3 U	< 23.0 U	< 23.7 U	< 400
Aroclor 1262	ug/kg	NE	NE	NE	< 24.5 U	< 28.3 U	< 20.7 U	< 21.6 U	< 22.3 U	< 24.3 U	< 24.3 U	< 23.0 U	< 23.7 U	< 400
Aroclor 1268	ug/kg	NE	NE	NE	< 24.5 U	< 28.3 U	< 20.7 U	< 21.6 U	< 22.3 U	< 24.3 U	< 24.3 U	< 23.0 U	< 23.7 U	< 400
Total PCB Aroclors	ug/kg	NE	NE	1000	< 24.5 U	< 28.3 U	< 20.7 U	< 21.6 U	< 22.3 U	117	372	< 23.0 U	< 23.7 U	860
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Yellow highlighted cells exceed the 2013 GA PMC

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	PCB-18 2 - 2 ft PCB-18-072215-1 7/22/2015 GBJ62073	PCB-19 2 - 2 ft PCB-19-072215-1 7/22/2015 GBJ62073	PCB-20 2 - 2 ft PCB-20-072215-1 7/22/2015 GBJ62073	PCB-20 2 - 2 ft PCB-20-072215-2 7/22/2015 GBJ62073	PCB-21 2 - 2 ft PCB-21-072215-1 7/22/2015 GBJ62073	PCB-22 2 - 2 ft PCB-22-072215-1 7/22/2015 GBJ62073	PCB-23 2 - 2 ft PCB-23-072215-1 7/22/2015 GBJ62073	PCB-24 2 - 2 ft PCB-24-072215-1 7/22/2015 GBJ62073	PCB-25 2 - 2 ft PCB-25-072215-1 7/22/2015 GBJ62073	PCB-26 2 - 2 ft PCB-26-072215-1 7/22/2015 GBJ62073
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	900	1700	1600	1800	2300	1300	830	2100	1300	2100
Aroclor 1254	ug/kg	NE	NE	NE	< 380	< 390	< 370	< 370	< 380	< 380	< 360	< 370	< 340	< 380
Aroclor 1260	ug/kg	NE	NE	NE	< 380	< 390	< 370	< 370	< 380	< 380	< 360	< 370	< 340	< 380
Aroclor 1262	ug/kg	NE	NE	NE	< 380	< 390	< 370	< 370	< 380	< 380	< 360	< 370	< 340	< 380
Aroclor 1268	ug/kg	NE	NE	NE	< 380	< 390	< 370	< 370	< 380	< 380	< 360	< 370	< 340	< 380
Total PCB Aroclors	ug/kg	NE	NE	1000	900	1700	1600	1800	2300	1300	830	2100	1300	2100
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS									
Aroclor 1248	ug/l	NE	NE	NE	NS									
Aroclor 1260	ug/l	NE	NE	NE	NS									
Total PCB Aroclors	ug/l	0.5	5	NE	NS									

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	PCB-27 2 - 2 ft PCB-27-072215-1 7/22/2015 GBJ62073	PCB-28 2 - 2 ft PCB-28-072215-1 7/22/2015 GBJ62073	PCB-29 2 - 2 ft PCB-29-072215-1 7/22/2015 GBJ62073	PCB-5 2 - 2 ft PCB-5-080615-1 8/6/2015 GBJ69768	PCB-5 2 - 2 ft PCB-5-080615-2 8/6/2015 GBJ69768	PCB-6 2 - 2 ft PCB-6-080615-1 8/6/2015 GBJ69768	PCB-7 2 - 2 ft PCB-7-080615-1 8/6/2015 GBJ69768	PLB-1 2 - 2 ft PLB-1-082115-1 8/21/2015 GBJ79558	PLB-10 2 - 2 ft PLB-10-072915-1 7/29/2015 GBJ66240	PLB-11 2 - 2 ft PLB-11-072915-1 7/29/2015 GBJ66240
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	3300	< 370	< 3700	14000	16000	14000	36000	630	2400	3700
Aroclor 1254	ug/kg	NE	NE	NE	< 380	< 370	< 3700	< 1800	< 1800	< 1800	< 3500	< 460	< 330	< 330
Aroclor 1260	ug/kg	NE	NE	NE	< 380	< 370	< 3700	< 1800	< 1800	< 1800	< 3500	< 460	< 330	< 330
Aroclor 1262	ug/kg	NE	NE	NE	< 380	< 370	< 3700	< 1800	< 1800	< 1800	< 3500	< 460	< 330	< 330
Aroclor 1268	ug/kg	NE	NE	NE	< 380	< 370	< 3700	< 1800	< 1800	< 1800	< 3500	< 460	< 330	< 330
Total PCB Aroclors	ug/kg	NE	NE	1000	3300	4400	14000	14000	16000	14000	36000	630	2400	3700
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Yellow highlighted cells exceed the 2013 GA PMC

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	PLB-12 2 - 2 ft PLB-12-072915-1 7/29/2015 GBJ66240	PLB-13 2 - 2 ft PLB-13-072915-1 7/29/2015 GBJ66240	PLB-14 2 - 2 ft PLB-14-072915-1 7/29/2015 GBJ66240	PLB-15 2 - 2 ft PLB-15-072915-1 7/29/2015 GBJ66240	PLB-16 2 - 2 ft PLB-16-072915-1 7/29/2015 GBJ66240	PLB-2 2 - 2 ft PLB-2-082115-1 8/21/2015 GBJ79558	PLB-3 2 - 2 ft PLB-3-082115-1 8/21/2015 GBJ79558	PLB-4A 2 - 2 ft PLB-4A-082115-1 8/21/2015 GBJ79558	PLB-4B 2 - 2 ft PLB-4B-082115-1 8/21/2015 GBJ79558	PLB-4C 2 - 2 ft PLB-4C-082115-1 8/21/2015 GBJ79558
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	7100	1500	1200	460	950	430	1300	1400	1300	1800
Aroclor 1254	ug/kg	NE	NE	NE	< 1700	< 330	< 330	< 350	< 360	< 420	< 390	< 390	< 390	< 420
Aroclor 1260	ug/kg	NE	NE	NE	< 1700	< 330	< 330	< 350	< 360	< 420	< 390	< 390	< 390	< 420
Aroclor 1262	ug/kg	NE	NE	NE	< 1700	< 330	< 330	< 350	< 360	< 420	< 390	< 390	< 390	< 420
Aroclor 1268	ug/kg	NE	NE	NE	< 1700	< 330	< 330	< 350	< 360	< 420	< 390	< 390	< 390	< 420
Total PCB Aroclors	ug/kg	NE	NE	1000	7100	1500	1200	460	950	430	1300	1400	1300	1800
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	PLB-8-1 2 - 2 ft PLB-8-072915-1 7/29/2015 GBJ66240	PLB-9-1 2 - 2 ft PLB-9-072915-1 7/29/2015 GBJ66240	PL-UTIL-1 2 - 2 ft PL-UTIL-1-1 7/28/2015 GBJ64837	PL-UTIL-10 2 - 2 ft PL-UTIL-10-1 7/28/2015 GBJ64837	PL-UTIL-11 2 - 2 ft PL-UTIL-11-1 7/28/2015 GBJ64837	PL-UTIL-12 2 - 2 ft PL-UTIL-12-1 7/28/2015 GBJ64837	PL-UTIL-13 2 - 2 ft PL-UTIL-13-1 7/28/2015 GBJ64837	PL-UTIL-14 2 - 2 ft PL-UTIL-14-1 7/28/2015 GBJ64837	PL-UTIL-15 2 - 2 ft PL-UTIL-15-1 7/28/2015 GBJ64837	PL-UTIL-16 2 - 2 ft PL-UTIL-16-1 7/28/2015 GBJ64837
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	3600	2700	13000	9500	< 350	< 350	< 360	< 360	< 370	600
Aroclor 1254	ug/kg	NE	NE	NE	< 330	< 330	< 3600	< 3600	< 350	< 350	< 360	< 360	< 370	< 380
Aroclor 1260	ug/kg	NE	NE	NE	< 330	< 330	< 3600	< 3600	< 350	< 350	< 360	< 360	< 370	< 380
Aroclor 1262	ug/kg	NE	NE	NE	< 330	< 330	< 3600	< 3600	< 350	< 350	< 360	< 360	< 370	< 380
Aroclor 1268	ug/kg	NE	NE	NE	< 330	< 330	< 3600	< 3600	< 350	< 350	< 360	< 360	< 370	< 380
Total PCB Aroclors	ug/kg	NE	NE	1000	3600	2700	13000	9500	< 350	< 350	< 360	< 360	< 370	600
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	PL-UTIL-17 2 - 2 ft PL-UTIL-17-1 7/28/2015 GBJ64837	PL-UTIL-18 2 - 2 ft PL-UTIL-18-1 7/28/2015 GBJ64837	PL-UTIL-19 2 - 2 ft PL-UTIL-19-1 7/28/2015 GBJ64837	PL-UTIL-2 2 - 2 ft PL-UTIL-2-1 7/28/2015 GBJ64837	PL-UTIL-20 2 - 2 ft PL-UTIL-20-2 7/28/2015 GBJ64837	PL-UTIL-20 2 - 2 ft PL-UTIL-20-1 7/28/2015 GBJ64837	PL-UTIL-21 2 - 2 ft PL-UTIL-21-1 7/28/2015 GBJ64837	PL-UTIL-22 2 - 2 ft PL-UTIL-22-1 7/29/2015 GBJ66240	PL-UTIL-23 2 - 2 ft PL-UTIL-23-1 7/29/2015 GBJ66240	PL-UTIL-24 2 - 2 ft PL-UTIL-24-1 7/29/2015 GBJ66240
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	2000	1300	15000	34000	4100	9000	480	12000	720	3700
Aroclor 1254	ug/kg	NE	NE	NE	< 380	< 370	< 1800	< 18000	< 380	< 1900	< 360	< 1800	< 360	< 360
Aroclor 1260	ug/kg	NE	NE	NE	< 380	< 370	< 1800	< 18000	< 380	< 1900	< 360	< 1800	< 360	< 360
Aroclor 1262	ug/kg	NE	NE	NE	< 380	< 370	< 1800	< 18000	< 380	< 1900	< 360	< 1800	< 360	< 360
Aroclor 1268	ug/kg	NE	NE	NE	< 380	< 370	< 1800	< 18000	< 380	< 1900	< 360	< 1800	< 360	< 360
Total PCB Aroclors	ug/kg	NE	NE	1000	2000	1300	15000	34000	4100	9000	480	12000	720	3700
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	PL-UTIL-3 2 - 2 ft PL-UTIL-3-1 7/28/2015 GBJ64837	PL-UTIL-4 2 - 2 ft PL-UTIL-4-1 7/28/2015 GBJ64837	PL-UTIL-5 2 - 2 ft PL-UTIL-5-1 7/28/2015 GBJ64837	PL-UTIL-6 2 - 2 ft PL-UTIL-6-1 7/28/2015 GBJ64837	PL-UTIL-7 2 - 2 ft PL-UTIL-7-1 7/28/2015 GBJ64837	PL-UTIL-8 2 - 2 ft PL-UTIL-8-1 7/28/2015 GBJ64837	PL-UTIL-9 2 - 2 ft PL-UTIL-9-1 7/28/2015 GBJ64837	Q10-SB411 1 - 2 ft Q10-SB411(1-2)-062812-1 6/28/2012 SB51990	Q10-SB411 11.5 - 12.5 ft 0-SB411(11.5-12.5)-062812-1 6/28/2012 SB51990	Q10-SB411 4 - 5 ft Q10-SB411(4-5)-062812-1 6/28/2012 SB51990
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	3300	2700	4700	3500	1100	< 340	< 340	< 19.6 U	< 28.8 U	< 21.4 U
Aroclor 1254	ug/kg	NE	NE	NE	< 350	< 350	< 370	< 350	< 340	< 340	< 340	< 19.6 U	< 28.8 U	< 21.4 U
Aroclor 1260	ug/kg	NE	NE	NE	< 350	< 350	< 370	< 350	< 340	< 340	< 340	< 19.6 U	< 28.8 U	< 21.4 U
Aroclor 1262	ug/kg	NE	NE	NE	< 350	< 350	< 370	< 350	< 340	< 340	< 340	< 19.6 U	< 28.8 U	< 21.4 U
Aroclor 1268	ug/kg	NE	NE	NE	< 350	< 350	< 370	< 350	< 340	< 340	< 340	< 19.6 U	< 28.8 U	< 21.4 U
Total PCB Aroclors	ug/kg	NE	NE	1000	3300	2700	4700	3500	1100	< 340	< 340	< 19.6 U	< 28.8 U	< 21.4 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS							
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS							
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS							
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS							

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
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 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	Q10-SS27 0 - 0.25 ft Q10-SS27 0-3 8/12/2011 SB33374	Q10-SS27 0 - 0.5 ft Q10-SS27-080411 8/4/2011 SB32875	Q11-SS200 0 - 0.25 ft Q11-SS200 0-3 8/12/2011 SB33374	Q12-SB419 11.5 - 12.5 ft 2-SB419(11.5-12.5)-070212 7/2/2012 SB52216	Q12-SB419 11.5 - 12.5 ft 2-SB419(11.5-12.5)-070212 7/2/2012 SB52216	Q12-SB419 4 - 5 ft Q12-SB419(4-5)-070212-1 7/2/2012 SB52216	Q12-SB419 8 - 10 ft Q12-SB419(8-10)-070212-1 7/2/2012 SB52216	Q12-SS28 0 - 0.5 ft Q12-SS28 8/4/2011 SB32875	Q12-SS28 0 - 0.5 ft DUPLICATE-5-080411 8/4/2011 SB32875	Q14-SB414 11.5 - 12.5 ft 4-SB414(11.5-12.5)-062912 6/29/2012 SB52073
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 25.9 U	249	< 22.6 U	< 20.9 U	< 21.7 U	< 20.6 U	< 22.1 U	< 23.5 U	< 24.1 U	< 23.4 U
Aroclor 1254	ug/kg	NE	NE	NE	< 25.9 U	< 23.3 U	< 22.6 U	< 20.9 U	< 21.7 U	< 20.6 U	< 22.1 U	< 23.5 U	< 24.1 U	< 23.4 U
Aroclor 1260	ug/kg	NE	NE	NE	< 25.9 U	< 23.3 U	< 22.6 U	< 20.9 U	< 21.7 U	< 20.6 U	< 22.1 U	< 23.5 U	< 24.1 U	< 23.4 U
Aroclor 1262	ug/kg	NE	NE	NE	< 25.9 U	< 23.3 U	< 22.6 U	< 20.9 U	< 21.7 U	< 20.6 U	< 22.1 U	< 23.5 U	< 24.1 U	< 23.4 U
Aroclor 1268	ug/kg	NE	NE	NE	< 25.9 U	< 23.3 U	< 22.6 U	< 20.9 U	< 21.7 U	< 20.6 U	< 22.1 U	< 23.5 U	< 24.1 U	< 23.4 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 25.9 U	249	< 22.6 U	< 20.9 U	< 21.7 U	< 20.6 U	< 22.1 U	< 23.5 U	< 24.1 U	< 23.4 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

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mg/kg = milligrams per kilogram

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	Q14-SB414 2 - 3 ft Q14-SB414(2-3)-062912-1 6/29/2012 SB52073	Q14-SB414 5.5 - 6.5 ft Q14-SB414(5.5-6.5)-062912-1 6/29/2012 SB52073	Q14-SS187 0 - 0.25 ft Q14-SS187 0-3 8/12/2011 SB33374	Q14-SS224 0 - 0.25 ft Q14-SS224 0-3 8/12/2011 SB33374	Q14-SS29 0 - 0.5 ft Q14-SS29-080411 8/4/2011 SB32875	Q6-SS25 0 - 0.5 ft Q6-SS25-080411 8/4/2011 SB32875	Q7-SS221 0 - 0.25 ft Q7-SS221 0-3 8/12/2011 SB33374	Q8-SB412 11.5 - 12.5 ft Q8-SB412(11.5-12.5)-062912-1 6/29/2012 SB52073	Q8-SB412 2 - 3 ft Q8-SB412(2-3)-062912-1 6/29/2012 SB52073	Q8-SB412 4 - 5 ft Q8-SB412(4-5)-062912-1 6/29/2012 SB52073
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 27.4 U	< 23.9 U	< 19.3 U	< 19.5 U	< 21.7 U	< 25.7 U	< 21.2 U	< 24.1 U	6340	< 47.2 U
Aroclor 1254	ug/kg	NE	NE	NE	< 27.4 U	< 23.9 U	< 19.3 U	< 19.5 U	< 21.7 U	< 25.7 U	< 21.2 U	< 24.1 U	< 211 U	< 23.6 U
Aroclor 1260	ug/kg	NE	NE	NE	< 27.4 U	< 23.9 U	< 19.3 U	< 19.5 U	< 21.7 U	< 25.7 U	< 21.2 U	< 24.1 U	242	< 23.6 U
Aroclor 1262	ug/kg	NE	NE	NE	< 27.4 U	< 23.9 U	< 19.3 U	< 19.5 U	< 21.7 U	< 25.7 U	< 21.2 U	< 24.1 U	< 211 U	< 23.6 U
Aroclor 1268	ug/kg	NE	NE	NE	< 27.4 U	< 23.9 U	< 19.3 U	< 19.5 U	< 21.7 U	< 25.7 U	< 21.2 U	< 24.1 U	< 211 U	< 23.6 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 27.4 U	< 23.9 U	< 19.3 U	< 19.5 U	< 21.7 U	< 25.7 U	< 21.2 U	< 24.1 U	6580	< 47.2 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

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ug/kg = micrograms per kilogram

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U = The analyte was not detected above the detection limit

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	Q8-SS26 0 - 0.5 ft Q8-SS26-080411 8/4/2011 SB32875	Q9-SS212 0 - 0.25 ft Q9-SS212 0-3 8/12/2011 SB33374	R10-SS205 0 - 0.25 ft R10-SS205 0-3 8/12/2011 SB33374	R11-SS147 0 - 0.5 ft R11-SS147-080511 8/5/2011 SB32945	R12-SS191 0 - 0.25 ft R12-SS191 0-3 8/12/2011 SB33374	R12-SS197 0 - 0.25 ft R12-SS197 0-3 8/12/2011 SB33374	R13-SS189 0 - 0.25 ft R13-SS189 0-3 8/12/2011 SB33374	R15-SS186 0 - 0.25 ft R15-SS186 0-3 8/12/2011 SB33374	R15-SS186 0 - 0.25 ft DUPLICATE-15 8/12/2011 SB33374	R8-SS218 0 - 0.25 ft R8-SS218 0-3 8/12/2011 SB33374
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 22.5 U	< 26.3 U	< 25.6 U	< 22.3 U	< 21.5 U	< 26.7 U	< 25.2 U	< 19.6 U	< 21.3 U	< 24.9 U
Aroclor 1254	ug/kg	NE	NE	NE	< 22.5 U	< 26.3 U	< 25.6 U	< 22.3 U	< 21.5 U	< 26.7 U	< 25.2 U	< 19.6 U	< 21.3 U	< 24.9 U
Aroclor 1260	ug/kg	NE	NE	NE	< 22.5 U	< 26.3 U	< 25.6 U	< 22.3 U	< 21.5 U	< 26.7 U	< 25.2 U	< 19.6 U	< 21.3 U	< 24.9 U
Aroclor 1262	ug/kg	NE	NE	NE	< 22.5 U	< 26.3 U	< 25.6 U	< 22.3 U	< 21.5 U	< 26.7 U	< 25.2 U	< 19.6 U	< 21.3 U	< 24.9 U
Aroclor 1268	ug/kg	NE	NE	NE	< 22.5 U	< 26.3 U	< 25.6 U	< 22.3 U	< 21.5 U	< 26.7 U	< 25.2 U	< 19.6 U	< 21.3 U	< 24.9 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 22.5 U	< 26.3 U	< 25.6 U	< 22.3 U	< 21.5 U	< 26.7 U	< 25.2 U	< 19.6 U	< 21.3 U	< 24.9 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	R9-SS210 0 - 0.25 ft R9-SS210 0-3 8/12/2011 SB33374	R9-SS211 0 - 0.25 ft R9-SS211 0-3 8/12/2011 SB33374	RA07-AA00-B 0.5 - 0.5 ft RA07-AA00-B(0.5)-1 7/29/2020 20G1429	RA07-AAN01-B 0.5 - 0.5 ft RA07-AAN01-B(0.5)-1 7/29/2020 20G1429	RA07-AAN02-B 0.5 - 0.5 ft RA07-AAN02-B(0.5)-1 7/29/2020 20G1429	RA07-AAN03-B 0.5 - 0.5 ft RA07-AAN03-B(0.5)-1 7/29/2020 20G1429	RA07-AAN04-B 0.5 - 0.5 ft RA07-AAN04-B(0.5)-1 7/29/2020 20G1429	RA07-AAS01-B 0.5 - 0.5 ft RA07-AAS01-B(0.5)-1 7/29/2020 20G1429	RA07-AAS02-B 0.5 - 0.5 ft RA07-AAS02-B(0.5)-1 7/29/2020 20G1429	RA07-AAS03-B 0.5 - 0.5 ft RA07-AAS03-B(0.5)-1 7/29/2020 20G1429
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	43.5	54.1	240	88	86	110	440	110	430	390
Aroclor 1254	ug/kg	NE	NE	NE	< 23.4 U	< 23.2 U	150	< 87	< 81	140	300	130	260	190
Aroclor 1260	ug/kg	NE	NE	NE	< 23.4 U	< 23.2 U	< 89	< 87	< 81	< 90	< 86	< 89	< 87	< 86
Aroclor 1262	ug/kg	NE	NE	NE	< 23.4 U	< 23.2 U	< 89	< 87	< 81	< 90	< 86	< 89	< 87	< 86
Aroclor 1268	ug/kg	NE	NE	NE	< 23.4 U	< 23.2 U	< 89	< 87	< 81	< 90	< 86	< 89	< 87	< 86
Total PCB Aroclors	ug/kg	NE	NE	1000	43.5	54.1	390	88	86	250	740	240	690	580
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	RA07-AAS03-B 0.5 - 0.5 ft RA07-AAS03-B(0.5)-2 7/29/2020 20G1429	RA07-AAS04-B 0.5 - 0.5 ft RA07-AAS04-B(0.5)-1 7/29/2020 20G1429	RA07-E2A-AA00-B 0.5 - 0.5 ft RA07-E2A-AA00-B(0.5)-1 8/12/2020 20H0653	RA07-E2A-AAS01-B 0.5 - 0.5 ft RA07-E2A-AAS01-B(0.5)-1 8/12/2020 20H0653	RA07-E2A-NS1 0.25 - 0.25 ft RA07-E2A-NS1(0.25)-1 8/12/2020 20H0653	RA07-E2B-AA00-B 0.5 - 0.5 ft RA07-E2B-AA00-B(0.5)-1 8/12/2020 20H0675	RA07-E2B-AAN01-B 0.5 - 0.5 ft RA07-E2B-AAN01-B(0.5)-1 8/12/2020 20H0675	RA07-E2B-AAS01-B 0.5 - 0.5 ft RA07-E2B-AAS01-B(0.5)-1 8/12/2020 20H0675	RA07-E2B-SS1 0.25 - 0.25 ft RA07-E2B-SS1(0.25)-1 8/12/2020 20H0675	RA07-E2B-SS1 0.25 - 0.25 ft RA07-E2B-SS1(0.25)-2 8/12/2020 20H0675
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	380	310	270	< 87	350	270	150	160	160	340
Aroclor 1254	ug/kg	NE	NE	NE	230	210	< 88	160	< 89	< 89	< 94	< 93	< 82	< 85
Aroclor 1260	ug/kg	NE	NE	NE	< 88	< 92	< 88	< 87	< 89	< 89	< 94	< 93	< 82	< 85
Aroclor 1262	ug/kg	NE	NE	NE	< 88	< 92	< 88	< 87	< 89	< 89	< 94	< 93	< 82	< 85
Aroclor 1268	ug/kg	NE	NE	NE	< 88	< 92	< 88	< 87	< 89	< 89	< 94	< 93	< 82	< 85
Total PCB Aroclors	ug/kg	NE	NE	1000	610	520	270	160	350	270	150	160	160	340
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

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Yellow highlighted cells exceed the 2013 GA PMC

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Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

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J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	RA07-NS1 RA07-NS1(0.25)-1 7/29/2020 20G1429	RA07-SS-1 0.25 - 0.25 ft RA07-SS-1(0.25)-1 7/29/2020 20G1429	S10-SS204 0 - 0.25 ft S10-SS204 0-3 8/12/2011 SB33374	S11-SB420 14 - 15 ft S11-SB420(14-15)070212-1 7/2/2012 SB52216	S11-SB420 2 - 3 ft S11-SB420(2-3)070212-1 7/2/2012 SB52216	S11-SB420 3 - 4 ft S11-SB420(3-4)070212-1 7/2/2012 SB52216	S11-SS33 0 - 0.5 ft S11-SS33-080411 8/4/2011 SB32875	S12-SS196 0 - 0.25 ft S12-SS196 0-3 8/12/2011 SB33374	S13 1.5 - 2 ft S13 (1.5-2)-1 9/16/2020 20I0847	S13-SS34 0 - 0.5 ft S13-SS34-080411 8/4/2011 SB32875
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	670	3500	36.4	< 25.5 U	< 19.7 U	4540	< 20.9 U	< 24.2 U	1300	< 24.0 U
Aroclor 1254	ug/kg	NE	NE	NE	400	1500	< 24.8 U	< 25.5 U	27.6	< 228 U	< 20.9 U	< 24.2 U	< 86	< 24.0 U
Aroclor 1260	ug/kg	NE	NE	NE	< 84	< 430	30.1	< 25.5 U	< 19.7 U	< 228 U	< 20.9 U	< 24.2 U	< 86	< 24.0 U
Aroclor 1262	ug/kg	NE	NE	NE	< 84	< 430	< 24.8 U	< 25.5 U	< 19.7 U	< 228 U	< 20.9 U	< 24.2 U	< 86	< 24.0 U
Aroclor 1268	ug/kg	NE	NE	NE	< 84	< 430	< 24.8 U	< 25.5 U	< 19.7 U	< 228 U	< 20.9 U	< 24.2 U	< 86	< 24.0 U
Total PCB Aroclors	ug/kg	NE	NE	1000	1070	5000	66.5	< 25.5 U	27.6	4540	< 20.9 U	< 24.2 U	1300	< 24.0 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

**Greenwich High School
10 Hillside Road
Greenwich, CT**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	S14-SB331 1.5 - 2 ft S14-SB331 (1.5-2)-1 9/16/2020 20I0847	S14-SB331 3 - 4 ft S14-SB331 (3-4) 041112-1 4/11/2012 SB47196	S14-SB331 4.5 - 5 ft S14-SB331 (4.5-5) 041112-1 4/11/2012 SB47196	S14-SS35 0 - 0.5 ft S14-SS35-080411 8/4/2011 SB32875	S15-SB237 0.4 - 1.5 ft S15-SB237 (0.4-1.5)-1 12/28/2011 SB41720	S15-SB237 2.5 - 3.5 ft S15-SB237 (2.5-3.5)-1 12/28/2011 SB41720	S15-SB237 5.5 - 6.5 ft S15-SB237 (5.5-6.5)-1 12/28/2011 SB41720	S15-SS185 0 - 0.25 ft S15-SS185 0-3 8/12/2011 SB33374	S15-SS36 0 - 0.5 ft S15-SS36-080411 8/4/2011 SB32875	S16-SB366 11.5 - 12 ft S16-SB366 (11.5-12)-041212 4/12/2012 SB47192
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	19000	278000	135	< 23.3 U	3730	241000	30600	< 21.1 U	< 22.0 U	< 21.9 U
Aroclor 1254	ug/kg	NE	NE	NE	< 17000	< 2570 U	< 20.9 U	< 23.3 U	< 21.9 U	< 21.5 U	< 28.3 U	< 21.1 U	< 22.0 U	< 21.9 U
Aroclor 1260	ug/kg	NE	NE	NE	< 17000	< 2570 U	< 20.9 U	< 23.3 U	63.6	1030	180	< 21.1 U	< 22.0 U	< 21.9 U
Aroclor 1262	ug/kg	NE	NE	NE	< 17000	< 2570 U	< 20.9 U	< 23.3 U	< 21.9 U	< 21.5 U	< 28.3 U	< 21.1 U	< 22.0 U	< 21.9 U
Aroclor 1268	ug/kg	NE	NE	NE	< 17000	< 2570 U	< 20.9 U	< 23.3 U	< 21.9 U	< 21.5 U	< 28.3 U	< 21.1 U	< 22.0 U	< 21.9 U
Total PCB Aroclors	ug/kg	NE	NE	1000	19000	278000	135	< 23.3 U	3790	242030	30780	< 21.1 U	< 22.0 U	< 21.9 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	< 0.2 U	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	32.1	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	< 0.2 U	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	32.1	NS	NS	NS	NS

Notes:

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Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	S16-SB366 3.5 - 4 ft S16-SB366 (3.5-4)-041212- 4/12/2012 SB47192	S16-SB366 7.5 - 8.5 ft S16-SB366 (7.5-8.5)-041212- 4/12/2012 SB47192	S7-SB410 1 - 1.5 ft S7-SB410(1-1.5)-062812-1 6/28/2012 SB51990	S7-SB410 11.5 - 12.5 ft S7-SB410(11.5-12.5)-062812- 6/28/2012 SB51990	S7-SB410 2 - 3 ft S7-SB410(2-3)-062812-1 6/28/2012 SB51990	S7-SS31 0 - 0.5 ft S7-SS31-080411 8/4/2011 SB32875	S8-SS217 0 - 0.25 ft S8-SS217 0-3 8/12/2011 SB33374	S8-SS219 0 - 0.25 ft S8-SS219 0-3 8/12/2011 SB33374	S9-SB236 1 - 2 ft S9-SB236 (1-2)-1 12/27/2011 SB41720	S9-SB236 2.5 - 3.5 ft S9-SB236 (2.5-3.5) 12/27/2011 SB41720
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 21.4 U	< 22.3 U	< 21.0 U	< 22.9 U	1130	122	< 26.9 U	< 23.6 U	168	< 23.8 U
Aroclor 1254	ug/kg	NE	NE	NE	< 21.4 U	< 22.3 U	< 21.0 U	< 22.9 U	< 22.0 U	< 22.2 U	< 26.9 U	< 23.6 U	< 22.0 U	< 23.8 U
Aroclor 1260	ug/kg	NE	NE	NE	< 21.4 U	< 22.3 U	< 21.0 U	< 22.9 U	67.2	< 22.2 U	< 26.9 U	< 23.6 U	< 22.0 U	63.0
Aroclor 1262	ug/kg	NE	NE	NE	< 21.4 U	< 22.3 U	< 21.0 U	< 22.9 U	< 22.0 U	< 22.2 U	< 26.9 U	< 23.6 U	< 22.0 U	< 23.8 U
Aroclor 1268	ug/kg	NE	NE	NE	< 21.4 U	< 22.3 U	< 21.0 U	< 22.9 U	< 22.0 U	< 22.2 U	< 26.9 U	< 23.6 U	< 22.0 U	< 23.8 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 21.4 U	< 22.3 U	< 21.0 U	< 22.9 U	1200	122	< 26.9 U	< 23.6 U	168	63.0
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

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J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	S9-SB236 6 - 7 ft S9-SB236 (6-7) 12/27/2011 SB41720	S9-SS208 0 - 0.25 ft S9-SS208 0-3 8/12/2011 SB33374	S9-SS209 0 - 0.25 ft S9-SS209 0-3 8/12/2011 SB33374	S9-SS32 0 - 0.25 ft S9-SS32 0-3 8/12/2011 SB33374	S9-SS32 0 - 0.5 ft S9-SS32-080411 8/4/2011 SB32875	SOUTH-B1 0.5 - 1 ft SOUTH-B1 (0.5-1)-1 4/6/2020 20D0237	SOUTH-B2 0 - 0.25 ft SOUTH-B2 (0-0.25)-1 4/6/2020 20D1046	SOUTH-B2 0.5 - 1 ft SOUTH-B2 (0.5-1)-1 4/6/2020 20D0237	SOUTH-B3 0.5 - 1 ft SOUTH-B3 (0.5-1)-1 4/6/2020 20D0237	SOUTH-B4 0 - 0.25 ft SOUTH-B4(0-0.25)-1 9/17/2020 20I0954
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 41.1 U	< 25.4 U	< 25.0 U	156	1210	< 96	1200	160	< 90	810
Aroclor 1254	ug/kg	NE	NE	NE	< 41.1 U	< 25.4 U	< 25.0 U	< 23.8 U	< 23.8 U	< 96	670	160	< 90	< 93
Aroclor 1260	ug/kg	NE	NE	NE	< 41.1 U	< 25.4 U	< 25.0 U	< 23.8 U	41.7	< 96	110	< 92	< 90	< 93
Aroclor 1262	ug/kg	NE	NE	NE	< 41.1 U	< 25.4 U	< 25.0 U	< 23.8 U	< 23.8 U	< 96	< 96	< 92	< 90	< 93
Aroclor 1268	ug/kg	NE	NE	NE	< 41.1 U	< 25.4 U	< 25.0 U	< 23.8 U	< 23.8 U	< 96	< 96	< 92	< 90	< 93
Total PCB Aroclors	ug/kg	NE	NE	1000	< 41.1 U	< 25.4 U	< 25.0 U	156	1250	< 96	1980	320	< 90	810
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	SOUTH-B4 0.5 - 1 ft SOUTH-B4 (0.5-1)-1 9/17/2020 20I0953	SOUTH-B4 2 - 3 ft SOUTH-B4 (2-3)-1 9/17/2020 20I0953	SOUTH-B5 0 - 0.25 ft SOUTH-B5(0-0.25)-1 9/17/2020 20I0954	SOUTH-B5 0 - 0.5 ft SOUTH-B5 (0.5-1)-1 9/17/2020 20I0953	SOUTH-B5 2 - 3 ft SOUTH-B5 (2-3)-1 9/17/2020 20I0953	T10-SS203 0 - 0.25 ft T10-SS203 0-3 8/12/2011 SB33374	T12-SS146 0 - 0.5 ft T12-SS146-080511 8/5/2011 SB32945	T13-SS306 0 - 0.25 ft T13SS306 0-3-082311 8/23/2011 SB34022	T13-SS38 0 - 0.25 ft T13SS38 0-3 8/31/2011 SB34491	T13-SS38 0 - 0.5 ft T13-SS38-080411 8/4/2011 SB32875
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	400	< 86	1600	12000	1600	< 28.0 U	< 21.6 U	< 24.3 U	< 21.8	< 21.2 U
Aroclor 1254	ug/kg	NE	NE	NE	590	< 86	< 87	< 1700	< 84	< 28.0 U	< 21.6 U	< 24.3 U	< 21.8	< 21.2 U
Aroclor 1260	ug/kg	NE	NE	NE	< 84	< 86	< 87	< 1700	< 84	< 28.0 U	< 21.6 U	< 24.3 U	< 21.8	< 21.2 U
Aroclor 1262	ug/kg	NE	NE	NE	< 84	< 86	< 87	< 1700	< 84	< 28.0 U	< 21.6 U	< 24.3 U	< 21.8	< 21.2 U
Aroclor 1268	ug/kg	NE	NE	NE	< 84	< 86	< 87	< 1700	< 84	< 28.0 U	< 21.6 U	< 24.3 U	< 21.8	< 21.2 U
Total PCB Aroclors	ug/kg	NE	NE	1000	990	< 86	1600	12000	1600	< 28.0 U	< 21.6 U	< 24.3 U	< 21.8 U	< 21.2 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
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Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
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 U = The analyte was not detected above the detection limit
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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	T14-SB330 1.5 - 2 ft T14-SB330 (1.5-2)-1 9/16/2020 20I0847	T14-SB330 5 - 5.5 ft T14-SB330 (5-5.5) 041112- 4/11/2012 SB47196	T14-SB330 5.5 - 6.5 ft T14-SB330 (5.5-6.5) 041112- 4/11/2012 SB47196	T14-SS39 0 - 0.25 ft DUPLICATE-16 8/12/2011 SB33374	T14-SS39 0 - 0.25 ft T14-SS39 0-3 8/12/2011 SB33374	T14-SS39 0 - 0.5 ft T14-SS39-080411 8/4/2011 SB32875	T15-SB365 1.5 - 2 ft T15-SB365 (1.5-2)-1 9/16/2020 20I0847	T15-SB365 11.5 - 12 ft T15-SB365 (11.5-12)-041212- 4/12/2012 SB47192	T15-SB365 2.5 - 3 ft T15-SB365 (2.5-3)-041212- 4/12/2012 SB47192	T15-SB365 4 - 5 ft T15-SB365 (4-5)-041212-1 4/12/2012 SB47192
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	3200	236000	16400	< 24.5 U	< 26.2 U	< 22.7 U	7600	< 21.9 U	27400	< 21.3 U
Aroclor 1254	ug/kg	NE	NE	NE	< 1800	< 23800 U	< 1030 U	< 24.5 U	< 26.2 U	< 22.7 U	< 3300	< 21.9 U	< 22.2 U	< 21.3 U
Aroclor 1260	ug/kg	NE	NE	NE	< 1800	< 23800 U	< 1030 U	< 24.5 U	< 26.2 U	< 22.7 U	< 3300	< 21.9 U	374	< 21.3 U
Aroclor 1262	ug/kg	NE	NE	NE	< 1800	< 23800 U	< 1030 U	< 24.5 U	< 26.2 U	< 22.7 U	< 3300	< 21.9 U	< 22.2 U	< 21.3 U
Aroclor 1268	ug/kg	NE	NE	NE	< 1800	< 23800 U	< 1030 U	< 24.5 U	< 26.2 U	< 22.7 U	< 3300	< 21.9 U	< 22.2 U	< 21.3 U
Total PCB Aroclors	ug/kg	NE	NE	1000	3200	236000	16400	< 24.5 U	< 26.2 U	< 22.7 U	7600	< 21.9 U	27774	< 21.3 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	T15-SS40 0 - 0.5 ft T15-SS40-080411 8/4/2011 SB32875	T16-SB367 11.5 - 12 ft 16-SB367 (11.5-12) 041212 4/12/2012 SB47192	T16-SB367 2 - 2.5 ft T16-SB367 (2-2.5) 041212-1 4/12/2012 SB47192	T16-SB367 7 - 8 ft T16-SB367 (7-8)-041012-1 4/10/2012 SB47192	T16-SS41 0 - 0.5 ft T16-SS41-080411 8/4/2011 SB32875	T17-SS265 0 - 0.25 ft T17-SS265 (0-3) 8/22/2011 SB33952	T6-SB428 1 - 2 ft T6-SB428(1-2)070312-1 7/3/2012 SB52216	T6-SB428 11.5 - 12.5 ft 6-SB428(11.5-12.5)070312-1 7/3/2012 SB52216	T6-SB428 5 - 6 ft T6-SB428(5-6)070312-1 7/3/2012 SB52216	T6-SS223 0 - 0.25 ft T6-SS223 0-3 8/12/2011 SB33374
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 22.4 U	< 20.4 U	128	< 21.4 U	< 21.1 U	< 20.9 U	< 22.6 U	< 21.7 U	< 38.9 U	< 23.7 U
Aroclor 1254	ug/kg	NE	NE	NE	< 22.4 U	< 20.4 U	< 20.8 U	< 21.4 U	< 21.1 U	< 20.9 U	< 22.6 U	< 21.7 U	< 38.9 U	< 23.7 U
Aroclor 1260	ug/kg	NE	NE	NE	< 22.4 U	< 20.4 U	< 20.8 U	< 21.4 U	< 21.1 U	< 20.9 U	< 22.6 U	< 21.7 U	< 38.9 U	< 23.7 U
Aroclor 1262	ug/kg	NE	NE	NE	< 22.4 U	< 20.4 U	< 20.8 U	< 21.4 U	< 21.1 U	< 20.9 U	< 22.6 U	< 21.7 U	< 38.9 U	< 23.7 U
Aroclor 1268	ug/kg	NE	NE	NE	< 22.4 U	< 20.4 U	< 20.8 U	< 21.4 U	< 21.1 U	< 20.9 U	< 22.6 U	< 21.7 U	< 38.9 U	< 23.7 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 22.4 U	< 20.4 U	128	< 21.4 U	< 21.1 U	< 20.9 U	< 22.6 U	< 21.7 U	< 38.9 U	< 23.7 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

**Greenwich High School
10 Hillside Road
Greenwich, CT**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	T8-SS216 0 - 0.25 ft T8-SS216 0-3 8/12/2011 SB33374	T9-SS207 0 - 0.25 ft T9-SS207 0-3 8/12/2011 SB33374	U11-SB421 1.5 - 2 ft U11-SB421 (1.5-2)-1 9/16/2020 2010847	U11-SB421 11.5 - 12.5 ft U11-SB421(11.5-12.5)070212 7/2/2012 SB52216	U11-SB421 2 - 3 ft U11-SB421(2-3)070212-1 7/2/2012 SB52216	U11-SB421 6 - 7 ft U11-SB421(6-7)070212-1 7/2/2012 SB52216	U11-SS44 0 - 0.25 ft U11-SS44 0-3 8/12/2011 SB33374	U11-SS44 0 - 0.5 ft U11-SS44-080411 8/4/2011 SB32875	U12-SS195 0 - 0.25 ft U12-SS195 0-3 8/12/2011 SB33374	U12-SS310 0 - 0.25 ft U12SS310 0-3-082311 8/23/2011 SB34022
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 24.5 U	< 24.7 U	1500	< 69.3 UJ	1930	3130	66.7	86.1	72.2	74.4
Aroclor 1254	ug/kg	NE	NE	NE	< 24.5 U	< 24.7 U	< 82	< 69.3 UJ	< 21.1 U	< 23.2 U	< 24.7 U	< 23.4 U	< 27.7 U	< 26.3 U
Aroclor 1260	ug/kg	NE	NE	NE	< 24.5 U	< 24.7 U	100	< 69.3 UJ	151	215	< 24.7 U	24.8	35.4	< 26.3 U
Aroclor 1262	ug/kg	NE	NE	NE	< 24.5 U	< 24.7 U	< 82	< 69.3 UJ	< 21.1 U	< 23.2 U	< 24.7 U	< 23.4 U	< 27.7 U	< 26.3 U
Aroclor 1268	ug/kg	NE	NE	NE	< 24.5 U	< 24.7 U	< 82	< 69.3 UJ	< 21.1 U	< 23.2 U	< 24.7 U	< 23.4 U	< 27.7 U	< 26.3 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 24.5 U	< 24.7 U	1600	< 69.3 U	2080	3350	66.7	111	108	74.4
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	U13-SB233 0.5 - 2.5 ft U13-SB233(0.5-2.5)-2 12/29/2011 SB41766	U13-SB233 0.5 - 2.5 ft U13-SB233(0.5-2.5)-1 12/29/2011 SB41766	U13-SB233 2.5 - 4.5 ft U13-SB233(2.5-4.5)-1 12/27/2011 SB41683	U13-SB233 7 - 8 ft U13-SB233(7-8)-1 12/27/2011 SB41683	U13-SB233 8 - 9 ft U13-SB233(8-9)-1 12/27/2011 SB41683	U13-SS307 0 - 0.25 ft U13SS307 0-3-082311 8/23/2011 SB34022	U13-SS311 0 - 0.25 ft U13SS311 0-3-082311 8/23/2011 SB34022	U13-SS45 0 - 0.25 ft U13-SS45 0-3 8/12/2011 SB33374	U13-SS45 0 - 0.5 ft U13-SS45-080411 8/4/2011 SB32875	U14-SB329 1.5 - 2 ft U14-SB329 (1.5-2)-1 9/16/2020 20I0847
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	103	79.6	< 22.0 U	5310	< 26.3 U	< 27.2 U	120	786	570	15000
Aroclor 1254	ug/kg	NE	NE	NE	< 22.9 U	< 22.7 U	< 22.0 U	< 27.4 U	< 26.3 U	< 27.2 U	< 26.8 U	< 27.3 U	< 22.3 U	< 6400
Aroclor 1260	ug/kg	NE	NE	NE	< 22.9 U	< 22.7 U	< 22.0 U	264	< 26.3 U	< 27.2 U	< 26.8 U	69.2	99.4	< 6400
Aroclor 1262	ug/kg	NE	NE	NE	< 22.9 U	< 22.7 U	< 22.0 U	< 27.4 U	< 26.3 U	< 27.2 U	< 26.8 U	< 27.3 U	< 22.3 U	< 6400
Aroclor 1268	ug/kg	NE	NE	NE	< 22.9 U	< 22.7 U	< 22.0 U	< 27.4 U	< 26.3 U	< 27.2 U	< 26.8 U	< 27.3 U	< 22.3 U	< 6400
Total PCB Aroclors	ug/kg	NE	NE	1000	103	79.6	< 22.0 U	5570	< 26.3 U	< 27.2 U	120	855	669	15000
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	< 0.286 U	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	< 0.286 U	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	< 0.286 U	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	< 0.286 U	NS	NS	NS	NS	NS	NS

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	U14-SB329 2 - 2.5 ft J14-SB329 (2-2.5) 041112- 4/11/2012 SB47196	U14-SB329 4 - 4.5 ft J14-SB329 (4-4.5) 041112- 4/11/2012 SB47196	U14-SB329 5 - 5.5 ft J14-SB329 (5-5.5) 041112- 4/11/2012 SB47196	U14-SS46 0 - 0.25 ft U14SS46 0-3 8/31/2011 SB34491	U14-SS46 0 - 0.5 ft U14-SS46-080411 8/4/2011 SB32875	U15-SB328 2.5 - 3 ft J15-SB328 (2.5-3) 041112- 4/11/2012 SB47196	U15-SB328 5 - 5.5 ft J15-SB328 (5-5.5) 041112- 4/11/2012 SB47196	U15-SS47 0 - 0.25 ft U15-SS47 0-3 8/12/2011 SB33374	U15-SS47 0 - 0.5 ft U15-SS47-080411 8/4/2011 SB32875	U16-SB368 1.5 - 2 ft U16-SB368 (1.5-2)-1 9/16/2020 20I0847
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	16900	1260	94200	< 29.0	117	661000	3520	55.1	430	6200
Aroclor 1254	ug/kg	NE	NE	NE	< 2070 U	1130	< 2050 U	< 29.0	< 23.1 U	< 24500 U	< 216 U	< 24.0 U	< 22.6 U	< 1700
Aroclor 1260	ug/kg	NE	NE	NE	< 2070 U	244	< 2050 U	< 29.0	< 23.1 U	< 24500 U	< 216 U	< 24.0 U	35.8	< 1700
Aroclor 1262	ug/kg	NE	NE	NE	< 2070 U	< 24.7 U	< 2050 U	< 29.0	< 23.1 U	< 24500 U	< 216 U	< 24.0 U	< 22.6 U	< 1700
Aroclor 1268	ug/kg	NE	NE	NE	< 2070 U	< 24.7 U	< 2050 U	< 29.0	< 23.1 U	< 24500 U	< 216 U	< 24.0 U	< 22.6 U	< 1700
Total PCB Aroclors	ug/kg	NE	NE	1000	16900	2630	94200	< 29.0 U	117	661000	3520	55.1	466	6200
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Yellow highlighted cells exceed the 2013 GA PMC

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	U16-SB368 11.5 - 12 ft 16-SB368 (11.5-12) 041212- 4/12/2012 SB47192	U16-SB368 3.5 - 4 ft 16-SB368 (3.5-4) 041212- 4/12/2012 SB47192	U16-SB368 5.5 - 6 ft 16-SB368 (5.5-6) 041212- 4/12/2012 SB47192	U16-SS48 0 - 0.5 ft U16-SS48-080411 8/4/2011 SB32875	U17-SS184 0 - 0.25 ft U17-SS184 0-3 8/12/2011 SB33374	U17-SS266 0 - 0.25 ft U17-SS266 (0-3) 8/22/2011 SB33952	U17-SS49 0 - 0.25 ft U17-SS49 0-3 8/12/2011 SB33374	U17-SS49 0 - 0.5 ft U17-SS49-080411 8/4/2011 SB32875	U7-SB409 1 - 1.3 ft U7-SB409(1-1.3)-062812-1 6/28/2012 SB51990	U7-SB409 1.5 - 2.5 ft U7-SB409(1.5-2.5)-062812- 6/28/2012 SB51990
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 21.0 U	3300	< 27.3 U	< 19.9 U	132	< 20.7 U	276	583	< 22.3 U	312
Aroclor 1254	ug/kg	NE	NE	NE	< 21.0 U	< 22.2 U	< 27.3 U	< 19.9 U	< 22.3 U	< 20.7 U	< 23.4 U	< 21.1 U	< 22.3 U	< 23.0 U
Aroclor 1260	ug/kg	NE	NE	NE	44.1	93.2	< 27.3 U	< 19.9 U	< 22.3 U	< 20.7 U	53.8	51.6	< 22.3 U	410
Aroclor 1262	ug/kg	NE	NE	NE	< 21.0 U	< 22.2 U	< 27.3 U	< 19.9 U	< 22.3 U	< 20.7 U	< 23.4 U	< 21.1 U	< 22.3 U	< 23.0 U
Aroclor 1268	ug/kg	NE	NE	NE	< 21.0 U	< 22.2 U	< 27.3 U	< 19.9 U	< 22.3 U	< 20.7 U	< 23.4 U	< 21.1 U	< 22.3 U	< 23.0 U
Total PCB Aroclors	ug/kg	NE	NE	1000	44.1	3390	< 27.3 U	< 19.9 U	132	< 20.7 U	330	635	< 22.3 U	722
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	U7-SB409 11.5 - 12.5 ft 7-SB409(11.5-12.5)-062812 6/28/2012 SB51990	U7-SB409 11.5 - 12.5 ft 7-SB409(11.5-12.5)-062812 6/28/2012 SB51990	U7-SS42 0 - 0.5 ft DUPLICATE-6-080411 8/4/2011 SB32875	U7-SS42 0 - 0.5 ft U7-SS42 8/4/2011 SB32875	U9-SS43 0 - 0.5 ft U9-SS43-080411 8/4/2011 SB32875	UTIL-A-1 0 - 2 ft UTIL-A-1-082015-2 8/20/2015 GBJ79558	UTIL-A-1 0 - 2 ft UTIL-A-1-082015-1 8/20/2015 GBJ79558	UTIL-A-2 0 - 2 ft UTIL-A-2-082015-1 8/20/2015 GBJ79558	UTIL-A-3 0 - 2 ft UTIL-A-3-082015-1 8/20/2015 GBJ79558	UTIL-A-4 0 - 2 ft UTIL-A-4-082015-1 8/20/2015 GBJ79558
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 28.5 U	< 30.9 U	< 22.4 U	< 22.7 U	< 22.8 U	< 340	< 430	< 360	< 350	< 460
Aroclor 1254	ug/kg	NE	NE	NE	< 28.5 U	< 30.9 U	< 22.4 U	< 22.7 U	< 22.8 U	< 340	< 430	< 360	< 350	< 460
Aroclor 1260	ug/kg	NE	NE	NE	< 28.5 U	< 30.9 U	< 22.4 U	< 22.7 U	< 22.8 U	< 340	< 430	< 360	< 350	< 460
Aroclor 1262	ug/kg	NE	NE	NE	< 28.5 U	< 30.9 U	< 22.4 U	< 22.7 U	< 22.8 U	< 340	< 430	< 360	< 350	< 460
Aroclor 1268	ug/kg	NE	NE	NE	< 28.5 U	< 30.9 U	< 22.4 U	< 22.7 U	< 22.8 U	< 340	< 430	< 360	< 350	< 460
Total PCB Aroclors	ug/kg	NE	NE	1000	< 28.5 U	< 30.9 U	< 22.4 U	< 22.7 U	< 22.8 U	< 340	< 430	< 360	< 350	< 460
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	UTIL-A-5 0 - 2 ft UTIL-A-5-082015-1 8/20/2015 GBJ79558	UTIL-B-1 0 - 2 ft UTIL-B-1-081815-1 8/18/2015 GBJ77371	UTIL-B-2 0 - 2 ft UTIL-B-2-081815-1 8/18/2015 GBJ77371	UTIL-B-3 0 - 2 ft UTIL-B-3-081815-1 8/18/2015 GBJ77371	UTIL-B-4 0 - 2 ft UTIL-B-4-081815-1 8/18/2015 GBJ77371	UTIL-B-5 0 - 2 ft UTIL-B-5-081815-1 8/18/2015 GBJ77371	UTIL-B-6 0 - 2 ft UTIL-B-6-081815-1 8/18/2015 GBJ77371	UTIL-B-7 0 - 2 ft UTIL-B-7-081815-1 8/18/2015 GBJ77371	UTIL-C-1 0 - 2 ft UTIL-C-1-082015-1 8/19/2015 GBJ79558	UTIL-C-2 0 - 2 ft UTIL-C-2-082015-1 8/19/2015 GBJ79558
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 420	< 400	< 400	< 380	< 380	< 380	< 350	< 370	< 330	< 330
Aroclor 1254	ug/kg	NE	NE	NE	< 420	< 400	< 400	< 380	< 380	< 380	< 350	< 370	< 330	< 330
Aroclor 1260	ug/kg	NE	NE	NE	< 420	< 400	< 400	< 380	< 380	< 380	< 350	< 370	< 330	< 330
Aroclor 1262	ug/kg	NE	NE	NE	< 420	< 400	< 400	< 380	< 380	< 380	< 350	< 370	< 330	< 330
Aroclor 1268	ug/kg	NE	NE	NE	< 420	< 400	< 400	< 380	< 380	< 380	< 350	< 370	< 330	< 330
Total PCB Aroclors	ug/kg	NE	NE	1000	< 420	< 400	< 400	< 380	< 380	< 380	< 350	< 370	< 330	< 330
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS									
Aroclor 1248	ug/l	NE	NE	NE	NS									
Aroclor 1260	ug/l	NE	NE	NE	NS									
Total PCB Aroclors	ug/l	0.5	5	NE	NS									

Notes:

This is a summary table. Only detected analytes are shown.

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Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	UTIL-D-1 0 - 2 ft UTIL-D-1-081315-1 8/13/2015 GBJ75144	UTIL-D-10 0 - 2 ft UTIL-D-10-081315-1 8/13/2015 GBJ75144	UTIL-D-11 0 - 2 ft UTIL-D-11-081315-1 8/13/2015 GBJ75144	UTIL-D-12 0 - 2 ft UTIL-D-12-081315-1 8/13/2015 GBJ75144	UTIL-D-13 0 - 2 ft UTIL-D-13-081315-1 8/13/2015 GBJ75144	UTIL-D-14 0 - 2 ft UTIL-D-14-081315-1 8/13/2015 GBJ75144	UTIL-D-15 0 - 2 ft UTIL-D-15-081315-1 8/13/2015 GBJ75144	UTIL-D-16 0 - 2 ft UTIL-D-16-081315-1 8/13/2015 GBJ75144	UTIL-D-17 0 - 2 ft UTIL-D-17-081315-1 8/13/2015 GBJ75144	UTIL-D-18 0 - 2 ft UTIL-D-18-081315-1 8/13/2015 GBJ75144
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 340	< 360	< 350	< 360	< 360	< 350	580	< 400	< 370	< 380
Aroclor 1254	ug/kg	NE	NE	NE	< 340	< 360	< 350	< 360	< 360	< 350	< 390	< 400	< 370	< 380
Aroclor 1260	ug/kg	NE	NE	NE	< 340	< 360	< 350	< 360	< 360	< 350	< 390	< 400	< 370	< 380
Aroclor 1262	ug/kg	NE	NE	NE	< 340	< 360	< 350	< 360	< 360	< 350	< 390	< 400	< 370	< 380
Aroclor 1268	ug/kg	NE	NE	NE	< 340	< 360	< 350	< 360	< 360	< 350	< 390	< 400	< 370	< 380
Total PCB Aroclors	ug/kg	NE	NE	1000	< 340	< 360	< 350	< 360	< 360	< 350	580	< 400	< 370	< 380
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	UTIL-D-19 0 - 2 ft UTIL-D-19-081715-1 8/17/2015 GBJ77371	UTIL-D-2 0 - 2 ft UTIL-D-2-081315-1 8/13/2015 GBJ75144	UTIL-D-20 0 - 2 ft UTIL-D-20-081715-1 8/17/2015 GBJ77371	UTIL-D-21 0 - 2 ft UTIL-D-21-081715-1 8/17/2015 GBJ77371	UTIL-D-22 0 - 2 ft UTIL-D-22-081715-1 8/17/2015 GBJ77371	UTIL-D-23 0 - 2 ft UTIL-D-23-081715-1 8/17/2015 GBJ77371	UTIL-D-24 0 - 2 ft UTIL-D-24-081715-1 8/17/2015 GBJ77371	UTIL-D-25 0 - 2 ft UTIL-D-25-081715-1 8/17/2015 GBJ77371	UTIL-D-3 0 - 2 ft UTIL-D-3-081315-1 8/13/2015 GBJ75144	UTIL-D-4 0 - 2 ft UTIL-D-4-081315-1 8/13/2015 GBJ75144
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 370	< 350	< 350	< 420	< 370	< 360	< 350	1900	< 350	< 350
Aroclor 1254	ug/kg	NE	NE	NE	< 370	< 350	< 350	< 420	< 370	< 360	< 350	< 360	< 350	< 350
Aroclor 1260	ug/kg	NE	NE	NE	< 370	< 350	< 350	< 420	< 370	< 360	< 350	< 360	< 350	< 350
Aroclor 1262	ug/kg	NE	NE	NE	< 370	< 350	< 350	< 420	< 370	< 360	< 350	< 360	< 350	< 350
Aroclor 1268	ug/kg	NE	NE	NE	< 370	< 350	< 350	< 420	< 370	< 360	< 350	< 360	< 350	< 350
Total PCB Aroclors	ug/kg	NE	NE	1000	< 370	< 350	< 350	< 420	< 370	< 360	< 350	1900	< 350	< 350
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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NS = Not sampled for this constituent

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	UTIL-D-5 0 - 2 ft UTIL-D-5-081315-1 8/13/2015 GBJ75144	UTIL-D-6 0 - 2 ft UTIL-D-6-081315-1 8/13/2015 GBJ75144	UTIL-D-7 0 - 2 ft UTIL-D-7-081315-1 8/13/2015 GBJ75144	UTIL-D-8 0 - 2 ft UTIL-D-8-081315-1 8/13/2015 GBJ75144	UTIL-D-9 0 - 2 ft UTIL-D-9-081315-1 8/13/2015 GBJ75144	UTIL-E-1 0 - 2 ft UTIL-E-1-082015-1 8/19/2015 GBJ79558	UTIL-E-2 0 - 2 ft UTIL-E-2-082015-1 8/19/2015 GBJ79558	V10-SS145 0 - 0.25 ft V10-SS145 0-3 8/12/2011 SB33374	V10-SS145 0 - 0.5 ft V10-SS145-080511 8/5/2011 SB32945	V12-SB422 13.5 - 14 ft 12-SB422(13.5-14)070212- 7/2/2012 SB52216
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	550	780	440	< 360	420	< 320	< 330	48.1	< 25.2 U	< 21.4 U
Aroclor 1254	ug/kg	NE	NE	NE	< 370	< 360	< 410	< 360	< 400	< 320	< 330	< 25.8 U	< 25.2 U	< 21.4 U
Aroclor 1260	ug/kg	NE	NE	NE	< 370	< 360	< 410	< 360	< 400	< 320	< 330	< 25.8 U	< 25.2 U	< 21.4 U
Aroclor 1262	ug/kg	NE	NE	NE	< 370	< 360	< 410	< 360	< 400	< 320	< 330	< 25.8 U	< 25.2 U	< 21.4 U
Aroclor 1268	ug/kg	NE	NE	NE	< 370	< 360	< 410	< 360	< 400	< 320	< 330	< 25.8 U	< 25.2 U	< 21.4 U
Total PCB Aroclors	ug/kg	NE	NE	1000	550	780	440	< 360	420	< 320	< 330	48.1	< 25.2 U	< 21.4 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS						
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS						
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS						
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS						

Notes:

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NS = Not sampled for this constituent

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	V12-SB422 3 - 4 ft V12-SB422(3-4)070212-1 7/2/2012 SB52216	V12-SB422 4 - 7 ft V12-SB422(4-7)070212-1 7/2/2012 SB52216	V12-SS194 0 - 0.25 ft V12-SS194 0-3 8/12/2011 SB33374	V13-SS51 0 - 0.25 ft V13-SS51 0-3 8/12/2011 SB33374	V13-SS51 0 - 0.5 ft V13-SS51-080411 8/4/2011 SB32875	V14-SS52 0 - 0.25 ft V14-SS52 0-3 8/12/2011 SB33374	V14-SS52 0 - 0.5 ft V14-SS52-080411 8/4/2011 SB32875	V15-SS299 0 - 0.25 ft V15SS299 0-3-082311 8/23/2011 SB34022	V15-SS53 0 - 0.5 ft V15-SS53-080411 8/4/2011 SB32875	V16-SB34 1 - 2 ft V16-SB34 1-2 8/10/2011 SB33209
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	3960	1880 J	313	237	549	77.2	195	101	205	< 21.0 U
Aroclor 1254	ug/kg	NE	NE	NE	< 21.7 U	< 22.0 U	< 23.8 U	< 23.7 U	< 21.4 U	< 21.5 U	< 22.4 U	< 23.5 U	< 22.4 U	< 21.0 U
Aroclor 1260	ug/kg	NE	NE	NE	123	41.8 J	48.5	33.4	60.8	23.0	23.0	< 23.5 U	< 22.4 U	< 21.0 U
Aroclor 1262	ug/kg	NE	NE	NE	< 21.7 U	< 22.0 U	< 23.8 U	< 23.7 U	< 21.4 U	< 21.5 U	< 22.4 U	< 23.5 U	< 22.4 U	< 21.0 U
Aroclor 1268	ug/kg	NE	NE	NE	< 21.7 U	< 22.0 U	< 23.8 U	< 23.7 U	< 21.4 U	< 21.5 U	< 22.4 U	< 23.5 U	< 22.4 U	< 21.0 U
Total PCB Aroclors	ug/kg	NE	NE	1000	4080	1920	362	270	610	77.2	218	101	205	< 21.0 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	V16-SB34 2 - 3 ft V16-SB34 2-3 8/10/2011 SB33209	V16-SB34 3 - 4 ft V16-SB34 3-4 8/10/2011 SB33209	V16-SB34 4 - 4.6 ft V16-SB34 4-4.6 8/10/2011 SB33209	V16-SB34 6 - 7 ft V16-SB34 6-7 8/10/2011 SB33209	V16-SB34 8 - 8.5 ft V16-SB34 8-8.5 8/10/2011 SB33209	V16-SS54 0 - 0.5 ft V16-SS54-080411 8/4/2011 SB32875	V16-SS54 0 - 0.5 ft DUPLICATE-4-080411 8/4/2011 SB32875	V16-SS54 0 - 0.5 ft V16-SS54-080511 8/5/2011 SB32945	V17-SS55 0 - 0.25 ft V17-SS55 0-3 8/11/2011 SB33374	V17-SS55 0 - 0.5 ft V17-SS55-080411 8/4/2011 SB32875
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	1470	34500	< 25.9 U	< 22.1 U	< 45.3 U	1170	714	961	< 19.8 U	107
Aroclor 1254	ug/kg	NE	NE	NE	< 24.9 U	< 22.7 U	< 25.9 U	< 22.1 U	< 45.3 U	< 20.1 U	< 19.9 U	< 20.0 U	< 19.8 U	< 20.4 U
Aroclor 1260	ug/kg	NE	NE	NE	72.1	203	< 25.9 U	< 22.1 U	< 45.3 U	46.3 J	< 19.9 U	40.4	< 19.8 U	< 20.4 U
Aroclor 1262	ug/kg	NE	NE	NE	< 24.9 U	< 22.7 U	< 25.9 U	< 22.1 U	< 45.3 U	< 20.1 U	< 19.9 U	< 20.0 U	< 19.8 U	< 20.4 U
Aroclor 1268	ug/kg	NE	NE	NE	< 24.9 U	< 22.7 U	< 25.9 U	< 22.1 U	< 45.3 U	< 20.1 U	< 19.9 U	< 20.0 U	< 19.8 U	< 20.4 U
Total PCB Aroclors	ug/kg	NE	NE	1000	1540	34703	< 25.9 U	< 22.1 U	< 45.3 U	1220	714	1000	< 19.8 U	107
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	< 0.276 UJ	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	4.46 J	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	< 0.276 UJ	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	4.46	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	V18-SB380 1 - 1.5 ft V-V18-SB380 (1-1.5)-06251 6/25/2012 SB51792	V18-SB380 3 - 5 ft W-V18-SB380 (3-5)-062512 6/25/2012 SB51792	V18-SS56 0 - 0.5 ft V18-SS56-080411 8/4/2011 SB32875	V26-SB348 8 - 8.5 ft V26-SB348(8-8.5)-040912-1 4/9/2012 SB46864	V26-SB348 9 - 10 ft V26-SB348(9-10)-040912-1 4/9/2012 SB46864	V6-SB427 11.5 - 12 ft V6-SB427(11.5-12)070312-1 7/3/2012 SB52216	V6-SB427 2 - 3 ft V6-SB427(2-3)070312-1 7/3/2012 SB52216	V6-SS222 0 - 0.25 ft DUPLICATE-13 8/12/2011 SB33374	V6-SS222 0 - 0.25 ft V6-SS222 0-3 8/12/2011 SB33374	V8-SS215 0 - 0.25 ft V8-SS215 0-3 8/12/2011 SB33374
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	538	17600	< 20.2 U	30.6	< 20.2 U	< 21.2 U	< 25.8 U	< 25.8 U	< 26.3 U	< 24.9 U
Aroclor 1254	ug/kg	NE	NE	NE	< 21.7 U	< 22.9 U	< 20.2 U	< 21.9 U	< 20.2 U	< 21.2 U	< 25.8 U	< 25.8 U	< 26.3 U	< 24.9 U
Aroclor 1260	ug/kg	NE	NE	NE	< 21.7 U	501	< 20.2 U	< 21.9 U	< 20.2 U	< 21.2 U	< 25.8 U	< 25.8 U	< 26.3 U	< 24.9 U
Aroclor 1262	ug/kg	NE	NE	NE	< 21.7 U	< 22.9 U	< 20.2 U	< 21.9 U	< 20.2 U	< 21.2 U	< 25.8 U	< 25.8 U	< 26.3 U	< 24.9 U
Aroclor 1268	ug/kg	NE	NE	NE	< 21.7 U	< 22.9 U	< 20.2 U	< 21.9 U	< 20.2 U	< 21.2 U	< 25.8 U	< 25.8 U	< 26.3 U	< 24.9 U
Total PCB Aroclors	ug/kg	NE	NE	1000	538	18101	< 20.2 U	30.6	< 20.2 U	< 21.2 U	< 25.8 U	< 25.8 U	< 26.3 U	< 24.9 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	V9-SB234 0.5 - 2.5 ft V9-SB234 (.50-2.50)-1 12/27/2011 SB41720	V9-SB234 2.5 - 4.5 ft V9-SB234 (2.5-4.5)-1 12/27/2011 SB41720	V9-SB234 6 - 7 ft V9-SB234 (6-7)-1 12/27/2011 SB41720	W11-SS59 0 - 0.25 ft W11-SS59 0-3 8/12/2011 SB33374	W11-SS59 0 - 0.5 ft W11-SS59-080411 8/4/2011 SB32875	W12-SS193 0 - 0.25 ft W12-SS193 0-3 8/12/2011 SB33374	W13-SS60 0 - 0.5 ft W13-SS60-080411 8/4/2011 SB32875	W14-SS61 0 - 0.5 ft W14-SS61-080411 8/4/2011 SB32875	W15 1.5 - 2 ft W15(1.5-2)-1 9/16/2020 2010847	W15-SS300 0 - 0.25 ft W15SS300 0-3-082311 8/23/2011 SB34022
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	163	18200	< 21.6 U	53.1	143	180	185	94.7	240	< 25.0 U
Aroclor 1254	ug/kg	NE	NE	NE	< 22.1 U	< 25.8 U	< 21.6 U	< 25.0 U	< 21.4 U	< 25.1 U	< 21.1 U	< 22.1 U	< 84	< 25.0 U
Aroclor 1260	ug/kg	NE	NE	NE	< 22.1 U	984	< 21.6 U	< 25.0 U	29.0 J	< 25.1 U	51.1	< 22.1 U	< 84	< 25.0 U
Aroclor 1262	ug/kg	NE	NE	NE	< 22.1 U	< 25.8 U	< 21.6 U	< 25.0 U	< 21.4 U	< 25.1 U	< 21.1 U	< 22.1 U	< 84	< 25.0 U
Aroclor 1268	ug/kg	NE	NE	NE	< 22.1 U	< 25.8 U	< 21.6 U	< 25.0 U	< 21.4 U	< 25.1 U	< 21.1 U	< 22.1 U	< 84	< 25.0 U
Total PCB Aroclors	ug/kg	NE	NE	1000	163	19184	< 21.6 U	53.1	172	180	236	94.7	240	< 25.0 U
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	< 0.2 UJ	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	< 0.2 UJ	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	< 0.2 UJ	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	< 0.2 U	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Yellow highlighted cells exceed the 2013 GA PMC

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

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NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

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J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	W15-SS62 0 - 0.5 ft W15-SS62-080411 8/4/2011 SB32875	W16-SS63 0 - 0.5 ft W16-SS63-080411 8/4/2011 SB32875	W16-SS63 0 - 0.5 ft W16-SS63-080511 8/5/2011 SB32945	W20-SB49 0 - 1 ft W20-SB49 0-1 8/10/2011 SB33209	W20-SB49 1 - 2 ft W20-SB49 1-2 8/10/2011 SB33209	W20-SB49 2 - 3 ft W20-SB49 2-3 8/10/2011 SB33209	W20-SB49 5 - 6 ft W20-SB49 5-6 8/10/2011 SB33209	W20-SB49 8 - 9 ft W20-SB49 8-9 8/10/2011 SB33209	W21-SB50 1 - 1.7 ft W21-SB50 1-1.7 8/10/2011 SB33209	W22-MB55 0 - 0.25 ft W22-MB55(0-0.25)-1 9/17/2020 20I0954
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	101	1370	1220	< 22.1 U	132	< 26.1 U	< 25.8 U	< 21.2 U	< 21.5 U	960
Aroclor 1254	ug/kg	NE	NE	NE	< 23.1 U	< 22.7 U	< 21.7 U	< 22.1 U	< 21.9 U	< 26.1 U	< 25.8 U	< 21.2 U	< 21.5 U	< 86
Aroclor 1260	ug/kg	NE	NE	NE	< 23.1 U	64.8	34.8	< 22.1 U	< 21.9 U	< 26.1 U	< 25.8 U	< 21.2 U	< 21.5 U	< 86
Aroclor 1262	ug/kg	NE	NE	NE	< 23.1 U	< 22.7 U	< 21.7 U	< 22.1 U	< 21.9 U	< 26.1 U	< 25.8 U	< 21.2 U	< 21.5 U	< 86
Aroclor 1268	ug/kg	NE	NE	NE	< 23.1 U	< 22.7 U	< 21.7 U	< 22.1 U	< 21.9 U	< 26.1 U	< 25.8 U	< 21.2 U	< 21.5 U	< 86
Total PCB Aroclors	ug/kg	NE	NE	1000	101	1430	1250	< 22.1 U	132	< 26.1 U	< 25.8 U	< 21.2 U	< 21.5 U	960
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	W22-MB55 0.5 - 1 ft W22-MB55 (0.5-1)-1 9/17/2020 20I0953	W7-SB408 1 - 1.5 ft W7-SB408(1-1.5)-062812-1 6/28/2012 SB51990	W7-SB408 2.5 - 3.5 ft W7-SB408(2.5-3.5)-062812-1 6/28/2012 SB51990	W7-SB408 9 - 10 ft W7-SB408(9-10)-062812-1 6/28/2012 SB51990	W7-SS57 0 - 0.5 ft W7-SS57-080411 8/4/2011 SB32875	W9-SS58 0 - 0.5 ft W9-SS58-080411 8/4/2011 SB32875	X/Y14 1.5 - 2 ft X/Y14(1.5-2)-1. 9/16/2020 20I0847	X/Y15.5 1 - 1.5 ft X/Y15.5 (1-1.5)-1 9/17/2020 20I0953	X/Y15.5 3 - 3.5 ft X/Y15.5 (3-3.5)-2 9/17/2020 20I0953	X/Y15.5 3 - 3.5 ft X/Y15.5 (3-3.5)-1 9/17/2020 20I0953
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	580	< 21.5 U	3850	< 49.3 U	< 22.9 U	67.6	170	380	7200	8100
Aroclor 1254	ug/kg	NE	NE	NE	320	< 21.5 U	< 24.0 U	< 49.3 U	< 22.9 U	< 21.2 U	< 87	390	< 910	< 900
Aroclor 1260	ug/kg	NE	NE	NE	< 85	< 21.5 U	209	< 49.3 U	< 22.9 U	< 21.2 U	< 87	< 86	< 910	< 900
Aroclor 1262	ug/kg	NE	NE	NE	< 85	< 21.5 U	< 24.0 U	< 49.3 U	< 22.9 U	< 21.2 U	< 87	< 86	< 910	< 900
Aroclor 1268	ug/kg	NE	NE	NE	< 85	< 21.5 U	< 24.0 U	< 49.3 U	< 22.9 U	< 21.2 U	< 87	< 86	< 910	< 900
Total PCB Aroclors	ug/kg	NE	NE	1000	900	< 21.5 U	4060	< 49.3 U	< 22.9 U	67.6	170	770	7200	8100
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	X10-SS202 0 - 0.25 ft X10-SS202 0-3 8/12/2011 SB33374	X11-SS320 0 - 0.25 ft X11SS320 0-3 8/31/2011 SB34491	X12-SS192 0 - 0.25 ft X12-SS192 0-3 8/12/2011 SB33374	X12-SS192 0 - 0.25 ft DUPLICATE-17 8/12/2011 SB33374	X12-SS321 0 - 0.25 ft X12SS321 0-3 8/31/2011 SB34491	X13-SB324 12 - 12.5 ft 13-SB324 (12-12.5) 0411112 4/11/2012 SB47196	X13-SB324 4 - 4.5 ft X13-SB324 (4-4.5) 0411112- 4/11/2012 SB47196	X13-SB324 7.5 - 8 ft X13-SB324 (7.5-8) 0411112- 4/11/2012 SB47196	X13-SS323 0 - 0.25 ft X13SS323 0-3 8/31/2011 SB34491	X13-SS64 0 - 0.25 ft X13-SS64 0-3 8/12/2011 SB33374
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 26.4 U	< 27.0	295	239	< 45.1	3520	1620	19300	< 29.2	76.9
Aroclor 1254	ug/kg	NE	NE	NE	< 26.4 U	< 27.0	< 25.4 U	< 26.8 U	< 45.1	< 25.0 U	< 22.1 U	< 25.9 U	< 29.2	< 29.6 U
Aroclor 1260	ug/kg	NE	NE	NE	< 26.4 U	< 27.0	< 25.4 UJ	175 J	< 45.1	46.5	71.7	404	< 29.2	< 29.6 U
Aroclor 1262	ug/kg	NE	NE	NE	< 26.4 U	< 27.0	< 25.4 U	< 26.8 U	< 45.1	< 25.0 U	< 22.1 U	< 25.9 U	< 29.2	< 29.6 U
Aroclor 1268	ug/kg	NE	NE	NE	< 26.4 U	< 27.0	< 25.4 U	< 26.8 U	< 45.1	< 25.0 U	< 22.1 U	< 25.9 U	< 29.2	< 29.6 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 26.4 U	< 27.0 U	295	414	< 45.1 U	3570	1690	19704	< 29.2 U	76.9
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	X13-SS64 0 - 0.5 ft X13-SS64-080411 8/4/2011 SB32875	X14-SB325 12 - 12.5 ft 14-SB325 (12-12.5) 041112 4/11/2012 SB47196	X14-SB325 4.5 - 5 ft X14-SB325 (4.5-5) 041112 4/11/2012 SB47196	X14-SB325 4.5 - 5 ft X14-SB325 (4.5-5) 041112 4/11/2012 SB47196	X14-SB325 9.5 - 10 ft 14-SB325 (9.5-10) 041112 4/11/2012 SB47196	X14-SS302 0 - 0.25 ft DUPLICATE-21-082311 8/23/2011 SB34022	X14-SS302 0 - 0.25 ft X14SS302 0-3 8/23/2011 SB34022	X14-SS65 0 - 0.25 ft X14-SS65 0-3 8/12/2011 SB33374	X14-SS65 0 - 0.5 ft X14-SS65-080411 8/4/2011 SB32875	X15-SB326 12 - 12.5 ft 15-SB326 (12-12.5) 041112 4/11/2012 SB47196
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	622	196000	< 217 U	< 206 U	285000	< 26.5 U	< 26.7 U	< 29.4 U	1420	63500
Aroclor 1254	ug/kg	NE	NE	NE	< 23.2 U	< 2420 U	< 217 U	< 206 U	< 2390 U	< 26.5 U	< 26.7 U	< 29.4 U	< 22.9 U	< 2600 U
Aroclor 1260	ug/kg	NE	NE	NE	41.8	2500	48.0 J	98.7 J	5220	< 26.5 U	< 26.7 U	< 29.4 U	115	< 2600 U
Aroclor 1262	ug/kg	NE	NE	NE	< 23.2 U	< 2420 U	< 21.7 U	< 20.6 U	< 2390 U	< 26.5 U	< 26.7 U	< 29.4 U	< 22.9 U	< 2600 U
Aroclor 1268	ug/kg	NE	NE	NE	< 23.2 U	< 2420 U	< 21.7 U	< 20.6 U	< 2390 U	< 26.5 U	< 26.7 U	< 29.4 U	< 22.9 U	< 2600 U
Total PCB Aroclors	ug/kg	NE	NE	1000	664	199000	48.0	98.7	290000	< 26.5 U	< 26.7 U	< 29.4 U	1540	63500
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
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 J = Result is considered estimated
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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	X15-SB326 4.5 - 5 ft X15-SB326 (4.5-5) 041112- 4/11/2012 SB47196	X15-SB326 9.5 - 10 ft X15-SB326 (9.5-10) 041112- 4/11/2012 SB47196	X15-SS301 0 - 0.25 ft X15SS301 0-3-082311 8/23/2011 SB34022	X15-SS66 0 - 0.5 ft X15-SS66-080411 8/4/2011 SB32875	X15-SS66 0 - 0.5 ft X15-SS66-080511 8/5/2011 SB32945	X16-SB327 1.5 - 2 ft X16-SB327 (1.5-2) 041112- 4/11/2012 SB47196	X16-SB327 10.5 - 11 ft X16-SB327 (10.5-11) 041112- 4/11/2012 SB47196	X16-SB327 7 - 7.5 ft X16-SB327 (7-7.5) 041112- 4/11/2012 SB47196	X16-SS67 0 - 0.5 ft X16-SS67-080411 8/4/2011 SB32875	X16-SS67 0 - 0.5 ft X16-SS67-080511 8/5/2011 SB32945
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	374	386000	< 23.7 U	< 22.1 U	< 25.4 U	229	299	64900	2640	1460
Aroclor 1254	ug/kg	NE	NE	NE	< 246 U	< 21800 U	< 23.7 U	< 22.1 U	< 25.4 U	< 22.0 U	< 358 U	< 2630 U	< 22.6 U	< 22.2 U
Aroclor 1260	ug/kg	NE	NE	NE	< 24.6 U	< 21800 U	< 23.7 U	< 22.1 U	< 25.4 U	< 22.0 U	52.4	< 2630 U	91.4	55.8
Aroclor 1262	ug/kg	NE	NE	NE	< 24.6 U	< 21800 U	< 23.7 U	< 22.1 U	< 25.4 U	< 22.0 U	< 35.8 U	< 2630 U	< 22.6 U	< 22.2 U
Aroclor 1268	ug/kg	NE	NE	NE	< 24.6 U	< 21800 U	< 23.7 U	< 22.1 U	< 25.4 U	< 22.0 U	< 35.8 U	< 2630 U	< 22.6 U	< 22.2 U
Total PCB Aroclors	ug/kg	NE	NE	1000	374	386000	< 23.7 U	< 22.1 U	< 25.4 U	229	351	64900	2730	1520
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	X17-SB266 2 - 3 ft X17-SB266 (2-3)-122811-1 12/28/2011 SB41712	X17-SB266 3 - 4 ft X17-SB266 (3-4)-122811-1 12/28/2011 SB41712	X17-SB266 5 - 6 ft X17-SB266 (5-6)-122811-1 12/28/2011 SB41712	X18-SB381 3 - 4 ft X18-SB381 (3-4)-062512-2 6/25/2012 SB51792	X18-SB381 3 - 4 ft X18-SB381 (3-4)-062512-1 6/25/2012 SB51792	X18-SB381 7 - 9 ft X18-SB381 (7-9)-062512-2 6/25/2012 SB51792	X18-SB381 7 - 9 ft X18-SB381 (7-9)-062512-1 6/25/2012 SB51792	X20-SB400 2 - 3 ft Z20-SB400 (2-3)-062712-1 6/27/2012 SB51902	X21-SB57 0 - 1 ft X21-SB57 0-1 8/10/2011 SB33209	X21-SB57 1 - 2 ft X21-SB57 1-2 8/10/2011 SB33209
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 21.8 U	< 25.5 U	< 464 U	71.3	93.4	4940	5350	< 46.7 U	113	454
Aroclor 1254	ug/kg	NE	NE	NE	< 21.8 U	25400 J	< 464 U	< 20.4 U	< 20.5 U	< 22.0 U	< 22.9 U	< 23.3 U	< 22.6 U	< 21.4 U
Aroclor 1260	ug/kg	NE	NE	NE	< 21.8 U	1830 J	< 464 U	< 20.4 U	< 20.5 U	234 J	< 22.9 UJ	< 23.3 U	< 22.6 U	< 21.4 U
Aroclor 1262	ug/kg	NE	NE	NE	< 21.8 U	< 25.5 U	< 464 U	< 20.4 U	< 20.5 U	< 22.0 U	< 22.9 U	< 23.3 U	< 22.6 U	< 21.4 U
Aroclor 1268	ug/kg	NE	NE	NE	< 21.8 U	< 25.5 U	< 464 U	< 20.4 U	< 20.5 U	< 22.0 U	< 22.9 U	< 23.3 U	< 22.6 U	< 21.4 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 21.8 U	27230	< 464 U	71.3	93.4	5170	5350	< 46.7 U	113	454
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	< 0.211 U	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	< 0.211 U	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	< 0.211 U	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	< 0.211 U	NS	NS	NS	NS	NS	NS	NS	NS

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ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

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J+ = Result may be biased high

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	X21-SB57 2 - 2.5 ft X21-SB57 2-2.5 8/10/2011 SB33209	X8-SS214 0 - 0.25 ft X8-SS214 0-3 8/12/2011 SB33374	X9 1.5 - 2 ft X9 (1.5-2)-1 9/16/2020 2010847	Y10.5 1.5 - 2 ft Y10.5(1.5-2)-1 9/17/2020 2010953	Y10-SS314 0 - 0.25 ft Y10SS314 0-3-082311 8/23/2011 SB34022	Y10-SS319 0 - 0.25 ft Y10SS319 0-3 8/31/2011 SB34491	Y11-SS313 0 - 0.25 ft Y11SS313 0-3-082311 8/23/2011 SB34022	Y11-SS70 0 - 0.25 ft Y11SS70 0-3 8/31/2011 SB34491	Y11-SS70 0 - 0.5 ft Y11-SS70-080411 8/4/2011 SB32875	Y12.5 1.5 - 2 ft Y12.5(1.5-2)-1 9/17/2020 2010953
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	515	< 25.7 U	480	4200	956	< 29.1	1550	< 27.4	< 21.4 U	220
Aroclor 1254	ug/kg	NE	NE	NE	< 22.1 U	< 25.7 U	< 85	< 460	< 24.8 U	< 29.1	< 25.9 U	< 27.4	< 21.4 U	210
Aroclor 1260	ug/kg	NE	NE	NE	< 22.1 U	< 25.7 U	< 85	< 460	69.2	< 29.1	75.1	< 27.4	< 21.4 U	< 89
Aroclor 1262	ug/kg	NE	NE	NE	< 22.1 U	< 25.7 U	< 85	< 460	< 24.8 U	< 29.1	< 25.9 U	< 27.4	< 21.4 U	< 89
Aroclor 1268	ug/kg	NE	NE	NE	< 22.1 U	< 25.7 U	< 85	< 460	< 24.8 U	< 29.1	< 25.9 U	< 27.4	< 21.4 U	< 89
Total PCB Aroclors	ug/kg	NE	NE	1000	515	< 25.7 U	480	4200	1030	< 29.1 U	1630	< 27.4 U	< 21.4 U	430
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
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 Green highlighted cells exceed the 2013 GB PMC
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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	Y12-SB235 0.5 - 2.5 ft Y12-SB235 (.50-2.50)-1 12/27/2011 SB41720	Y12-SB235 14 - 15 ft Y12-SB235 (14-15)-1 12/27/2011 SB41720	Y12-SB235 5 - 6 ft Y12-SB235 (5-6)-1 12/27/2011 SB41720	Y12-SB235 8 - 10 ft Y12-SB235 (8-10)-1 12/27/2011 SB41720	Y12-SS312 0 - 0.25 ft Y12SS312 0-3-082311 8/23/2011 SB34022	Y12-SS322 0 - 0.25 ft Y12SS322 0-3 8/31/2011 SB34491	Y13-SB315 4.5 - 5 ft Y13-SB315 (4.5-5) 040912-1 4/9/2012 SB47196	Y13-SB315 6 - 7 ft Y13-SB315 (6-7) 040912-1 4/9/2012 SB47196	Y13-SS308 0 - 0.25 ft Y13SS308 0-3-082311 8/23/2011 SB34022	Y13-SS309 0 - 0.25 ft Y13SS309 0-3-082311 8/23/2011 SB34022
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 22.7 U	< 52.2 U	30900	89100	2910	< 22.7	1140	552	35.0	1730
Aroclor 1254	ug/kg	NE	NE	NE	< 22.7 U	< 52.2 U	< 25.9 U	< 25.8 U	< 24.6 U	< 22.7	< 21.5 U	< 20.9 U	< 28.4 U	< 26.2 U
Aroclor 1260	ug/kg	NE	NE	NE	< 22.7 U	< 52.2 U	618	1010	147	< 22.7	34.3	37.4	< 28.4 U	64.3
Aroclor 1262	ug/kg	NE	NE	NE	< 22.7 U	< 52.2 U	< 25.9 U	< 25.8 U	< 24.6 U	< 22.7	< 21.5 U	< 20.9 U	< 28.4 U	< 26.2 U
Aroclor 1268	ug/kg	NE	NE	NE	< 22.7 U	< 52.2 U	< 25.9 U	< 25.8 U	< 24.6 U	< 22.7	< 21.5 U	< 20.9 U	< 28.4 U	< 26.2 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 22.7 U	< 52.2 U	31518	90110	3060	< 22.7 U	1170	589	35.0	1790
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	Y13-SS71 0 - 0.25 ft Y13SS71 0-3 8/31/2011 SB34491	Y13-SS71 0 - 0.5 ft Y13-SS71-080411 8/4/2011 SB32875	Y14-SB314 12.5 - 13.5 ft 4-SB314(12.5-13.5)-040912-1	Y14-SB314 4 - 4.5 ft Y14-SB314(4-4.5)-040912-1	Y14-SB314 9 - 10 ft Y14-SB314(9-10)-040912-1	Y14-SS304 0 - 0.25 ft Y14SS304 0-3-082311 8/23/2011 SB34022	Y14-SS72 0 - 0.25 ft Y14 SS72 0-3 8/11/2011 SB33302	Y14-SS72 0 - 0.5 ft Y14-SS72-080411 8/4/2011 SB32875	Y15-SB310 10 - 11 ft Y15-SB310(10-11)-040912-1	Y15-SB310 10 - 11 ft Y15-SB310(10-11)-040912-1
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 30.3	< 23.3 U	< 22.5 U	26500	2660	1530	2010	1650	5020 J	841 J
Aroclor 1254	ug/kg	NE	NE	NE	< 30.3	< 23.3 U	< 22.5 U	< 21.2 U	< 25.1 U	< 22.0 U	< 26.0 U	< 25.0 U	< 24.3 U	< 25.3 U
Aroclor 1260	ug/kg	NE	NE	NE	< 30.3	< 23.3 U	< 22.5 U	188	< 25.1 U	45.1	53.3	45.0	74.5 J	29.7 J
Aroclor 1262	ug/kg	NE	NE	NE	< 30.3	< 23.3 U	< 22.5 U	< 21.2 U	< 25.1 U	< 22.0 U	< 26.0 U	< 25.0 U	< 24.3 U	< 25.3 U
Aroclor 1268	ug/kg	NE	NE	NE	< 30.3	< 23.3 U	< 22.5 U	< 21.2 U	< 25.1 U	< 22.0 U	< 26.0 U	< 25.0 U	< 24.3 U	< 25.3 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 30.3 U	< 23.3 U	< 22.5 U	26688	2660	1580	2060	1700	5094.5	871
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	Y15-SB310 13 - 13.5 ft 15-SB310(13-13.5)-040912 4/9/2012 SB46946	Y15-SB310 2.5 - 3 ft 15-SB310(2.5-3)-040912-1 4/9/2012 SB46946	Y15-SS303 0 - 0.25 ft Y15SS303 0-3-082311 8/23/2011 SB34022	Y15-SS73 0 - 0.5 ft Y15-SS73-080411 8/4/2011 SB32875	Y16.5 3 - 3.5 ft Y16.5 (3-3.5)-1 9/18/2020 20I1050	Y16-SB63 1 - 2 ft Y16-SB63 1-2 8/10/2011 SB33209	Y16-SB63 11 - 12 ft Y16-SB63 11-12 8/10/2011 SB33218	Y16-SB63 2 - 3 ft Y16-SB63 2-3 8/10/2011 SB33218	Y16-SB63 3 - 3.7 ft Y16-SB63 3-3.7 8/10/2011 SB33218	Y16-SB63 5 - 6 ft Y16-SB63 5-6 8/10/2011 SB33218
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	40300	1100	3610	389	31000	1420	< 32.7 U	536	636000	243000
Aroclor 1254	ug/kg	NE	NE	NE	< 21.5 U	< 21.3 U	< 24.4 U	< 21.9 U	< 1900	< 21.7 U	< 32.7 U	< 21.2 U	< 20.4 U	< 22.1 U
Aroclor 1260	ug/kg	NE	NE	NE	487	34.5	106	< 21.9 U	< 1900	46.7	< 32.7 U	< 21.2 U	< 40800 U	3050
Aroclor 1262	ug/kg	NE	NE	NE	< 21.5 U	< 21.3 U	< 24.4 U	< 21.9 U	< 1900	< 21.7 U	< 32.7 U	< 21.2 U	< 20.4 U	< 22.1 U
Aroclor 1268	ug/kg	NE	NE	NE	< 21.5 U	< 21.3 U	< 24.4 U	< 21.9 U	< 1900	< 21.7 U	< 32.7 U	< 21.2 U	< 20.4 U	< 22.1 U
Total PCB Aroclors	ug/kg	NE	NE	1000	40787	1130	3720	389	31000	1470	< 32.7 U	536	636000	246050
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.242 U
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	19.1
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.242 U
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	19.1

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	Y16-SB63 6 - 7 ft Y16-SB63 6-7 8/10/2011 SB33218	Y16-SB63 7 - 8 ft Y16-SB63 7-8 8/10/2011 SB33218	Y16-SB63 8 - 9 ft Y16-SB63 8-9 8/10/2011 SB33218	Y16-SS74 0 - 0.5 ft Y16-SS74-080411 8/4/2011 SB32875	Y19-SB265 3 - 4 ft Y19-SB265 (3-4)-122811-1 12/28/2011 SB41712	Y19-SB265 4 - 5 ft Y19-SB265 (4-5)-122811-1 12/28/2011 SB41712	Y19-SB265 5 - 6 ft Y19-SB265 (5-6)-122811-1 12/28/2011 SB41712	Y21-SB66 0 - 0.5 ft DUPLICATE-10 8/10/2011 SB33209	Y21-SB66 0 - 1 ft Y21-SB66 0-1 8/10/2011 SB33209	Y21-SB66 1 - 2 ft Y21-SB66 1-2 8/10/2011 SB33209
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	33300	267	< 21.4 U	1690	< 21.4 U	< 22.5 U	< 28.3 U	< 20.6 U	43.6	178
Aroclor 1254	ug/kg	NE	NE	NE	< 21.4 U	< 21.2 U	< 21.4 U	< 21.2 U	< 21.4 U	< 22.5 U	< 28.3 U	< 20.6 U	< 22.6 U	< 21.4 U
Aroclor 1260	ug/kg	NE	NE	NE	303	< 21.2 U	< 21.4 U	55.1	< 21.4 U	36.1	< 28.3 U	< 20.6 U	< 22.6 U	< 21.4 U
Aroclor 1262	ug/kg	NE	NE	NE	< 21.4 U	< 21.2 U	< 21.4 U	< 21.2 U	< 21.4 U	< 22.5 U	< 28.3 U	< 20.6 U	< 22.6 U	< 21.4 U
Aroclor 1268	ug/kg	NE	NE	NE	< 21.4 U	< 21.2 U	< 21.4 U	< 21.2 U	< 21.4 U	< 22.5 U	< 28.3 U	< 20.6 U	< 22.6 U	< 21.4 U
Total PCB Aroclors	ug/kg	NE	NE	1000	33603	267	< 21.4 U	1750	< 21.4 U	36.1	< 28.3 U	< 20.6 U	43.6	178
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	Y21-SB66 2 - 2.7 ft Y21-SB66 2-2.7 8/10/2011 SB33209	Y21-SB66 9 - 10 ft Y21-SB66 9-10 8/10/2011 SB33209	Y7 1.5 - 2 ft Y7(1.5-2)-1 9/17/2020 2010953	Y7-SB273 3 - 5 ft Y7-SB273(3-5)-122911-1 12/29/2011 SB41766	Y7-SB273 5 - 6 ft Y7-SB273(5-6)-122911-1 12/29/2011 SB41766	Y7-SS68 0 - 0.5 ft Y7-SS68-080411 8/4/2011 SB32875	Y9 1.5 - 2 ft Y9(1.5-2)-1 9/17/2020 2010953	Y9-SB359 2 - 3 ft Y9-SB359 (2-3)-041112-1 4/11/2012 SB47192	Y9-SB359 3.5 - 4 ft Y9-SB359 (3.5-4)-041112-1 4/11/2012 SB47192	Y9-SS315 0 - 0.25 ft Y9SS315 0-3-082311 8/23/2011 SB34022
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 24.4 U	< 21.3 U	2200	3240	1050	200	5700	< 631 U	< 41.2 U	225
Aroclor 1254	ug/kg	NE	NE	NE	< 24.4 U	< 21.3 U	1100	< 25.0 U	< 24.5 U	< 21.9 U	< 890	< 631 U	< 41.2 U	< 26.8 U
Aroclor 1260	ug/kg	NE	NE	NE	< 24.4 U	< 21.3 U	130	106	42.9	< 21.9 U	< 890	< 126 U	< 20.6 U	< 26.8 U
Aroclor 1262	ug/kg	NE	NE	NE	< 24.4 U	< 21.3 U	< 100	< 25.0 U	< 24.5 U	< 21.9 U	< 890	< 126 U	< 20.6 U	< 26.8 U
Aroclor 1268	ug/kg	NE	NE	NE	< 24.4 U	< 21.3 U	< 100	< 25.0 U	< 24.5 U	< 21.9 U	< 890	< 126 U	< 20.6 U	< 26.8 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 24.4 U	< 21.3 U	3430	3350	1090	200	5700	< 631 U	< 41.2 U	225
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	< 0.200 U	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	< 0.200 U	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	< 0.200 U	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	< 0.200 U	NS	NS	NS	NS	NS

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Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	Y9-SS69 0 - 0.25 ft Y9SS69 0-3 8/31/2011 SB34491	Y9-SS69 0 - 0.5 ft Y9-SS69-080411 8/4/2011 SB32875	Z/AA13 1 - 1.5 ft Z/AA13 (1-1.5)-1 10/9/2020 20J0524	Z/AA13 3 - 4 ft Z/AA13 (3-4)-1 10/9/2020 20J0524	Z/AA13 4 - 5 ft Z/AA13 (4-5)-1 10/9/2020 20J0524	Z13-SB477 12 - 13 ft Z13-SB477 (12-13)71212-1 7/12/2012 SB52747	Z13-SB477 2 - 3 ft Z13-SB477 (2-3)71212-1 7/12/2012 SB52747	Z13-SB477 8 - 9 ft Z13-SB477 (8-9)71212-1 7/12/2012 SB52747	Z14A-SB313 2.5 - 3 ft Z14A-SB313(2.5-3)-040912-1 4/9/2012 SB46946	Z14A-SB313 5.5 - 6 ft Z14A-SB313(5.5-6)-040912-1 4/9/2012 SB46946
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 27.0	39.3	360	120	1300	1420	314	1150000	< 21.6 U	39300
Aroclor 1254	ug/kg	NE	NE	NE	< 27.0	< 20.9 U	< 87	< 86	< 88	< 60.1 U	< 20.9 U	< 51900 U	< 21.6 U	< 20.9 U
Aroclor 1260	ug/kg	NE	NE	NE	< 27.0	< 20.9 U	< 87	< 86	140	< 60.1 U	< 20.9 U	< 51900 U	< 21.6 U	736
Aroclor 1262	ug/kg	NE	NE	NE	< 27.0	< 20.9 U	< 87	< 86	< 88	< 60.1 U	< 20.9 U	< 51900 U	< 21.6 U	< 20.9 U
Aroclor 1268	ug/kg	NE	NE	NE	< 27.0	< 20.9 U	< 87	< 86	< 88	< 60.1 U	< 20.9 U	< 51900 U	< 21.6 U	< 20.9 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 27.0 U	39.3	360	120	1440	1420	314	1150000	< 21.6 U	40036
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	Z14-SB272 11 - 12 ft Z14-SB272(11-12)-122911- 12/29/2011 SB41766	Z14-SB272 9 - 10 ft Z14-SB272(9-10)-122911- 12/29/2011 SB41766	Z15-SB312 4 - 5.5 ft Z15-SB312(4-5.5)-040912- 4/9/2012 SB46946	Z15-SB312 9 - 10 ft Z15-SB312(9-10)-040912- 4/9/2012 SB46946	Z15-SS305 0 - 0.25 ft Z15SS305 0-3-082311 8/23/2011 SB34022	Z15-SS75 0 - 0.5 ft Z15-SS75-080411 8/4/2011 SB32875	Z16-SB311 12 - 12.5 ft 16-SB311(12-12.5)-040912 4/9/2012 SB46946	Z16-SB311 3 - 3.5 ft Z16-SB311(3-3.5)-040912- 4/9/2012 SB46946	Z16-SB311 6.5 - 7.5 ft 16-SB311(6.5-7.5)-040912- 4/9/2012 SB46946	Z16-SS76 0 - 0.5 ft Z16-SS76-080411 8/4/2011 SB32875
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 12900 U	< 22.0 U	< 20.7 U	1890000	368	348	102000	16000 PE	96900	421
Aroclor 1254	ug/kg	NE	NE	NE	< 12900 U	< 22.0 U	< 20.7 U	< 31600 U	< 26.9 U	< 22.2 U	< 22.3 U	< 20.3 U	< 26.6 U	< 21.4 U
Aroclor 1260	ug/kg	NE	NE	NE	18100	1700	< 20.7 U	< 31600 U	< 26.9 U	< 22.2 U	621	390	1250	< 21.4 U
Aroclor 1262	ug/kg	NE	NE	NE	< 12900 U	< 22.0 U	< 20.7 U	< 31600 U	< 26.9 U	< 22.2 U	< 22.3 U	< 20.3 U	< 26.6 U	< 21.4 U
Aroclor 1268	ug/kg	NE	NE	NE	< 12900 U	< 22.0 U	< 20.7 U	< 31600 U	< 26.9 U	< 22.2 U	< 22.3 U	< 20.3 U	< 26.6 U	< 21.4 U
Total PCB Aroclors	ug/kg	NE	NE	1000	1810000	345700	< 20.7 U	1890000	368	348	102621	16200	98150	421
PCBs-SPLP														
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

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**Table 3-1
AOC 1 PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	Z18-SB382 3 - 4 ft Z18-SB382 (3-4)-062512-1 6/25/2012 SB51792	Z18-SB382 6 - 7 ft Z18-SB382 (6-7)-062512-1 6/25/2012 SB51792	Z20-SB399 1 - 2 ft Z20-SB399 (1-2)-062712-1 6/27/2012 SB51902	Z8-SS316 0 - 0.25 ft Z8SS316 0-3-082311 8/23/2011 SB34022	Z8-SS318 0 - 0.25 ft Z8SS318 0-3 8/31/2011 SB34491	Z9 1.5 - 2 ft Z9 (1-1.5)-1 9/21/2020 2011104
PCBs										
Aroclor 1248	ug/kg	NE	NE	NE	< 21.5 U	44.6	< 43.3 U	< 26.3 U	597	7700
Aroclor 1254	ug/kg	NE	NE	NE	< 21.5 U	< 21.7 U	< 21.6 U	< 26.3 U	< 24.0	< 980
Aroclor 1260	ug/kg	NE	NE	NE	< 21.5 U	< 21.7 U	< 21.6 U	< 26.3 U	< 24.0	< 980
Aroclor 1262	ug/kg	NE	NE	NE	< 21.5 U	< 21.7 U	< 21.6 U	< 26.3 U	< 24.0	< 980
Aroclor 1268	ug/kg	NE	NE	NE	< 21.5 U	< 21.7 U	< 21.6 U	< 26.3 U	< 24.0	< 980
Total PCB Aroclors	ug/kg	NE	NE	1000	< 21.5 U	44.6	< 43.3 U	< 26.3 U	597	7700
PCBs-SPLP										
Aroclor 1242	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

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Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Greenwich High School
 10 Hillside Road
 Greenwich, CT

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AA10-SB473 3 - 4 ft 7/12/2012 SB52747	AA10-SB473 7 - 8 ft 7/12/2012 SB52747	AA10-SB473 12 - 13 ft 7/12/2012 SB52747	AA12-SB452 12 - 13 ft 7/10/2012 SB52560	AA12-SB452 3.5 - 4 ft 7/10/2012 SB52560	AA12-SB452 6 - 7 ft 7/10/2012 SB52560	AA12-SB452 7.5 - 8 ft 7/10/2012 SB52560	AA13-SB475 1 - 2 ft 7/12/2012 SB52747	AA14-SB476 1 - 2 ft 7/12/2012 SB52747	AA14-SB476 8 - 9 ft 7/12/2012 SB52747	AA15-SB416 2 - 3 ft 6/29/2012 SB52073	AA15-SB416 5 - 6 ft 6/29/2012 SB52073	AA16-SB418 11.5 - 12.5 ft 7/12/2012 SB52216	AA16-SB418 4 - 5 ft 7/12/2012 SB52216
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg		500	2500	NE	500	NS	678	NS	NS	NS	NS	315	NS	NS	55.7	NS	< 30.7 U	NS	NS
Total Petroleum Hydrocarbons	mg/kg		500	2500	NE	500	NS	678	NS	NS	NS	NS	315	NS	NS	55.7	NS	< 30.7 U	NS	NS
Unidentified	mg/kg		NE	NE	NE	NE	NS	678	NS	NS	NS	NS	315	NS	NS	55.7	NS	< 30.7 U	NS	NS
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l		NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS																				
1,1,1-Trichloroethane	ug/kg		4000	40000	NE	500000	NS	< 130 U	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg		1400	14000	NE	500000	NS	< 130 U	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg		NE	NE	NE	21000	NS	< 130 UJ	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	316	NS	NS	NS	780	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg		3100	3100	NE	500000	NS	< 130 U	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg		20	200	NE	6700	NS	< 130 U	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	153	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg		12000	120000	NE	500000	NS	< 130 U	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg		1500	15000	NE	26000	NS	175	NS	NS	NS	571	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg		8000	80000	NE	500000	NS	< 1300 U	NS	NS	NS	< 5650 U	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg		14000	140000	NE	500000	NS	< 1300 U	NS	NS	NS	< 5650 U	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg		20	200	NE	21000	NS	134	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg		2000	20000	NE	500000	NS	< 130 U	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg		NE	NE	NE	130000	NS	< 260 U	NS	NS	NS	< 1130 U	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg		1400	14000	NE	500000	NS	287	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg		NE	NE	NE	NE	NS	< 130 U	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg		10100	10100	NE	500000	NS	270 J	NS	NS	NS	616	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg		NE	NE	NE	500000	NS	< 130 U	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg		NE	19500	NE	NE	NS	475	NS	NS	NS	4010	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg		7000	14000	NE	500000	NS	< 1300 U	NS	NS	NS	< 5650 U	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	2060	NS	NS	NS	35100	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	< 130 U	NS	NS	NS	< 565 UJ	NS	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg		NE	NE	NE	500000	NS	< 130 U	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg		NE	19500	NE	NE	NS	147 J	NS	NS	NS	627 J	NS	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg		NE	NE	NE	500000	NS	342	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	< 130 U	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg		2000	20000	NE	500000	NS	< 130 U	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg		NE	NE	NE	500000	NS	< 130 U	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg		100	1000	NE	12000	NS	138	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg		20000	67000	NE	500000	NS	290	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg		19500	19500	NE	NE	NS	622	NS	NS	NS	4640	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg		2000	20000	NE	500000	NS	< 130 U	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg		100	1000	NE	56000	NS	512	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg		40	400	NE	320	NS	< 130 UJ	NS	NS	NS	< 565 U	NS	NS	NS	NS	NS	NS	NS	NS
VOCS-SPLP																				
Total VOC-SPLP	ug/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg		200	1000	NE	21000	NS	< 11300 U	NS	NS	NS	NS	< 962 U	NS	NS	< 201 U	NS	< 187 U	NS	NS
2-Methylnaphthalene	ug/kg		560	5600	NE	270000	NS	< 11300 U	NS	NS	NS	NS	< 962 U	NS	NS	< 201 U	NS	< 187 U	NS	NS
Acenaphthene	ug/kg		8400	84000	NE	1000000	NS	< 11300 U	NS	NS	NS	NS	1200	NS	NS	< 201 U	NS	< 187 U	NS	NS
Acenaphthylene	ug/kg		8400	84000	NE	1000000	NS	< 11300 U	NS	NS	NS	NS	< 962 U	NS	NS	< 201 U	NS	< 187 U	NS	NS
Anthracene	ug/kg		40000	400000	NE	1000000	NS	< 11300 U	NS	NS	NS	NS	2730	NS	NS	< 201 U	NS	< 187 U	NS	NS
Benzo(a)anthracene	ug/kg		1000	1000	NE	1000	NS	< 11300 U	NS	NS	NS	NS	4240	NS	NS	< 201 U	NS	< 187 U	NS	NS
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	< 11300 U	NS	NS	NS	NS	4150	NS	NS	< 201 U	NS	< 187 U	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	< 11300 U	NS	NS	NS	NS	3570	NS	NS	< 201 U	NS	< 187 U	NS	NS
Benzo(g,h,i)perylene	ug/kg		1000	1000	NE	8400	NS	< 11300 U	NS	NS	NS	NS	2640	NS	NS	< 201 U	NS	< 187 U	NS	NS
Benzo(k)fluoranthene	ug/kg		1000	1000	NE	8400	NS	< 11300 U	NS	NS	NS	NS	3060	NS	NS	< 201 U	NS	< 187 U	NS	NS
Bis(2-ethylhexyl)phthalate	ug/kg		1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg		1000	1000	NE	84000	NS	< 11300 U	NS	NS	NS	NS	3970	NS	NS	< 201 U	NS	< 187 U	NS	NS
Dibenzo(a,h)anthracene	ug/kg		1000	1000	NE	1000	NS	< 11300 U	NS	NS	NS	NS	< 962 U	NS	NS	< 201 U	NS	< 187 U	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	17100	NS	NS	NS	NS	9840	NS	NS	< 201 U	NS	< 187 U	NS	NS
Fluorene	ug/kg		5600	56000	NE	1000000	NS	< 11300 U	NS	NS	NS	NS	1350	NS	NS	< 201 U	NS	< 187 U	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg		1000	1000	NE	1000	NS	< 11300 U	NS	NS	NS	NS	2520	NS	NS	< 201 U	NS	< 187 U	NS	NS
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	< 11300 U	NS	NS	NS	NS	1260	NS	NS	< 201 U	NS	< 187 U	NS	NS
Phenanthrene	ug/kg		4000	40000	NE	1000000	NS	12400	NS	NS	NS	NS	9060	NS	NS	< 201 U	NS	< 187 U	NS	NS
Pyrene	ug/kg		4000	40000	NE	1000000	NS	12300	NS	NS	NS									

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AA10-SB473 3 - 4 ft 7/12/2012 SB52747	AA10-SB473 7 - 8 ft 7/12/2012 SB52747	AA10-SB473 12 - 13 ft 7/12/2012 SB52747	AA12-SB452 12 - 13 ft 7/10/2012 SB52560	AA12-SB452 3.5 - 4 ft 7/10/2012 SB52560	AA12-SB452 6 - 7 ft 7/10/2012 SB52560	AA12-SB452 7.5 - 8 ft 7/10/2012 SB52560	AA13-SB475 1 - 2 ft 7/12/2012 SB52747	AA14-SB476 1 - 2 ft 7/12/2012 SB52747	AA14-SB476 8 - 9 ft 7/12/2012 SB52747	AA15-SB416 2 - 3 ft 6/29/2012 SB52073	AA15-SB416 5 - 6 ft 6/29/2012 SB52073	AA16-SB418 11.5 - 12.5 ft 7/12/2012 SB52216	AA16-SB418 4 - 5 ft 7/2/2012 SB52216
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 5.44 UJ	< 6.58 UJ	< 32.9 UJ	< 14.6 UJ	12.2 J	< 5.60 UJ	NS	< 5.09 UJ	< 5.15 UJ	< 5.78 UJ	< 5.42 UJ	< 5.34 UJ	< 5.46 UJ	< 5.69 UJ
Arsenic	mg/kg	NE	NE	NE	10	4.87	14.4	< 11.5 U	5.44 J	22.5 J	14.0 J	NS	3.77	3.85	< 8.67 U	< 8.13 U	< 3.20 U	3.56 J	2.88 J
Barium	mg/kg	NE	NE	NE	4700	94.9	879	275	282	927	275	NS	90.9	103	93.8	79.8	53.5 J	53.5 J	73.2 J
Beryllium	mg/kg	NE	NE	NE	2	0.649	< 0.658 U	< 0.658 U	< 1.46 U	< 0.637 U	< 0.560 U	NS	0.799	0.816	0.862	0.575	< 0.534 U	< 0.546 UJ	< 0.569 UJ
Cadmium	mg/kg	NE	NE	NE	34	0.552	6.35	4.16	< 1.46 U	8.98	1.98	NS	< 0.509 U	< 0.515 U	< 0.578 U	< 0.542 U	< 0.534 U	< 0.546 UJ	< 0.569 UJ
Chromium	mg/kg	NE	NE	NE	103	22.4	55.7	17.1	93.0	41.2	20.9	NS	25.0	32.7	31.2	20.9	18.1	12.0 J	16.5 J
Copper	mg/kg	NE	NE	NE	2500	135	369	404	42.4	850	178	NS	17.9	16.8	19.9	19.3	17.7	9.97 J	19.7 J
Lead	mg/kg	NE	NE	NE	400	41.5 J	1920 J	967 J	4.59 J	4050 J	366 J	NS	15.5 J	21.5 J	19.7 J	28.6	35.5	9.85 J	51.5 J
Mercury	mg/kg	NE	NE	NE	20	0.106	1.87	0.645	0.166	1.20	0.261	NS	0.0403	0.118	0.0344	0.114 J+	0.0588 J+	< 0.0326 U	0.0327 J+
Nickel	mg/kg	NE	NE	NE	1400	13.7 J	96.9 J	97.4 J	13.7	86.8	26.1	NS	11.9 J	13.0	13.6 J	12.8	13.8	10.0 J	18.2 J
Selenium	mg/kg	NE	NE	NE	340	< 1.63 U	< 1.97 U	< 1.97 U	< 4.37 U	< 1.91 U	< 1.68 U	NS	< 1.53 U	< 1.55 U	< 1.73 U	< 1.63 U	< 1.60 U	< 1.64 UJ	< 1.71 UJ
Silver	mg/kg	NE	NE	NE	340	< 1.63 U	< 1.97 U	< 1.97 U	< 4.37 U	< 1.91 U	< 1.68 U	NS	< 1.53 U	< 1.55 U	< 1.73 U	< 1.63 U	< 1.60 U	< 1.64 UJ	< 1.71 UJ
Thallium	mg/kg	NE	NE	NE	5.4	< 3.26 U	< 3.95 U	< 19.7 U	< 8.75 U	< 3.82 U	< 3.36 U	NS	< 3.05 U	< 3.09 U	< 3.47 U	< 3.25 U	< 3.20 U	< 3.28 UJ	< 3.41 UJ
Vanadium	mg/kg	NE	NE	NE	470	25.4	7600	25.2	158	22.9	26.4	NS	26.9	32.5	34.9	26.4	20.3	16.5	18.2
Zinc	mg/kg	NE	NE	NE	20000	54.5	1810	1230	9.36 J	2480 J	395 J	NS	35.9	40.5	48.8	53.8	47.7	20.3 J	73.9 J
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	180	< 556 U	< 2780 U	< 63.1 U	< 30200 U	< 109 U	NS	< 23.1 U	< 21.4 U	1980	< 23.9 U	< 22.5 U	< 21.2 U	< 211 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 21.1 U	12700 J+	65600	164	856000	5150	NS	7050	5680 J	< 22.7 U	< 23.9 U	911	170	17500
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 21.1 U	< 556 U	< 2780 U	< 63.1 U	< 30200 U	< 109 U	NS	< 23.1 U	< 21.4 U	< 22.7 U	< 23.9 U	< 22.5 U	< 21.2 U	< 211 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 21.1 U	< 556 U	< 2780 U	< 63.1 U	< 30200 U	< 109 U	NS	89.0	139 J+	54.4	< 23.9 U	27.0	< 21.2 U	< 211 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 21.1 U	< 556 U	< 2780 U	< 63.1 U	< 30200 U	< 109 U	NS	< 23.1 U	< 21.4 U	< 22.7 U	< 23.9 U	< 22.5 U	< 21.2 U	< 211 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	180	12700	65600	164	856000	5150	NS	7139	5819	2034.4	< 23.9 U	938	170	17500
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AA16-SB418 7 - 8 ft 16-SB418(7-8)0702 7/2/2012 SB52216	AA17-SB261 10 - 11 ft 12/28/2011 SB41712	AA17-SB261 4 - 5 ft 7-SB261 (4-5)-1228 12/28/2011 SB41712	AA17-SB261 5 - 6 ft 7-SB261 (5-6)-1228 12/28/2011 SB41712	AA19-SB264 12 - 13 ft SB264 (12-13)-1228 12/28/2011 SB41712	AA19-SB264 4 - 5 ft 9-SB264 (4-5)-1228 12/28/2011 SB41712	AA19-SB264 6 - 7 ft 9-SB264 (6-7)-1228 12/28/2011 SB41712	AA19-SB264 7 - 7.5 ft SB264 (7-7.5)-1228 12/28/2011 SB41712	AA7-SB460 12 - 13 ft 7-SB460 (12-13)7111 7/11/2012 SB52651	AA7-SB460 4 - 5 ft 7-SB460 (4-5)7111 7/11/2012 SB52651	AA7-SB460 7 - 8 ft 7-SB460 (7-8)7111 7/11/2012 SB52651	AA8 1 - 2 ft AA8(1-2)-1 9/17/2020 20I0953	AA8 1 - 2 ft AA8(1-2)-2 9/17/2020 20I0953	AA8-SB274 0 - 1 ft 8-SB274(0-1)-12291 12/29/2011 SB41766
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	3850 J+	NS	NS	558	NS	NS	NS	< 45.3 U	NS	NS	< 56.4 U	110	140	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	3850 J+	NS	NS	558	NS	NS	NS	< 45.3 U	NS	NS	< 56.4 U	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	3850 J+	NS	NS	558	NS	NS	NS	< 45.3 U	NS	NS	< 56.4 U	NS	NS	NS
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.15 U	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	3100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	< 2000 U	NS	NS	< 410 U	NS	NS	< 196 U	NS	NS	NS	< 363 U	NS	NS	NS
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	< 2000 U	NS	NS	< 410 U	NS	NS	< 196 U	NS	NS	NS	< 363 U	< 210	< 210	NS
Acenaphthene	ug/kg	8400	84000	NE	1000000	2430	NS	NS	< 410 U	NS	NS	< 196 U	NS	NS	NS	< 363 U	< 210	< 210	NS
Acenaphthylene	ug/kg	8400	84000	NE	1000000	< 2000 U	NS	NS	< 410 UJ	NS	NS	< 196 U	NS	NS	NS	< 363 U	< 210	< 210	NS
Anthracene	ug/kg	40000	400000	NE	1000000	2820	NS	NS	< 410 U	NS	NS	< 196 U	NS	NS	NS	< 363 U	< 210	< 210	NS
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	13600	NS	NS	808	NS	NS	< 196 U	NS	NS	NS	< 363 U	< 210	< 210	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	12500	NS	NS	852	NS	NS	< 196 U	NS	NS	NS	< 363 U	< 210	< 210	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	12000	NS	NS	813	NS	NS	< 196 U	NS	NS	NS	< 363 U	210	< 210	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	7720	NS	NS	< 410 U	NS	NS	< 196 U	NS	NS	NS	< 363 U	< 210	< 210	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	9800	NS	NS	792	NS	NS	< 196 U	NS	NS	NS	< 363 U	< 210	< 210	NS
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	< 196 U	NS	NS	NS	< 363 U	< 210	< 210	NS
Chrysene	ug/kg	1000	1000	NE	84000	12700	NS	NS	767	NS	NS	< 196 U	NS	NS	NS	< 363 U	< 210	< 210	NS
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	2750	NS	NS	< 410 U	NS	NS	< 196 U	NS	NS	NS	< 363 U	< 210	< 210	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	14400	NS	NS	1510	NS	NS	< 196 U	NS	NS	NS	< 363 U	220	< 210	NS
Fluorene	ug/kg	5600	56000	NE	1000000	2690	NS	NS	< 410 U	NS	NS	< 196 U	NS	NS	NS	< 363 U	< 210	< 210	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	8010	NS	NS	< 410 U	NS	NS	< 196 U	NS	NS	NS	< 363 U	< 210	< 210	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	7320	NS	NS	< 410 U	NS	NS	< 196 U	NS	NS	NS	532	< 210	< 210	NS
Phenanthrene	ug/kg	4000	40000	NE	1000000	8510	NS	NS	1100	NS	NS	< 196 U	NS	NS	NS	< 363 U	< 210	< 210	NS
Pyrene	ug/kg	4000	40000	NE	1000000	22300	NS	NS	1690	NS	NS	< 196 U	NS	NS	NS	< 363 U	220	< 210	NS
SVOCs-SPLP																			
1-Methylnaphthalene	ug/l	NE	NE	50	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/l	NE	NE	280	NE														

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AA16-SB418 7 - 8 ft 16-SB418(7-8)0702 7/2/2012 SB52216	AA17-SB261 10 - 11 ft 12/28/2011 SB41712	AA17-SB261 4 - 5 ft 12/28/2011 SB41712	AA17-SB261 5 - 6 ft 12/28/2011 SB41712	AA19-SB264 12 - 13 ft 12/28/2011 SB41712	AA19-SB264 4 - 5 ft 12/28/2011 SB41712	AA19-SB264 6 - 7 ft 12/28/2011 SB41712	AA19-SB264 7 - 7.5 ft 12/28/2011 SB41712	AA7-SB460 12 - 13 ft 7/11/2012 SB52651	AA7-SB460 4 - 5 ft 7/11/2012 SB52651	AA7-SB460 7 - 8 ft 7/11/2012 SB52651	AA8 1 - 2 ft 9/17/2020 20I0953	AA8 1 - 2 ft 9/17/2020 20I0953	AA8-SB274 0 - 1 ft 12/29/2011 SB41766
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 5.16 UJ	< 7.30 UJ	NS	< 5.53 UJ	< 5.15 UJ	NS	< 5.98 UJ	NS	< 15.2 UJ	< 7.51 UJ	< 9.30 UJ	NS	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	< 7.74 UJ	3.15 J	NS	3.12 J	1.92 J	NS	3.08 J	NS	< 4.57 UJ	< 2.25 U	< 2.79 U	< 4.1	< 4.0	NS
Barium	mg/kg	NE	NE	NE	4700	266 J	115 J	NS	121 J	51.2 J	NS	80.9 J	NS	150 J	156	264	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	< 0.516 UJ	< 0.730 U	NS	0.592	< 0.515 U	NS	< 0.598 U	NS	< 1.52 UJ	1.14	< 0.930 U	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	31.6 J-	1.04 J	NS	1.36 J	0.587 J	NS	0.766 J	NS	< 1.52 UJ	< 0.751 UJ	< 0.930 UJ	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	41.8 J-	29.5 J	NS	37.9 J	14.5 J	NS	20.6 J	NS	28.7 J	59.3	40.9	NS	NS	NS
Copper	mg/kg	NE	NE	NE	2500	109 J	17.3 J	NS	39.9 J	10.1 J	NS	14.8 J	NS	43.3 J	14.4 J	32.8 J	NS	NS	NS
Lead	mg/kg	NE	NE	NE	400	294 J	21.3 J	NS	576 J	5.24 J	NS	24.6 J	NS	5.78 J	22.3 J	7.75 J	47	43	NS
Mercury	mg/kg	NE	NE	NE	20	0.323 J+	< 1.34 U	NS	< 1.05 U	< 0.952 U	NS	< 1.13 U	NS	< 0.0989 UJ	0.122 J	< 0.0620 UJ	NS	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	32.3 J-	22.4 J	NS	26.3 J	11.9 J	NS	16.1 J	NS	42.5 J	15.5	29.0	NS	NS	NS
Selenium	mg/kg	NE	NE	NE	340	< 1.55 UJ	< 2.19 U	NS	< 1.66 U	< 1.55 U	NS	< 1.79 U	NS	< 4.57 UJ	< 2.25 UJ	< 2.79 UJ	NS	NS	NS
Silver	mg/kg	NE	NE	NE	340	< 1.55 UJ	< 2.19 UJ	NS	< 1.66 UJ	< 1.55 UJ	NS	< 1.79 UJ	NS	< 4.57 UJ	< 2.25 U	< 2.79 U	NS	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	< 3.10 UJ	< 4.38 U	NS	< 3.32 U	< 3.09 U	NS	< 3.59 U	NS	< 9.13 UJ	< 4.51 U	< 5.58 U	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	52.3	32.6 J	NS	56.2 J	18.6 J	NS	22.1 J	NS	29.1 J	33.3	50.0	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	360 J	54.0 J	NS	116 J	35.0 J	NS	43.9 J	NS	73.6 J	31.3 J	51.0 J	NS	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 23800 U	< 555 U	< 22.9 U	< 22.8 U	NS	< 427 U	< 23.7 U	NS	< 70.9 UJ	< 30.3 U	< 44.2 U	< 96	< 91	NS
Aroclor 1248	ug/kg	NE	NE	NE	NE	1410000	< 555 U	< 22.9 U	227000	NS	< 427 U	< 23.7 U	NS	344 J	267	314	1600	1800	NS
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 23800 U	< 555 U	< 22.9 U	< 22.8 U	NS	< 427 U	< 23.7 U	NS	< 70.9 UJ	< 30.3 U	< 44.2 U	< 96	< 91	NS
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 23800 U	< 555 U	< 22.9 U	3470	NS	< 427 U	< 23.7 U	NS	< 70.9 UJ	< 30.3 U	< 44.2 U	< 96	< 91	NS
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 23800 U	< 555 U	< 22.9 U	< 22.8 U	NS	< 427 U	< 23.7 U	NS	< 70.9 UJ	< 30.3 U	< 44.2 U	< 96	< 91	NS
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	1410000	< 555 U	< 22.9 U	230470	NS	< 427 U	< 23.7 U	NS	344	267	314	1600	1800	NS
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.85 U
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 6.16 U
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.85 U
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 6.16 U
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 24.6 U
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.85 U
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 6.16 U
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.85 U
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.85
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AA8-SB274 4.5 - 5 ft SB274(4.5-5)-1229 12/29/2011 SB41766	AA8-SB274 6.5 - 7.5 ft SB274(6.5-7.5)-1229 12/29/2011 SB41766	AB12-SB471 4 - 5 ft 12-SB471 (4-5)7121 7/12/2012 SB52747	AB13-SB467 4 - 5 ft 13-SB467 (4-5)7111 7/11/2012 SB52747	AB13-SB467 8 - 9 ft 13-SB467 (8-9)7111 7/11/2012 SB52747	AB13-SB467 8 - 9 ft 13-SB467 (8-9)7111 7/11/2012 SB52747	AB14-SB462 10 - 11 ft 14-SB462 (10-11)7111 7/11/2012 SB52651	AB14-SB462 13 - 14 ft 14-SB462 (13-14)7111 7/11/2012 SB52651	AB14-SB462 3 - 4 ft 14-SB462 (3-4)7111 7/11/2012 SB52651	AB14-SB462 9 - 10 ft 14-SB462 (9-10)7111 7/11/2012 SB52651	AB15-SB415 11.5 - 12.5 ft 15-SB415(11.5-12.5)-0629 6/29/2012 SB52073	AB15-SB415 3 - 4 ft 15-SB415(3-4)-0629 6/29/2012 SB52073	AB15-SB415 9 - 10 ft 15-SB415(9-10)-0629 6/29/2012 SB52073	AB16-SB417 1 - 2 ft 16-SB417(1-2)-0629 6/29/2012 SB52073
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg		500	2500	NE	500	786	NS	NS	NS	2690	2650	729	NS	NS	NS	NS	NS	2210	NS
Total Petroleum Hydrocarbons	mg/kg		500	2500	NE	500	786	NS	NS	NS	2690	2650	729	NS	NS	NS	NS	NS	2210	NS
Unidentified	mg/kg		NE	NE	NE	NE	786	NS	NS	NS	2690	2650	729	NS	NS	NS	NS	NS	2210	NS
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l		NE	NE	2.5	NE	< 0.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l		NE	NE	NE	NE	< 0.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l		NE	NE	NE	NE	< 0.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																				
1,1,1-Trichloroethane	ug/kg		4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	159	NS	NS	< 1250 U
1,1-Dichloroethane	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	819	NS	NS	< 1250 U
1,2,4-Trichlorobenzene	ug/kg		NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 119 U	NS	NS	< 1250 UJ
1,2,4-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	431	NS	NS	10400
1,2-Dichlorobenzene	ug/kg		3100	3100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 119 U	NS	NS	< 1250 U
1,2-Dichloroethane	ug/kg		20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 119 U	NS	NS	< 1250 U
1,3,5-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	235	NS	NS	1400
1,3-Dichlorobenzene	ug/kg		12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 119 U	NS	NS	< 1250 U
1,4-Dichlorobenzene	ug/kg		1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 119 U	NS	NS	< 1250 U
2-Butanone (MEK)	ug/kg		8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1190 U	NS	NS	< 12500 U
Acetone	ug/kg		14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1190 U	NS	NS	< 12500 U
Benzene	ug/kg		20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 119 U	NS	NS	< 1250 U
Chlorobenzene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 119 U	NS	NS	< 1250 U
Chloroethane	ug/kg		NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	812	NS	NS	< 2490 U
cis-1,2-Dichloroethylene	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	707	NS	NS	< 1250 U
Ethyl ether	ug/kg		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 119 U	NS	NS	< 1250 U
Ethylbenzene	ug/kg		10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	398	NS	NS	4150
Isopropylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 119 U	NS	NS	< 1250 U
m,p-Xylenes	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	728	NS	NS	7140
Methyl Isobutyl Ketone	ug/kg		7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1190 U	NS	NS	< 12500 U
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	420	NS	NS	11200
n-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 119 U	NS	NS	2930
n-Propylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 119 U	NS	NS	1660
o-Xylene	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	311 J	NS	NS	< 1250 U
p-Isopropyltoluene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	372	NS	NS	1710
sec-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 119 U	NS	NS	1990
Styrene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 119 U	NS	NS	< 1250 U
tert-butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 119 U	NS	NS	< 1250 U
Tetrachloroethylene	ug/kg		100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 119 U	NS	NS	< 1250 U
Toluene	ug/kg		20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	550	NS	NS	< 1250 U
Total Xylenes	ug/kg		19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1040	NS	NS	7140
trans-1,2-Dichloroethylene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 119 U	NS	NS	< 1250 U
Trichloroethene	ug/kg		100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	281	NS	NS	< 1250 U
Vinyl chloride	ug/kg		40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 119 UJ	NS	NS	< 1250 UJ
VOCs-SPLP																				
Total VOC-SPLP	ug/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg		200	1000	NE	21000	< 958 U	NS	NS	NS	< 2000 U	< 1060 U	< 436 U	NS	NS	NS	NS	NS	NS	< 2200 U
2-Methylnaphthalene	ug/kg		560	5600	NE	270000	< 958 U	NS	NS	NS	< 2000 U	1080	< 436 U	NS	NS	NS	NS	NS	NS	< 2200 U
Acenaphthene	ug/kg		8400	84000	NE	1000000	< 958 U	NS	NS	NS	< 2000 U	< 1060 U	< 436 U	NS	NS	NS	NS	NS	NS	< 2200 U
Acenaphthylene	ug/kg		8400	84000	NE	1000000	< 958 U	NS	NS	NS	< 2000 U	< 1060 U	< 436 U	NS	NS	NS	NS	NS	NS	< 2200 U
Anthracene	ug/kg		40000	400000	NE	1000000	< 958 UJ	NS	NS	NS	< 2000 U	1880	< 436 U	NS	NS	NS	NS	NS	NS	< 2200 U
Benzo(a)anthracene	ug/kg		1000	1000	NE	1000	2030	NS	NS	NS	< 2000 UJ	6130 J	< 436 U	NS	NS	NS	NS	NS	NS	< 2200 U
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	2000	NS	NS	NS	< 2000 UJ	5880 J	< 436 U	NS	NS	NS	NS	NS	NS	< 2200 U
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	2080	NS	NS	NS	< 2000 UJ	6000 J	< 436 U	NS	NS	NS	NS	NS	NS	< 2200 U
Benzo(g,h,i)perylene	ug/kg		1000	1000	NE	8400	< 958 U	NS	NS	NS	< 2000 UJ	3630 J	< 436 U	NS	NS	NS	NS	NS	NS	< 2200 UJ
Benzo(k)fluoranthene	ug/kg		1000	1000	NE	8400	2030	NS	NS	NS	< 2000 UJ	3640 J	< 436 U	NS	NS	NS	NS	NS	NS	< 2200 U
Bis(2-ethylhexyl)phthalate	ug/kg		1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg		1000	1000	NE	84000	2360 J	NS	NS	NS	< 2000 UJ	5790 J	< 436 U	NS	NS	NS	NS	NS	NS	< 2200 U
Dibenzo(a,h)anthracene	ug/kg		1000	1000	NE	1000	< 958 U	NS	NS	NS	< 2000 U	1060	< 436 U	NS	NS	NS	NS	NS	NS	< 2200 U
Fluoranthene	ug/kg		5600	56000	NE	1000000	3700 J	NS	NS	NS	< 2000 UJ	9140 J	524	NS	NS	NS	NS	NS	NS	< 2200 U
Fluorene	ug/kg		5600	56000	NE	1000000	< 958 U	NS	NS	NS	< 2000 U	2030	< 436 U	NS	NS	NS	NS	NS	NS	< 2200 UJ
Indeno(1,2,3-cd)pyrene	ug/kg		1000	1000	NE	1000	< 958 U	NS	NS	NS	< 2000 UJ	3860 J	< 436 U	NS	NS	NS	NS	NS	NS	< 2200 U
Naphthalene	ug/kg		5600	56000	NE	1000000	< 958 U	NS	NS	NS	< 2000 UJ									

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AA8-SB274 4.5 - 5 ft SB274(4.5-5)-1229 12/29/2011 SB41766	AA8-SB274 6.5 - 7.5 ft SB274(6.5-7.5)-1229 12/29/2011 SB41766	AB12-SB471 4 - 5 ft 12-SB471 (4-5)7121 7/12/2012 SB52747	AB13-SB467 4 - 5 ft 13-SB467 (4-5)7111 7/11/2012 SB52747	AB13-SB467 8 - 9 ft 13-SB467 (8-9)7111 7/11/2012 SB52747	AB13-SB467 8 - 9 ft 13-SB467 (8-9)7111 7/11/2012 SB52747	AB14-SB462 10 - 11 ft 14-SB462 (10-11)7114 7/11/2012 SB52651	AB14-SB462 13 - 14 ft 14-SB462 (13-14)7114 7/11/2012 SB52651	AB14-SB462 3 - 4 ft 14-SB462 (3-4)7111 7/11/2012 SB52651	AB14-SB462 9 - 10 ft 14-SB462 (9-10)7114 7/11/2012 SB52651	AB15-SB415 11.5 - 12.5 ft 15-SB415(11.5-12.5)-0629 6/29/2012 SB52073	AB15-SB415 3 - 4 ft 15-SB415(3-4)-0629 6/29/2012 SB52073	AB15-SB415 9 - 10 ft 15-SB415(9-10)-0629 6/29/2012 SB52073	AB16-SB417 1 - 2 ft 16-SB417(1-2)-0629 6/29/2012 SB52073
Metals																			
Antimony	mg/kg	NE	NE	NE	27	11.2 J-	< 5.71 UJ	< 5.25 UJ	< 5.24 UJ	< 5.27 UJ	< 6.33 UJ	NS	< 5.30 UJ	< 5.11 UJ	< 29.9 UJ	< 5.28 UJ	< 4.98 UJ	< 5.67 UJ	< 5.45 UJ
Arsenic	mg/kg	NE	NE	NE	10	28.4	< 2.97 U	< 7.88 U	< 7.86 U	21.1	< 18.4 U	NS	< 1.59 UJ	1.90	< 25.1 U	< 3.17 U	< 2.99 U	< 8.51 U	< 3.27 U
Barium	mg/kg	NE	NE	NE	4700	1250 J	127 J	286	193	852	831	NS	339	66.6	597	122	47.7	667	59.6
Beryllium	mg/kg	NE	NE	NE	2	< 0.720 U	0.722	< 0.525 U	< 0.524 U	< 0.527 U	< 0.633 U	NS	< 2.65 U	0.545	< 0.598 U	0.656	0.540	< 0.567 U	< 0.545 U
Cadmium	mg/kg	NE	NE	NE	34	12.6	< 0.571 U	2.12	1.51	8.38	7.66	NS	< 0.530 UJ	< 0.511 UJ	4.76 J	< 0.528 U	< 0.498 U	3.65	< 0.545 U
Chromium	mg/kg	NE	NE	NE	32.0 J	79.1 J	32.0 J	36.0	37.0	119	123	NS	72.7	20.3	144	41.7	20.3	52.2	16.2
Copper	mg/kg	NE	NE	NE	2500	460 J-	39.0 J-	161	84.5	459	406	NS	18.1 J	36.8 J	631 J	48.5	13.2	505	16.2
Lead	mg/kg	NE	NE	NE	400	3600	18.1	777 J	273	1880 J	1280 J	NS	11.5 J	20.9 J	1540 J	14.0	6.57	1800	10.7
Mercury	mg/kg	NE	NE	NE	20	1.05 J	< 0.0336 UJ	0.196	0.147 J+	1.05 J	5.57 J	NS	< 0.0315 UJ	0.0791 J	1.25 J	< 0.0307 U	< 0.0307 U	0.979 J+	< 0.0328 U
Nickel	mg/kg	NE	NE	NE	1400	44.3 J	16.0 J	28.6 J	21.5 J	146 J	112 J	NS	21.8	11.3	67.9	27.8	11.7	57.4	11.6
Selenium	mg/kg	NE	NE	NE	340	< 2.16 U	< 1.57 U	< 1.58 U	< 1.57 UJ	< 1.58 U	< 1.90 U	NS	< 1.57 UJ	< 1.53 UJ	< 1.80 UJ	< 1.59 U	2.48	< 1.70 U	< 1.64 U
Silver	mg/kg	NE	NE	NE	340	< 6.05 U	< 1.71 U	< 1.58 U	< 1.57 U	< 1.58 U	< 1.90 U	NS	< 2.39 U	< 1.53 U	< 1.80 U	< 1.59 U	< 1.49 U	< 1.70 U	< 1.64 U
Thallium	mg/kg	NE	NE	NE	5.4	< 4.32 U	< 3.43 U	< 3.15 U	< 3.15 U	< 3.16 U	< 3.80 U	NS	< 3.18 U	< 3.06 U	< 3.59 U	< 3.17 U	< 2.99 U	< 3.40 U	< 3.27 U
Vanadium	mg/kg	NE	NE	NE	470	71.0	42.2	41.9	30.0	126 J	57.1 J	NS	50.1	24.7	74.7	48.3	17.8	94.7	23.3
Zinc	mg/kg	NE	NE	NE	20000	3920 JEB	68.3 JEB	893	322	2150	1700	NS	47.8 J	43.8 J	1490 J	55.9	38.4	1650	35.4
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	8.7 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	< 4.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	314 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	< 2.5 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	6.4 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	25.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	72.9 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	5.1 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	84.6 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 27.4 U	155	105000	< 20.7 U	1060000	790000	NS	< 23.1 U	< 43.3 U	< 24100 U	< 21.4 U	< 41.3 U	< 2550 U	< 21.6 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	4110	< 22.8 U	< 2310 U	2120	< 23400 U	< 23600 U	NS	536	1890	263000	1040	< 41.3 U	146000	< 21.6 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 27.4 U	< 22.8 U	< 2310 U	< 20.7 U	< 23400 U	< 23600 U	NS	< 23.1 U	< 43.3 U	< 24100 U	< 21.4 U	< 20.6 U	< 2550 U	< 21.6 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	187	< 22.8 U	< 2310 U	95.2	< 23400 U	< 23600 U	NS	< 23.1 U	67.1	< 24100 U	< 21.4 U	< 20.6 U	< 2550 U	< 21.6 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 27.4 U	< 22.8 U	< 2310 U	< 20.7 U	< 23400 U	< 23600 U	NS	< 23.1 U	< 43.3 U	< 24100 U	< 21.4 U	< 20.6 U	< 2550 U	< 21.6 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	4300	155	105000	2215.2	1060000	790000	NS	536	1957.1	263000	1040	< 41.3 U	146000	< 21.6 U
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	< 0.211 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	< 0.211 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	< 0.211 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	< 0.211 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AB16-SB417 11.5 - 12.5 ft SB417(11.5-12.5)-06 6/29/2012 SB52073	AB16-SB417 7.2 - 8.5 ft SB417(7.2-8.5)-062 6/29/2012 SB52073	AB16-SS81 0 - 0.5 ft AB16-SS81-080411 8/4/2011 SB32875	AB16-SS81 0 - 0.25 ft AB16 SS81 0-3 8/10/2011 SB33302	AB17-SB385 11 - 12 ft -SB385 (11-12)-062 6/25/2012 SB51819	AB17-SB385 3 - 4 ft 7-SB385 (3-4)-0625 6/25/2012 SB51819	AB17-SB385 6 - 7 ft 7-SB385 (6-7)-0625 6/25/2012 SB51819	AB18-SB383 3 - 4 ft 8-SB383 (3-4)-0625 6/25/2012 SB51792	AB18-SB383 5.5 - 6.5 ft SB383 (5.5-6.5)-062 6/25/2012 SB51792	AB18-SB383 7 - 8 ft 8-SB383 (7-8)-0625 6/25/2012 SB51792	AB19-SB71 0 - 1 ft AB19-SB71 0-1 8/10/2011 SB33209	AB19-SB71 1 - 2 ft AB19-SB71 1-2 8/10/2011 SB33209	AB19-SB71 10 - 11 ft AB19-SB71 10-11 8/10/2011 SB33209	AB19-SB71 12 - 13 ft AB19-SB71 12-13 8/10/2011 SB33209
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	2190	NS	NS	NS	< 27.4 U	< 29.7 U	127	233	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	2190	NS	NS	NS	< 27.4 U	< 29.7 U	127	233	NS	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	2190	NS	NS	NS	< 27.4 U	< 29.7 U	127	233	NS	NS	NS	NS	NS
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	< 102 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	< 102 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	< 102 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	11500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	3100	NE	500000	NS	218	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	< 102 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	210	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	< 102 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	< 102 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	< 1020 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	< 1020 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	< 102 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	< 102 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	< 204 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	311	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	< 102 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	2360	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	756	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	7780	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	< 1020 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	8320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	2480	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	846	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	651 J+	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	1320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	874	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	< 102 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	129	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	< 102 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	752	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	8430	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	450	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	884	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	< 102 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	< 2160 U	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	< 2160 U	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	< 2160 U	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	< 2160 U	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
Anthracene	ug/kg	40000	400000	NE	1000000	NS	< 2160 U	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	< 2160 U	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	< 2160 U	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	< 2160 U	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	< 2160 U	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	< 2160 U	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	< 2160 U	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	< 2160 U	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	< 2160 U	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
Fluorene	ug/kg	5600	56000	NE	1000000	NS	< 2160 U	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	< 2160 U	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	7380	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	< 2160 U	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	< 2160 U	NS	NS	NS	NS	< 187 U	NS	< 413 U	NS	NS	NS	NS	NS
SVOCs-SPLP																			
1-Methylnaphthalene	ug/l	NE	NE	50	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/l	NE	NE	280	NE	NS	NS	NS											

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AB16-SB417 11.5 - 12.5 ft SB417(11.5-12.5)-06 6/29/2012 SB52073	AB16-SB417 7.2 - 8.5 ft SB417(7.2-8.5)-062 6/29/2012 SB52073	AB16-SS81 0 - 0.5 ft AB16-SS81-080411 8/4/2011 SB32875	AB16-SS81 0 - 0.25 ft AB16 SS81 0-3 8/11/2011 SB33302	AB17-SB385 11 - 12 ft SB385 (11-12)-062 6/25/2012 SB51819	AB17-SB385 3 - 4 ft 7-SB385 (3-4)-0625 6/25/2012 SB51819	AB17-SB385 6 - 7 ft 7-SB385 (6-7)-0625 6/25/2012 SB51819	AB18-SB383 3 - 4 ft 8-SB383 (3-4)-0625 6/25/2012 SB51792	AB18-SB383 5.5 - 6.5 ft 8-SB383 (5.5-6.5)-062 6/25/2012 SB51792	AB18-SB383 7 - 8 ft 8-SB383 (7-8)-0625 6/25/2012 SB51792	AB19-SB71 0 - 1 ft AB19-SB71 0-1 8/10/2011 SB33209	AB19-SB71 1 - 2 ft AB19-SB71 1-2 8/10/2011 SB33209	AB19-SB71 10 - 11 ft AB19-SB71 10-11 8/10/2011 SB33209	AB19-SB71 12 - 13 ft AB19-SB71 12-13 8/10/2011 SB33209
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 5.14 UJ	< 31.5 UJ	NS	NS	< 5.32 UJ	< 4.60 UJ	< 5.62 UJ	< 5.22 UJ	< 5.26 UJ	< 5.48 UJ	NS	NS	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	< 1.54 U	15.5	NS	NS	2.77	3.96	5.19	2.41	3.07	< 1.64 U	NS	NS	< 1.50 U	NS
Barium	mg/kg	NE	NE	NE	4700	61.1	1120	NS	NS	202	109	194	231	493	57.1	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	< 0.514 U	< 0.629 U	NS	NS	< 0.532 U	0.648	< 0.562 U	0.715	< 0.526 U	< 0.548 U	NS	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	< 0.514 U	4.66	NS	NS	< 0.532 U	< 0.460 U	0.572	1.08	1.90	< 0.548 U	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	17.3	17.3	145	NS	NS	67.5	28.1	70.2	49.0	23.5	12.9	NS	NS	NS	NS
Copper	mg/kg	NE	NE	NE	2500	17.3	398	NS	NS	30.0	19.3	31.6	54.5	140	9.28	NS	NS	NS	NS
Lead	mg/kg	NE	NE	NE	400	35.1	1340	NS	NS	15.8 J-	37.9 J-	29.2 J-	259	731	9.85	NS	NS	7.71	NS
Mercury	mg/kg	NE	NE	NE	20	< 0.0322 U	0.645 J+	NS	NS	0.0365	0.0321	0.0910	0.141	0.238	< 0.0330 U	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	12.6	64.7	NS	NS	23.8 J-	17.0 J-	26.0 J-	25.6	30.7	9.51	NS	NS	NS	NS
Selenium	mg/kg	NE	NE	NE	340	< 1.54 U	< 1.89 U	NS	NS	< 1.59 U	< 1.38 U	< 1.69 U	< 1.56 U	< 1.58 U	< 1.64 U	NS	NS	NS	NS
Silver	mg/kg	NE	NE	NE	340	< 1.54 U	< 3.77 U	NS	NS	< 1.59 U	< 1.38 U	< 1.69 U	< 1.56 U	< 1.58 U	< 1.64 U	NS	NS	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	< 3.08 U	< 3.77 U	NS	NS	< 3.19 U	< 2.76 U	< 3.37 U	< 3.13 U	< 3.16 U	< 3.29 U	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	21.3	51.1	NS	NS	44.9	28.9	49.3	40.8	35.2	16.6	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	64.4	2050	NS	NS	51.6	47.0	63.0	269	841	25.1	NS	NS	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 205 U	< 23900 U	< 21.2 U	< 23.7 U	< 22.9 U	< 21.3 U	< 21.0 U	< 22.9 U	< 22.7 U	< 22.4 U	< 21.0 U	< 21.7 U	NS	< 34.4 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	8140	967000	813	596	< 22.9 U	270	< 21.0 U	2290	1680	< 22.4 U	< 21.0 U	< 21.7 U	NS	< 34.4 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 205 U	< 23900 U	< 21.2 U	< 23.7 U	< 22.9 U	< 21.3 U	< 21.0 U	< 22.9 U	< 22.7 U	< 22.4 U	< 21.0 U	< 21.7 U	NS	< 34.4 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 205 U	< 23900 U	< 21.2 U	39.8	< 22.9 U	< 21.3 U	< 21.0 U	64.2	< 22.7 U	< 22.4 U	< 21.0 U	< 21.7 U	NS	< 34.4 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 205 U	< 23900 U	< 21.2 U	< 23.7 U	< 22.9 U	< 21.3 U	< 21.0 U	< 22.9 U	< 22.7 U	< 22.4 U	< 21.0 U	< 21.7 U	NS	< 34.4 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	8140	967000	813	636	< 22.9 U	270	< 21.0 U	2350	1680	< 22.4 U	< 21.0 U	< 21.7 U	NS	< 34.4 U
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	< 9.40 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	7.36	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	< 9.40 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	8.17 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	69.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	< 9.40 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	7.29	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	< 9.40 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	7.36	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AB19-SB71 2 - 3 ft	AB19-SB71 3 - 4 ft	AB19-SB71 4 - 4.4 ft	AB19-SB71 5 - 6 ft	AB19-SB71 6 - 7 ft	AB19-SB71 7 - 8 ft	AB19-SB71 8 - 8.5 ft	AB20-SB72 0 - 1 ft	AB20-SB72 1 - 2 ft	AB20-SB72 10 - 11 ft	AB20-SB72 12 - 13 ft	AB20-SB72 2 - 3 ft	AB20-SB72 3 - 4 ft	AB20-SB72 5 - 6 ft	
Sample ID	Sample Date						AB19-SB71 2-3	AB19-SB71 3-4	AB19-SB71 4-4.4	AB19-SB71 5-6	AB19-SB71 6-7	AB19-SB71 7-8	AB19-SB71 8-8.5	AB20-SB72 0-1	AB20-SB72 1-2	AB20-SB72 10-11	AB20-SB72 12-13	AB20-SB72 2-3	AB20-SB72 3-4	AB20-SB72 5-6	
SDG							8/10/2011 SB33209	8/10/2011 SB33209	8/10/2011 SB33209	8/10/2011 SB33209	8/10/2011 SB33209	8/10/2011 SB33209	8/10/2011 SB33209	8/10/2011 SB33209	8/10/2011 SB33209	8/10/2011 SB33209	8/10/2011 SB33209	8/10/2011 SB33209	8/10/2011 SB33209	8/10/2011 SB33209	
CTETPH																					
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	156	NS	NS	NS	NS	NS	NS	203	NS	NS	< 61.9 U	NS	107	63.2	NS	
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	156	NS	NS	NS	NS	NS	NS	203	NS	NS	< 61.9 U	NS	107	63.2	NS	
Unidentified	mg/kg	NE	NE	NE	NE	156	NS	NS	NS	NS	NS	NS	203	NS	NS	< 61.9 U	NS	107	63.2	NS	
CTETPH-SPLP																					
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VOCs																					
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,2-Dichlorobenzene	ug/kg	3100	3100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VOCs-SPLP																					
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
SVOC-SIMS																					
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
SVOCs																					
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	< 743 U	NS	NS	NS	NS	NS	NS	< 1290 U	NS	NS	NS	NS	< 397 U	NS	NS	
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	< 743 U	NS	NS	NS	NS	NS	NS	< 1290 U	NS	NS	NS	NS	< 397 U	NS	NS	
Acenaphthene	ug/kg	8400	84000	NE	1000000	< 743 U	NS	NS	NS	NS	NS	NS	< 1290 U	NS	NS	NS	NS	< 397 U	NS	NS	
Acenaphthylene	ug/kg	8400	84000	NE	1000000	< 743 U	NS	NS	NS	NS	NS	NS	< 1290 U	NS	NS	NS	NS	< 397 U	NS	NS	
Anthracene	ug/kg	40000	400000	NE	1000000	< 743 U	NS	NS	NS	NS	NS	NS	< 1290 U	NS	NS	NS	NS	< 397 U	NS	NS	
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	< 743 U	NS	NS	NS	NS	NS	NS	< 1290 U	NS	NS	NS	NS	< 397 U	NS	NS	
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	< 743 U	NS	NS	NS	NS	NS	NS	< 1290 U	NS	NS	NS	NS	< 397 U	NS	NS	
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	< 743 U	NS	NS	NS	NS	NS	NS	< 1290 U	NS	NS	NS	NS	< 397 U	NS	NS	
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	< 743 U	NS	NS	NS	NS	NS	NS	< 1290 U	NS	NS	NS	NS	< 397 U	NS	NS	
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	< 743 U	NS	NS	NS	NS	NS	NS	< 1290 U	NS	NS	NS	NS	< 397 U	NS	NS	
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chrysene	ug/kg	1000	1000	NE	84000	< 743 U	NS	NS	NS	NS	NS	NS	< 1290 U	NS	NS	NS	NS	< 397 U	NS	NS	
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	< 743 U	NS	NS	NS	NS	NS	NS	< 1290 U	NS	NS	NS	NS	< 397 U	NS	NS	
Fluoranthene	ug/kg	5600	56000	NE	1000000	< 743 U	NS	NS	NS	NS	NS	NS	< 1290 U	NS	NS	NS	NS	< 397 U	NS	NS	
Fluorene	ug/kg	5600	56000	NE	1000000	< 743 U	NS	NS	NS	NS	NS	NS	< 1290 U	NS	NS	NS	NS	< 397 U	NS	NS	
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	< 743 U	NS	NS	NS	NS	NS	NS	< 1290 U	NS	NS	NS	NS	< 397 U	NS	NS	
Naphthalene	ug/kg	5600	56000	NE	1000000	< 743 U	NS	NS	NS	NS	NS	NS	< 1290 U	NS	NS	NS	NS	< 397 U	NS	NS	
Phenanthrene	ug/kg	4000	40000	NE	1000000	< 743 U	NS	NS	NS	NS	NS	NS	< 1290 U	NS	NS	NS	NS	< 397 U	NS	NS	
Pyrene																					

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AB19-SB71 2 - 3 ft AB19-SB71 2-3 8/10/2011 SB33209	AB19-SB71 3 - 4 ft AB19-SB71 3-4 8/10/2011 SB33209	AB19-SB71 4 - 4.4 ft AB19-SB71 4-4.4 8/10/2011 SB33209	AB19-SB71 5 - 6 ft AB19-SB71 5-6 8/10/2011 SB33209	AB19-SB71 6 - 7 ft AB19-SB71 6-7 8/10/2011 SB33209	AB19-SB71 7 - 8 ft AB19-SB71 7-8 8/10/2011 SB33209	AB19-SB71 8 - 8.5 ft AB19-SB71 8-8.5 8/10/2011 SB33209	AB20-SB72 0 - 1 ft AB20-SB72 0-1 8/10/2011 SB33209	AB20-SB72 1 - 2 ft AB20-SB72 1-2 8/10/2011 SB33209	AB20-SB72 10 - 11 ft AB20-SB72 10-11 8/10/2011 SB33209	AB20-SB72 12 - 13 ft AB20-SB72 12-13 8/10/2011 SB33209	AB20-SB72 2 - 3 ft AB20-SB72 2-3 8/10/2011 SB33209	AB20-SB72 3 - 4 ft AB20-SB72 3-4 8/10/2011 SB33209	AB20-SB72 5 - 6 ft AB20-SB72 5-6 8/10/2011 SB33209
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	4.89	NS	NS	3.91	NS	NS	27.7	NS	NS	NS	NS	4.54	NS	NS
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	0.758	NS	NS	NS	NS	NS	1.40	NS	NS	NS	NS	0.548	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	27.8	NS	NS	NS	NS	NS	36.5	NS	NS	NS	NS	23.9	NS	NS
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	NE	400	110	NS	NS	85.3	NS	NS	212	NS	NS	NS	NS	31.1	NS	NS
Mercury	mg/kg	NE	NE	NE	20	0.0578	NS	NS	NS	NS	NS	0.215	NS	NS	NS	NS	0.0355	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 22.4 U	< 22.8 U	< 23.0 U	< 20.7 U	< 20.3 U	< 21.2 U	NS	< 20.9 U	< 21.3 U	NS	< 26.2 U	< 24.0 U	< 21.8 U	< 20.4 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	566	9270	< 23.0 U	2150	< 20.3 U	< 21.2 U	NS	< 20.9 U	222	NS	< 26.2 U	< 24.0 U	889 J	< 20.4 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 22.4 U	< 22.8 U	< 23.0 U	< 20.7 U	< 20.3 U	< 21.2 U	NS	< 20.9 U	< 21.3 U	NS	< 26.2 U	< 24.0 U	< 21.8 U	< 20.4 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 22.4 U	221	< 23.0 U	38.4	< 20.3 U	< 21.2 U	NS	< 20.9 U	< 21.3 U	NS	< 26.2 U	87.5	29.4	< 20.4 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 22.4 U	< 22.8 U	< 23.0 U	< 20.7 U	< 20.3 U	< 21.2 U	NS	< 20.9 U	< 21.3 U	NS	< 26.2 U	< 24.0 U	< 21.8 U	< 20.4 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	566	9491	< 23.0 U	2190	< 20.3 U	< 21.2 U	NS	< 20.9 U	222	NS	< 26.2 U	87.5	918	< 20.4 U
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	9.19	NS	NS	19.0	NS	NS	36.2	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	7.94	NS	NS	< 5.58 U	NS	NS	46.6	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	< 8.95 U	NS	NS	< 8.93 U	NS	NS	< 15.6 U	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	12.5 J	NS	NS	27.7 J	NS	NS	< 9.77 U	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	126	NS	NS	4170	NS	NS	< 39.1 U	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	< 8.95 U	NS	NS	< 8.93 U	NS	NS	< 15.6 U	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	24.5 J	NS	NS	27.0 J	NS	NS	< 9.77 U	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	< 8.95 U	NS	NS	< 8.93 U	NS	NS	< 15.6 U	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	17.13	NS	NS	19	NS	NS	82.8	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
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 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AB20-SB72 6 - 7 ft	AB8-SS183 0 - 0.25 ft	AC10-SB474 4.5 - 5 ft	AC10-SB474 7 - 8 ft	AC10-SB474 7 - 8 ft	AC12-SB466 3.5 - 4 ft	AC12-SB466 5.5 - 6 ft	AC13-SB468 13 - 14 ft	AC13-SB468 4 - 5 ft	AC13-SB468 7 - 8 ft	AC14-SB464 4 - 5 ft	AC14-SB464 8 - 9 ft	AC14-SB464 8 - 9 ft	AC15-SB260 0 - 1 ft
Sample ID	Sample Date	SDG					AB20-SB72 6-7 8/10/2011 SB33209	AB8 SS183 0-3 8/11/2011 SB33302	0-SB474 (4.5-5)712 7/12/2012 SB52747	10-SB474 (7-8)7121 7/12/2012 SB52747	10-SB474 (7-8)7121 7/11/2012 SB52747	2-SB466 (3.5-4)711 7/11/2012 SB52747	2-SB466 (5.5-6)711 7/11/2012 SB52747	3-SB468 (13-14)711 7/11/2012 SB52747	13-SB468 (4-5)7111 7/11/2012 SB52747	13-SB468 (7-8)7111 7/11/2012 SB52747	14-SB464 (4-5)7111 7/11/2012 SB52651	14-SB464 (8-9)7111 7/11/2012 SB52651	14-SB464 (8-9)7111 7/11/2012 SB52651	5-SB260 (0-1)-1227 12/27/2011 SB41712
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg		500	2500	NE	500	614	NS	NS	455	548	NS	1010	NS	NS	1170 J+	NS	1390 J	2870 J	NS
Total Petroleum Hydrocarbons	mg/kg		500	2500	NE	500	614	NS	NS	455	548	NS	1010	NS	NS	1170 J+	NS	1390 J	2870 J	NS
Unidentified	mg/kg		NE	NE	NE	NE	614	NS	NS	455	548	NS	1010	NS	NS	1170 J+	NS	1390 J	2870 J	NS
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l		NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																				
1,1,1-Trichloroethane	ug/kg		4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 123 U	< 103 U
1,1-Dichloroethane	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	272 J	160 J
1,2,4-Trichlorobenzene	ug/kg		NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 123 UJ	< 103 UJ
1,2,4-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1520 J	678 J
1,2-Dichlorobenzene	ug/kg		3100	31000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	127	< 103 U
1,2-Dichloroethane	ug/kg		20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 123 U	< 103 U
1,3,5-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	600 J	261 J
1,3-Dichlorobenzene	ug/kg		12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 123 U	< 103 U
1,4-Dichlorobenzene	ug/kg		1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 123 U	< 103 U
2-Butanone (MEK)	ug/kg		8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1230 U	< 1030 U
Acetone	ug/kg		14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1230 U	< 1030 U
Benzene	ug/kg		20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	171	123
Chlorobenzene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 123 U	< 103 U
Chloroethane	ug/kg		NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 246 U	< 207 U
cis-1,2-Dichloroethylene	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	644	464
Ethyl ether	ug/kg		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 123 U	< 103 U
Ethylbenzene	ug/kg		10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	917 J	555 J
Isopropylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	189 J	< 103 UJ
m,p-Xylenes	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2920 J	1550 J
Methyl Isobutyl Ketone	ug/kg		7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1230 U	< 1030 U
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1450 J	695 J
n-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	415 J	188 J
n-Propylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	375 J	214 J
o-Xylene	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	681 J	375 J
p-Isopropyltoluene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	311 J	186 J
sec-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	495 J	183 J
Styrene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 123 U	< 103 U
tert-butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	160	< 103 U
Tetrachloroethylene	ug/kg		100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 123 U	< 103 U
Toluene	ug/kg		20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1450	1060
Total Xylenes	ug/kg		19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3600	1930
trans-1,2-Dichloroethylene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	186 J	< 103 UJ
Trichloroethene	ug/kg		100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	426	275
Vinyl chloride	ug/kg		40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 123 UJ	< 103 UJ
VOCs-SPLP																				
Total VOC-SPLP	ug/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg		200	1000	NE	21000	< 1020 U	NS	NS	< 1140 U	< 1180 U	NS	< 1090 U	NS	NS	< 1090 U	NS	< 1970 U	< 1920 U	NS
2-Methylnaphthalene	ug/kg		560	5600	NE	270000	< 1020 U	NS	NS	< 1140 U	< 1180 U	NS	1260	NS	NS	< 1090 U	NS	< 1970 U	< 1920 U	NS
Acenaphthene	ug/kg		8400	84000	NE	1000000	< 1020 U	NS	NS	< 1140 U	< 1180 U	NS	2690	NS	NS	< 1090 U	NS	< 1970 U	< 1920 U	NS
Acenaphthylene	ug/kg		8400	84000	NE	1000000	< 1020 U	NS	NS	< 1140 U	< 1180 U	NS	< 1090 U	NS	NS	< 1090 U	NS	< 1970 U	< 1920 U	NS
Anthracene	ug/kg		40000	400000	NE	1000000	< 1020 U	NS	NS	< 1140 U	< 1180 U	NS	4140	NS	NS	< 1090 U	NS	< 1970 U	< 1920 U	NS
Benzo(a)anthracene	ug/kg		1000	1000	NE	1000	< 1020 U	NS	NS	< 1140 U	< 1180 U	NS	6170	NS	NS	< 1090 U	NS	4190 J	< 1920 UJ	NS
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	< 1020 U	NS	NS	< 1140 U	< 1180 U	NS	5540	NS	NS	< 1090 U	NS	4530 J	< 1920 UJ	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	< 1020 U	NS	NS	< 1140 U	< 1180 U	NS	5100	NS	NS	< 1090 U	NS	3670 J	< 1920 UJ	NS
Benzo(g,h,i)perylene	ug/kg		1000	1000	NE	8400	< 1020 U	NS	NS	< 1140 U	< 1180 U	NS	3180	NS	NS	< 1090 U	NS	3030	< 1920 U	NS
Benzo(k)fluoranthene	ug/kg		1000	1000	NE	8400	< 1020 U	NS	NS	< 1140 U	< 1180 U	NS	4510	NS	NS	< 1090 U	NS	3750 J	< 1920 UJ	NS
Bis(2-ethylhexyl)phthalate	ug/kg		1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg		1000	1000	NE	84000	< 1020 U	NS	NS	< 1140 U	< 1180 U	NS	5740	NS	NS	< 1090 U	NS	3720 J	< 1920 UJ	NS
Dibenzo(a,h)anthracene	ug/kg		1000	1000	NE	1000	< 1020 U	NS	NS	< 1140 U	< 1180 U	NS	1210	NS	NS	< 1090 U	NS	< 1970 U	< 1920 U	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	< 1020 U	NS	NS	1220	< 1180 U	NS	14600	NS	NS	< 1090 U	NS	6670 J	3690 J	NS
Fluorene	ug/kg		5600	56000	NE	1000000	< 1020 U	NS	NS	< 1140 U	< 1180 U	NS	2730	NS	NS	< 1090 U	NS	< 1970 U	< 1920 U	NS
Indeno(1,2,3-cd)pyrene	ug/kg		1000	1000	NE	1000	< 1020 U													

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AB20-SB72 6 - 7 ft 8/10/2011 SB33209	AB8-SS183 0 - 0.25 ft 8/11/2011 SB33302	AC10-SB474 4.5 - 5 ft 7/12/2012 SB52747	AC10-SB474 7 - 8 ft 7/12/2012 SB52747	AC10-SB474 7 - 8 ft 7/12/2012 SB52747	AC12-SB466 3.5 - 4 ft 7/11/2012 SB52747	AC12-SB466 5.5 - 6 ft 7/11/2012 SB52747	AC13-SB468 13 - 14 ft 7/11/2012 SB52747	AC13-SB468 4 - 5 ft 7/11/2012 SB52747	AC13-SB468 7 - 8 ft 7/11/2012 SB52747	AC14-SB464 4 - 5 ft 7/11/2012 SB52651	AC14-SB464 8 - 9 ft 7/11/2012 SB52651	AC14-SB464 8 - 9 ft 7/11/2012 SB52651	AC15-SB260 0 - 1 ft 12/27/2011 SB41712
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	28.4	8.90	< 6.08 UJ	< 5.90 UJ	7.25	< 13.5 UJ	< 5.86 UJ	< 5.90 UJ	< 4.96 UJ	< 28.8 UJ	< 24.8 UJ	NS
Arsenic	mg/kg	NE	NE	NE	10	4.72	NS	< 18.3 U	25.5	21.6	7.00	13.6	< 4.05 U	< 3.51 U	13.8	< 1.49 UJ	5.77 J-	< 7.45 UJ	NS
Barium	mg/kg	NE	NE	NE	4700	NS	NS	914	1240	1160	364	1110	188	216	605	81.1	604	749	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	< 0.580 U	< 0.684 U	< 0.608 U	< 0.590 U	< 0.609 U	< 1.35 U	0.630	< 0.590 U	< 2.48 U	< 0.577 U	< 0.497 U	NS
Cadmium	mg/kg	NE	NE	NE	34	< 0.666 U	NS	6.67	8.56	6.31	2.91	9.10	< 1.35 U	0.925	5.41	< 0.496 UJ	4.03 J	3.26 J	NS
Chromium	mg/kg	NE	NE	NE	27.0	NS	NS	57.5	73.2	121	42.2	58.9	26.0	61.0	58.8	46.9	61.0	78.9	NS
Copper	mg/kg	NE	NE	NE	2500	NS	NS	553	570	567	166	357	14.1	45.1	312	18.4 J	1750 J	622 J	NS
Lead	mg/kg	NE	NE	NE	400	41.6	NS	2090 J	3660 J	4550 J	676 J	2530 J	7.13 J	73.3 J	1150 J	17.3 J	926 J	1080 J	NS
Mercury	mg/kg	NE	NE	NE	20	0.0767	NS	0.798	0.896 J	2.60 J	0.386	1.22	0.136	0.0485	0.527	0.0376 J	3.15 J	0.493 J	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	80.1 J	97.0 J	44.0 J	33.6 J	44.0 J	11.6 J	26.8 J	100 J	15.2	74.0	61.1	NS
Selenium	mg/kg	NE	NE	NE	340	NS	NS	< 8.70 U	< 2.05 U	< 1.82 U	< 1.77 U	< 1.83 U	< 4.05 U	< 1.76 U	< 1.77 U	< 1.49 UJ	< 1.73 UJ	< 1.59 UJ	NS
Silver	mg/kg	NE	NE	NE	340	NS	NS	< 8.70 U	< 2.05 U	< 1.82 U	< 1.77 U	< 9.13 U	< 4.05 U	< 1.76 U	< 1.77 U	< 1.49 U	< 1.79 U	< 7.45 U	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	< 3.48 U	< 4.10 U	< 3.65 U	< 3.54 U	< 3.65 U	< 8.11 U	< 3.51 U	< 3.54 U	< 2.98 U	< 17.3 U	< 14.9 U	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	85.1	485 J	92.9 J	42.3	78.6	18.9	41.3	272	27.6	66.6	61.5	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	1970	3050 J	308 J	1040	3400	< 10.8 UJ	105	1290	60.3 J	2130 J	1360 J	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 29.8 U	< 23.2 U	< 2180 U	< 2640 U	< 2690 U	< 2350 U	23400	488	< 23.3 U	562000	< 20.9 U	127000 J	741000 J	NS
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 29.8 U	6650	52800	21800	24500	158000	< 259 U	< 55.8 U	3560	< 25700 U	3220	< 23200 U	< 21200 U	NS
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 29.8 U	< 23.2 U	< 2180 U	< 2640 U	< 2690 U	< 2350 U	< 259 U	< 55.8 U	< 23.3 U	< 25700 U	< 20.9 U	< 23200 U	< 21200 U	NS
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 29.8 U	153	< 2180 U	< 2640 U	< 2690 U	3290	569	< 55.8 U	88.5	< 25700 U	67.8	< 23200 U	< 21200 U	NS
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 29.8 U	< 23.2 U	< 2180 U	< 2640 U	< 2690 U	< 2350 U	< 259 U	< 55.8 U	< 23.3 U	< 25700 U	< 20.9 U	< 23200 U	< 21200 U	NS
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 29.8 U	6803	52800	21800	24500	161290	23969	488	3648.5	562000	3290	127000	741000	NS
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	< 9.16 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.01 U
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 5.63 U
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	< 9.16 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.01 U
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	64.2 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 5.63 U
Chlordane	ug/kg	NE	NE	NE	490	NS	813	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 22.5 U
Endrin	ug/kg	NE	NE	NE	20000	NS	< 9.16 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.01 UJ
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	69.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 5.63 U
Methoxychlor	ug/kg	800	8000	NE	340000	NS	< 9.16 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.01 U
Total DDx	ug/kg	3	20	NE	1800	NS	29.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.01
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AC15-SB260 4 - 5 ft 5-SB260 (4-5)-1227 12/27/2011 SB41712	AC15-SB260 6 - 7 ft 5-SB260 (6-7)-1227 12/27/2011 SB41712	AC15-SB260 9.5 - 11.5 ft SB260 (9.5-11.5)-12 12/27/2011 SB41712	AC15-SS83 0 - 0.5 ft AC15-SS83-080411 8/4/2011 SB32875	AC15-SS83 0 - 0.25 ft AC15 SS83 0-3 8/11/2011 SB33302	AC16-SB492 13 - 14 ft SB492 (13-14)-071 7/13/2012 SB52798	AC16-SB492 2 - 3 ft 6-SB492 (2-3)-0713 7/13/2012 SB52798	AC16-SB492 8.2 - 9 ft SB492 (8.2-9)-0711 7/13/2012 SB52798	AC16-SS84 0 - 0.5 ft AC16 SS84 0-3 8/11/2011 SB33302	AC16-SS84 0 - 0.25 ft AC16 SS84 0-3 8/11/2011 SB33302	AC17-SB262 10 - 11 ft SB262 (10-11)-122 12/28/2011 SB41712	AC17-SB262 4 - 5 ft 7-SB262 (4-5)-1228 12/28/2011 SB41712	AC17-SB262 5 - 6 ft 7-SB262 (5-6)-1228 12/28/2011 SB41712	AC19-SB76 0 - 1 ft AC19-SB76 0-1 8/10/2011 SB33209
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	970	NS	NS	NS	NS	132	NS	NS	NS	NS	37.6	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	970	NS	NS	NS	NS	132	NS	NS	NS	NS	37.6	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	970	NS	NS	NS	NS	132	NS	NS	NS	NS	37.6	NS
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	< 0.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	< 0.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	< 0.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 UJ	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	96.1	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	3100	NE	500000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 UJ	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	182	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 UJ	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 UJ	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 59.7 U	NS	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 59.7 U	NS	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	103	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	< 153 U	NS	NS	NS	NS	< 11.9 UJ	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	109	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	198	NS	NS	NS	NS	< 11.9 U	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 59.7 U	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	87.7	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 UJ	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 UJ	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	2130	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 UJ	NS	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	223	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	198	NS	NS	NS	NS	< 11.9 U	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 U	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	< 76.3 U	NS	NS	NS	NS	84.6	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	< 76.3 U	NS	NS	NS	NS	< 6.0 UJ	NS	NS	NS	NS	NS	NS
VOCS-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	NS	< 2020 U	NS	NS	NS	NS	< 191 U	NS	NS	NS	NS	< 367 U	NS
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	NS	< 2020 U	NS	NS	NS	NS	< 191 U	NS	NS	NS	NS	< 367 U	NS
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	NS	< 2020 U	NS	NS	NS	NS	< 191 U	NS	NS	NS	NS	< 367 U	NS
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	NS	< 2020 UJ	NS	NS	NS	NS	< 191 U	NS	NS	NS	NS	< 367 UJ	NS
Anthracene	ug/kg	40000	400000	NE	1000000	NS	NS	< 2020 U	NS	NS	NS	NS	< 191 U	NS	NS	NS	NS	< 367 U	NS
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	4210	NS	NS	NS	NS	404	NS	NS	NS	NS	< 367 U	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	5470	NS	NS	NS	NS	368	NS	NS	NS	NS	< 367 U	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	5330	NS	NS	NS	NS	300	NS	NS	NS	NS	< 367 U	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	2250	NS	NS	NS	NS	230	NS	NS	NS	NS	< 367 U	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	3490	NS	NS	NS	NS	300	NS	NS	NS	NS	< 367 U	NS
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 367 U	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	4170	NS	NS	NS	NS	363	NS	NS	NS	NS	< 367 U	NS
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	< 2020 U	NS	NS	NS	NS	< 191 U	NS	NS	NS	NS	< 367 U	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	6730	NS	NS	NS	NS	886	NS	NS	NS	NS	< 367 U	NS
Fluorene	ug/kg	5600	56000	NE	1000000	NS	NS	< 2020 U	NS	NS	NS	NS	< 191 U	NS	NS	NS	NS	< 367 U	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	2450	NS	NS	NS	NS	226	NS	NS	NS	NS	< 367 U	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	< 2020 U	NS	NS	NS	NS	< 191 U	NS	NS	NS	NS	< 367 U	NS
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	NS	5170	NS	NS	NS	NS	634	NS	NS	NS	NS	< 367 U	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	7400	NS	NS	NS	NS	715	NS	NS	NS	NS	< 367 U	NS
SVOCs-SPLP																			
1-Methylnaphthalene	ug/l	NE	NE	50	NE	NS	NS	<											

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AC15-SB260 4 - 5 ft 5-SB260 (4-5)-1227 12/27/2011 SB41712	AC15-SB260 6 - 7 ft 5-SB260 (6-7)-1227 12/27/2011 SB41712	AC15-SB260 9.5 - 11.5 ft SB260 (9.5-11.5)-12 12/27/2011 SB41712	AC15-SS83 0 - 0.5 ft AC15-SS83-080411 8/4/2011 SB32875	AC15-SS83 0 - 0.25 ft AC15 SS83 0-3 8/11/2011 SB33302	AC16-SB492 13 - 14 ft SB492 (13-14)-071 7/13/2012 SB52798	AC16-SB492 2 - 3 ft 6-SB492 (2-3)-0713 7/13/2012 SB52798	AC16-SB492 8.2 - 9 ft SB492 (8.2-9)-071 7/13/2012 SB52798	AC16-SS84 0 - 0.5 ft AC16-SS84-080411 8/4/2011 SB32875	AC16-SS84 0 - 0.25 ft AC16 SS84 0-3 8/11/2011 SB33302	AC17-SB262 10 - 11 ft SB262 (10-11)-122 12/28/2011 SB41712	AC17-SB262 4 - 5 ft 7-SB262 (4-5)-1228 12/28/2011 SB41712	AC17-SB262 5 - 6 ft 7-SB262 (5-6)-1228 12/28/2011 SB41712	AC19-SB76 0 - 1 ft AC19-SB76 0-1 8/10/2011 SB33209	
Metals																				
Antimony	mg/kg	NE	NE	NE	27	NS	< 5.76 UJ	7.13 J-	NS	NS	< 5.05 UJ	< 5.29 UJ	< 5.71 UJ	NS	NS	< 5.58 UJ	NS	< 4.83 UJ	NS	
Arsenic	mg/kg	NE	NE	NE	10	NS	4.12 J	12.6 J	NS	3.53	< 3.03 UJ	< 3.18 UJ	< 8.57 UJ	NS	4.82	1.76 J	NS	2.83 J	NS	
Barium	mg/kg	NE	NE	NE	4700	NS	140 J	559 J	NS	NS	50.7	72.3	159	NS	NS	55.0 J	NS	338 J	NS	
Beryllium	mg/kg	NE	NE	NE	2	NS	0.669	< 0.592 U	NS	NS	< 0.505 U	< 0.529 U	< 0.571 U	NS	NS	< 0.558 U	NS	0.517	NS	
Cadmium	mg/kg	NE	NE	NE	34	NS	1.44 J	6.58 J	NS	0.702	< 0.505 U	< 0.529 U	0.935	NS	0.673	0.670 J	NS	1.61 J	NS	
Chromium	mg/kg	NE	NE	NE	39.6 J	NS	39.6 J	54.0 J	NS	10.7	13.5	15.4	31.4	NS	20.0	16.6 J	NS	91.8 J	NS	
Copper	mg/kg	NE	NE	NE	2500	NS	33.6 J	223 J	NS	NS	11.1 J	15.7 J	40.2 J	NS	NS	13.5 J	NS	29.0 J	NS	
Lead	mg/kg	NE	NE	NE	400	NS	136 J	883 J	NS	8.80	10.3 J	5.26 J	131 J	NS	52.0	12.0 J	NS	18.9 J	NS	
Mercury	mg/kg	NE	NE	NE	20	NS	< 1.03 U	< 1.06 U	NS	< 0.0319 U	< 0.0305 UJ	< 0.0324 UJ	0.104 J	NS	0.143	< 0.986 U	NS	< 0.986 U	NS	
Nickel	mg/kg	NE	NE	NE	1400	NS	22.6 J	39.8 J	NS	NS	10.8 J	10.2 J	28.0 J	NS	NS	16.7 J	NS	41.8 J	NS	
Selenium	mg/kg	NE	NE	NE	340	NS	< 1.73 U	< 1.78 U	NS	NS	< 1.52 UJ	< 1.59 UJ	< 1.71 UJ	NS	NS	< 1.68 U	NS	< 1.45 U	NS	
Silver	mg/kg	NE	NE	NE	340	NS	< 1.73 UJ	4.38 J	NS	NS	< 1.52 U	< 1.59 U	< 1.71 U	NS	NS	< 1.68 UJ	NS	2.56 J	NS	
Thallium	mg/kg	NE	NE	NE	5.4	NS	< 3.46 U	< 7.10 U	NS	NS	< 3.03 U	< 3.18 U	< 3.43 U	NS	NS	< 3.35 U	NS	< 4.35 U	NS	
Vanadium	mg/kg	NE	NE	NE	470	NS	38.1 J	58.4 J	NS	NS	14.9	22.0	32.0	NS	NS	17.3 J	NS	58.9 J	NS	
Zinc	mg/kg	NE	NE	NE	20000	NS	141 J	1250 J	NS	NS	23.5	31.0	1090	NS	NS	30.2 J	NS	69.3 J	NS	
Metals-SPLP																				
Antimony	ug/l	6	60	NE	NE	NS	NS	< 10.5 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Arsenic	ug/l	50	500	NE	NE	NS	NS	< 4.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Barium	ug/l	1000	10000	NE	NE	NS	NS	158	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Cadmium	ug/l	5	50	NE	NE	NS	NS	< 2.5 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chromium	ug/l	50	500	NE	NE	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Copper	ug/l	1300	13000	NE	NE	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Lead	ug/l	15	150	NE	NE	NS	NS	< 7.5 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Nickel	ug/l	100	1000	NE	NE	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Vanadium	ug/l	50	500	NE	NE	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Zinc	ug/l	5000	50000	NE	NE	NS	NS	< 46.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Cyanide																				
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	< 1.24 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.998 UJ	NS
PCBs																				
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 21.5 U	< 23.1 U	< 23.0 U	< 20.6 U	< 20.9 U	< 19.6 U	< 21.6 U	< 21.8 U	< 21.4 U	< 24.0 U	< 20.7 U	< 22.2 U	< 22.1 U	< 19.5 U	
Aroclor 1248	ug/kg	NE	NE	NE	NE	642	296	81300	436	272	< 19.6 U	34.5	6180	528	3210	< 20.7 U	< 22.2 U	277	< 19.5 U	
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 21.5 U	< 23.1 U	< 23.0 U	< 20.6 U	< 20.9 U	< 19.6 U	< 21.6 U	< 21.8 U	< 21.4 U	< 24.0 U	< 20.7 U	< 22.2 U	< 22.1 U	< 19.5 U	
Aroclor 1260	ug/kg	NE	NE	NE	NE	26.9	< 23.1 U	1270	< 20.6 U	< 20.9 U	< 19.6 U	< 21.6 U	110	< 21.4 U	142	< 20.7 U	< 22.2 U	92.7	< 19.5 U	
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 21.5 U	< 23.1 U	< 23.0 U	< 20.6 U	< 20.9 U	< 19.6 U	< 21.6 U	< 21.8 U	< 21.4 U	< 24.0 U	< 20.7 U	< 22.2 U	< 22.1 U	< 19.5 U	
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	669	296	82570	436	272	< 19.6 U	34.5	6290	528	3350	< 20.7 U	< 22.2 U	370	< 19.5 U	
PCBs-SPLP																				
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	< 0.2 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	13.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	< 0.2 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	13.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Pesticides																				
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	< 9.84 U	NS	< 8.38 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	< 6.15 U	NS	< 5.24 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	< 9.84 U	NS	< 8.38 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	< 6.15 U	NS	< 5.24 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	< 24.6 U	NS	< 20.9 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	< 9.84 UJ	NS	< 8.38 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	< 6.15 U	NS	< 5.24 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	< 9.84 U	NS	< 8.38 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Total DDx	ug/kg	3	20	NE	1800	NS	NS	< 9.84	NS	< 8.38	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Pesticides-SPLP																				
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Herbicides																				
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AC19-SB76 1 - 2 ft AC19-SB76 1-2 8/10/2011 SB33209	AC19-SB76 10 - 11 ft AC19-SB76 10-11 8/10/2011 SB33209	AC19-SB76 11 - 12 ft AC19-SB76 11-12 8/10/2011 SB33209	AC19-SB76 16 - 17 ft AC19-SB76 16-17 8/10/2011 SB33209	AC19-SB76 2 - 3 ft AC19-SB76 2-3 8/10/2011 SB33209	AC19-SB76 3 - 4 ft AC19-SB76 3-4 8/10/2011 SB33209	AC19-SB76 5 - 6 ft AC19-SB76 5-6 8/10/2011 SB33209	AC19-SB76 6 - 7 ft AC19-SB76 6-7 8/10/2011 SB33209	AC19-SB76 7 - 8 ft AC19-SB76 7-8 8/10/2011 SB33209	AC19-SB76 8 - 9 ft AC19-SB76 8-9 8/10/2011 SB33209	AC21-SB349 11 - 12 ft SB349(11-12)-0409 4/9/2012 SB46864	AC21-SB349 4.5 - 5 ft SB349(4.5-5)-0409 4/9/2012 SB46864	AC21-SB349 7 - 8 ft SB349(7-8)-0409 4/9/2012 SB46864	AC8 1 - 2 ft AC8(1-2)-1 9/17/2020 2010953
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg		500	2500	NE	500	NS	NS	NS	NS	NS	127	NS	1270	NS	65.1	NS	NS	< 14.2 U	NS
Total Petroleum Hydrocarbons	mg/kg		500	2500	NE	500	NS	NS	NS	NS	NS	127	NS	1270	NS	65.1	NS	NS	< 14.2 U	NS
Unidentified	mg/kg		NE	NE	NE	NE	NS	NS	NS	NS	NS	127	NS	1270	NS	65.1	NS	NS	< 14.2 U	NS
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l		NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																				
1,1,1-Trichloroethane	ug/kg		4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
1,1-Dichloroethane	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
1,2,4-Trichlorobenzene	ug/kg		NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
1,2,4-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
1,2-Dichlorobenzene	ug/kg		3100	31000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
1,2-Dichloroethane	ug/kg		20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
1,3,5-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
1,3-Dichlorobenzene	ug/kg		12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
1,4-Dichlorobenzene	ug/kg		1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
2-Butanone (MEK)	ug/kg		8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 75.3 U	NS
Acetone	ug/kg		14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 75.3 UJ	NS
Benzene	ug/kg		20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
Chlorobenzene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
Chloroethane	ug/kg		NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 15.1 U	NS
cis-1,2-Dichloroethylene	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
Ethyl ether	ug/kg		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
Ethylbenzene	ug/kg		10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
Isopropylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
m,p-Xylenes	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 15.1 U	NS
Methyl Isobutyl Ketone	ug/kg		7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 75.3 U	NS
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
n-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
n-Propylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
o-Xylene	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
p-Isopropyltoluene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
sec-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
Styrene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
tert-butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
Tetrachloroethylene	ug/kg		100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
Toluene	ug/kg		20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
Total Xylenes	ug/kg		19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 15.1 U	NS
trans-1,2-Dichloroethylene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
Trichloroethene	ug/kg		100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
Vinyl chloride	ug/kg		40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS
VOCs-SPLP																				
Total VOC-SPLP	ug/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg		200	1000	NE	21000	NS	NS	NS	NS	NS	< 383 U	NS	< 7320 U	NS	NS	NS	NS	< 353 U	NS
2-Methylnaphthalene	ug/kg		560	5600	NE	270000	NS	NS	NS	NS	NS	< 383 U	NS	< 7320 U	NS	NS	NS	NS	< 353 UJ	NS
Acenaphthene	ug/kg		8400	84000	NE	1000000	NS	NS	NS	NS	NS	< 383 U	NS	< 7320 U	NS	NS	NS	NS	< 353 UJ	NS
Acenaphthylene	ug/kg		8400	84000	NE	1000000	NS	NS	NS	NS	NS	< 383 U	NS	< 7320 U	NS	NS	NS	NS	< 353 U	NS
Anthracene	ug/kg		40000	400000	NE	1000000	NS	NS	NS	NS	NS	< 383 U	NS	< 7320 U	NS	NS	NS	NS	< 353 U	NS
Benzo(a)anthracene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	< 383 U	NS	< 7320 U	NS	NS	NS	NS	< 353 U	NS
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	< 383 U	NS	< 7320 U	NS	NS	NS	NS	< 353 UJ	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	< 383 U	NS	< 7320 U	NS	NS	NS	NS	< 353 U	NS
Benzo(g,h,i)perylene	ug/kg		1000	1000	NE	8400	NS	NS	NS	NS	NS	< 383 U	NS	< 7320 U	NS	NS	NS	NS	< 353 U	NS
Benzo(k)fluoranthene	ug/kg		1000	1000	NE	8400	NS	NS	NS	NS	NS	< 383 U	NS	< 7320 U	NS	NS	NS	NS	< 353 UJ	NS
Bis(2-ethylhexyl)phthalate	ug/kg		1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg		1000	1000	NE	84000	NS	NS	NS	NS	NS	< 383 U	NS	< 7320 U	NS	NS	NS	NS	< 353 UJ	NS
Dibenzo(a,h)anthracene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	< 383 U	NS	< 7320 U	NS	NS	NS	NS	< 353 UJ	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	< 383 U	NS	< 7320 U	NS	NS	NS	NS	< 353 U	NS
Fluorene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	< 383 U	NS	< 7320 U	NS	NS	NS	NS	< 353 U	NS
Indeno(1,2,3-cd)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	< 383 U	NS	< 7320 U	NS	NS	NS	NS	< 353 U	NS
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	< 383 U	NS	< 7320 U	NS	NS	NS	NS	< 353 U	NS
Phenanthrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	< 383 U	NS	< 7320 U	NS	NS	NS	NS	< 353 U	NS
Pyrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	< 383 U	NS	<						

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AC19-SB76 1 - 2 ft AC19-SB76 1-2 8/10/2011 SB33209	AC19-SB76 10 - 11 ft AC19-SB76 10-11 8/10/2011 SB33209	AC19-SB76 11 - 12 ft AC19-SB76 11-12 8/10/2011 SB33209	AC19-SB76 16 - 17 ft AC19-SB76 16-17 8/10/2011 SB33209	AC19-SB76 2 - 3 ft AC19-SB76 2-3 8/10/2011 SB33209	AC19-SB76 3 - 4 ft AC19-SB76 3-4 8/10/2011 SB33209	AC19-SB76 5 - 6 ft AC19-SB76 5-6 8/10/2011 SB33209	AC19-SB76 6 - 7 ft AC19-SB76 6-7 8/10/2011 SB33209	AC19-SB76 7 - 8 ft AC19-SB76 7-8 8/10/2011 SB33209	AC19-SB76 8 - 9 ft AC19-SB76 8-9 8/10/2011 SB33209	AC21-SB349 11 - 12 ft -SB349(11-12)-0409 4/9/2012 SB46864	AC21-SB349 4.5 - 5 ft -SB349(4.5-5)-0409 4/9/2012 SB46864	AC21-SB349 7 - 8 ft -SB349(7-8)-0409 4/9/2012 SB46864	AC8 1 - 2 ft AC8(1-2)-1 9/17/2020 2010953
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 5.47 U	< 5.42 U	< 5.08 U	NS
Arsenic	mg/kg	NE	NE	NE	10	NS	NS	NS	NS	NS	4.69	NS	14.3	< 1.44 U	NS	< 1.64 U	5.46	1.74	7.6
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	171	120	44.0
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.547 U	0.761	< 0.508 U	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	NS	NS	NS	1.01	NS	4.27	NS	NS	< 0.547 U	< 0.542 U	< 0.508 U	2.3
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	36.9	NS	33.8	NS	NS	NS	26.7	26.7	13.1
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	17.0	17.7	15.1
Lead	mg/kg	NE	NE	NE	400	NS	NS	NS	NS	NS	29.6	NS	1590	10.5	NS	NS	3.45 J	39.0 J	10.7 J
Mercury	mg/kg	NE	NE	NE	20	NS	NS	NS	NS	NS	0.0774	NS	0.327	NS	NS	< 0.0327 U	0.0656	< 0.0304 U	0.31
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	17.5	15.9	10.8
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.64 U	< 1.63 U	< 1.52 U	< 4.2
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.64 U	< 1.63 U	< 1.52 U	0.95
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 3.28 U	< 3.25 U	< 3.05 U	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	24.0	27.7	16.7
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	29.7	48.8	21.9
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	1350 J	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 20.3 U	< 21.9 U	< 21.3 U	< 22.1 U	< 20.5 U	< 23.9 U	< 20.9 U	< 21.2 U	< 21.3 U	< 20.6 U	< 21.5 U	< 22.8 U	< 21.8 U	< 1000
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 20.3 U	443	< 21.3 U	< 22.1 U	< 20.5 U	639	9960	< 21.2 U	< 21.3 U	< 20.6 U	< 21.5 U	< 114 U	41.4	9700
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 20.3 U	< 21.9 U	< 21.3 U	< 22.1 U	< 20.5 U	< 23.9 U	< 20.9 U	< 21.2 U	< 21.3 U	< 20.6 U	< 21.5 U	< 114 U	< 21.8 U	< 1000
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 20.3 U	< 21.9 U	< 21.3 U	< 22.1 U	< 20.5 U	< 23.9 U	296	< 21.2 U	< 21.3 U	< 20.6 U	< 21.5 U	< 22.8 U	< 21.8 U	< 1000
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 20.3 U	< 21.9 U	< 21.3 U	< 22.1 U	< 20.5 U	< 23.9 U	< 20.9 U	< 21.2 U	< 21.3 U	< 20.6 U	< 21.5 U	< 22.8 U	< 21.8 U	< 1000
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 20.3 U	443	< 21.3 U	< 22.1 U	< 20.5 U	639	10256	< 21.2 U	< 21.3 U	< 20.6 U	< 21.5 U	< 114 U	41.4	9700
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
This is a summary table. Only detected analytes are shown.
<0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
Yellow highlighted cells exceed the 2013 GA PMC
Green highlighted cells exceed the 2013 GB PMC
Blue highlighted cells exceed the 2013 RES DEC
RES DEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
GWPC = Groundwater Protection Criteria
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
NE = Criteria has not been established
NS = Not sampled for this constituent
ug/kg = micrograms per kilogram
ug/l = micrograms per liter
mg/kg = milligrams per kilogram
U = The analyte was not detected above the detection limit
J+ = Result may be biased high
J- = Result may be biased low
J = Result is considered estimated
UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AC8-SB459 12 - 13 ft 7/11/2012 SB52651	AC8-SB459 4 - 5 ft 7/11/2012 SB52651	AC8-SB459 7 - 8 ft 7/11/2012 SB52651	AC8-SB459 7 - 8 ft 7/11/2012 SB52651	AC8-SS82 0 - 0.5 ft 8/4/2011 SB32875	AC8-SS82 0 - 0.25 ft 8/11/2011 SB33302	AD13-SB470 3 - 4 ft 7/12/2012 SB52747	AD14-SB465 13 - 14 ft 7/11/2012 SB52651	AD14-SB465 4 - 5 ft 7/11/2012 SB52651	AD14-SB465 6 - 7 ft 7/11/2012 SB52651	AD15-SB363 11.5 - 12 ft 4/12/2012 SB47192	AD15-SB363 2 - 2.5 ft 4/12/2012 SB47192	AD15-SB363 9 - 10 ft 4/12/2012 SB47192	AD15-SS85 0 - 0.5 ft 8/4/2011 SB32875
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	< 56.1 U	< 60.1 U	NS	NS	NS	NS	NS	755	NS	NS	732	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	< 56.1 U	< 60.1 U	NS	NS	NS	NS	NS	755	NS	NS	732	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	< 56.1 U	< 60.1 U	NS	NS	NS	NS	NS	755	NS	NS	732	NS
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	31000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
Anthracene	ug/kg	40000	400000	NE	1000000	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
Fluorene	ug/kg	5600	56000	NE	1000000	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	< 361 U	< 376 U	NS	NS	NS	NS	NS	< 4200 U	NS	NS	< 399 U	NS
SVOCs-SPLP																			
1-Methylnaphthalene	ug/l	NE	NE	50	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/l	NE	NE	280	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	ug/l	NE	NE	4200	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	ug/l	NE	NE	20000	NE														

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AC8-SB459 12 - 13 ft 7/11/2012 SB52651	AC8-SB459 4 - 5 ft 7/11/2012 SB52651	AC8-SB459 7 - 8 ft 7/11/2012 SB52651	AC8-SB459 7 - 8 ft 7/11/2012 SB52651	AC8-SS82 0 - 0.25 ft 8/4/2011 SB32875	AC8-SS82 0 - 0.25 ft 8/11/2011 SB33302	AD13-SB470 3 - 4 ft 7/12/2012 SB52747	AD14-SB465 13 - 14 ft 7/11/2012 SB52651	AD14-SB465 4 - 5 ft 7/11/2012 SB52651	AD14-SB465 6 - 7 ft 7/11/2012 SB52651	AD15-SB363 11.5 - 12 ft 4/12/2012 SB47192	AD15-SB363 2 - 2.5 ft 4/12/2012 SB47192	AD15-SB363 9 - 10 ft 4/12/2012 SB47192	AD15-SS85 0 - 0.5 ft 8/4/2011 SB32875
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 9.73 UJ	< 5.29 UJ	< 9.16 UJ	< 9.54 UJ	NS	NS	< 4.87 UJ	< 14.4 UJ	< 4.96 UJ	< 28.5 UJ	< 6.58 U	< 5.11 U	11.5	NS
Arsenic	mg/kg	NE	NE	NE	10	5.02	2.72	4.52	< 2.86 U	NS	9.59	< 7.31 U	< 4.32 UJ	2.00 J-	< 1.71 UJ	4.95	2.40	19.1	NS
Barium	mg/kg	NE	NE	NE	4700	150	91.3	212	182	NS	NS	196	268	162	439	236	62.6	671	NS
Beryllium	mg/kg	NE	NE	NE	2	< 0.973 U	< 0.529 U	1.41	1.69	NS	NS	< 0.487 U	< 1.44 U	< 2.48 U	< 0.570 U	1.16	< 0.511 U	< 0.515 U	NS
Cadmium	mg/kg	NE	NE	NE	34	< 0.973 UJ	< 0.529 UJ	< 0.916 UJ	< 0.954 UJ	NS	0.760	1.34	< 1.44 UJ	0.684 J	1.23 J	< 0.658 U	< 0.511 U	4.58	NS
Chromium	mg/kg	NE	NE	NE	NE	26.7	30.2	37.4	32.0	NS	28.4	48.6	58.2	17.9	58.2	36.0	17.9	63.9	NS
Copper	mg/kg	NE	NE	NE	2500	36.2 J	13.8 J	16.2 J	13.7 J	NS	NS	37.5	32.5 J	69.1 J	261 J	28.7	15.8	509	NS
Lead	mg/kg	NE	NE	NE	400	5.38 J	17.8 J	13.2 J	8.06 J	NS	72.1	38.8 J	6.30 J	175 J	407 J	41.2	12.9	1510	NS
Mercury	mg/kg	NE	NE	NE	20	< 0.0682 UJ	0.0443 J	0.112 J	0.108 J	NS	0.167	0.195	0.111 J	0.109 J	0.399 J	0.369	0.0487	1.01	NS
Nickel	mg/kg	NE	NE	NE	1400	37.8	14.5	18.8	11.7	NS	NS	20.7 J	13.6	25.7	48.4	36.4	12.1	65.9	NS
Selenium	mg/kg	NE	NE	NE	340	< 2.92 UJ	< 1.59 UJ	< 2.75 UJ	< 2.86 UJ	NS	NS	< 1.46 U	< 4.32 UJ	< 1.49 UJ	< 1.71 UJ	< 1.97 U	< 1.53 U	< 1.54 U	NS
Silver	mg/kg	NE	NE	NE	340	< 2.92 U	< 1.59 U	< 2.75 U	< 2.86 U	NS	NS	< 1.46 U	< 4.32 U	< 1.49 U	< 1.71 U	< 1.97 U	< 1.53 U	< 1.54 U	NS
Thallium	mg/kg	NE	NE	NE	5.4	< 5.84 U	< 3.17 U	< 5.50 U	< 5.73 U	NS	NS	< 2.92 U	< 8.63 U	< 2.97 U	< 17.1 U	< 3.95 U	< 3.06 U	< 3.09 U	NS
Vanadium	mg/kg	NE	NE	NE	470	29.4	26.2	34.5	24.7	NS	NS	39.6	26.2	35.8	54.3	51.8	21.2	40.1	NS
Zinc	mg/kg	NE	NE	NE	20000	78.7 J	47.9 J	25.7 J	12.6 J	NS	NS	125	20.4 J	219 J	570 J	96.4	31.3	1830	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 46.0 U	< 22.6 U	< 42.3 U	< 43.0 U	< 22.1 U	< 22.6 U	< 21.6 U	236	159000	6410	192	< 221 U	2100000	< 20.9 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	396	708	558 J	275 J	8230	555	4140	< 61.2 U	< 21100 U	< 121 U	< 29.1 U	< 221 U	< 23400 U	33.5
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 46.0 U	< 22.6 U	< 42.3 U	< 43.0 U	< 22.1 U	< 22.6 U	< 21.6 U	< 61.2 U	< 21100 U	< 121 U	< 29.1 U	< 221 U	< 23400 U	< 20.9 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 46.0 U	< 22.6 U	< 42.3 U	< 43.0 U	163	< 22.6 U	187	< 61.2 U	< 21100 U	229	< 29.1 U	< 22.1 U	< 23400 U	< 20.9 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 46.0 U	< 22.6 U	< 42.3 U	< 43.0 U	< 22.1 U	< 22.6 U	< 21.6 U	< 61.2 U	< 21100 U	< 121 U	< 29.1 U	< 22.1 U	< 23400 U	< 20.9 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	396	708	558	275	8393	555	4327	236	159000	6640	192	< 221 U	2100000	33.5
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AD15-SS85 0 - 0.25 ft	AD16-SB362 10 - 11 ft	AD16-SB362 3.5 - 4 ft	AD16-SS86 0 - 0.5 ft	AD16-SS86 0 - 0.5 ft	AD17-SB354 11.5 - 12.5 ft	AD17-SB354 4.5 - 5 ft	AD17-SB354 6 - 7 ft	AD18-SB384 10 - 11 ft	AD18-SB384 3 - 4 ft	AD18-SB384 8 - 9 ft	AD8-SS182 0 - 0.25 ft	AD9-SB469 12 - 13 ft	AD9-SB469 3.5 - 3.6 ft	
Sample ID	Sample Date	SDG					AD15 SS85 0-3	SB362 (10-11)-041	SB362 (3.5-4)-041	AD16-SS86-080411	AD16-SS86-080511	SB354(11.5-12.5)-047	SB354(4.5-5)-0410	SB354(6-7)-0410	SB384 (10-11)-062	SB384 (3-4)-0625	SB384 (8-9)-0625	AD8 SS182 0-3	SB469 (12-13)712	SB469 (3.5-3.6)712	
							8/11/2011 SB33302	4/12/2012 SB47192	4/12/2012 SB47192	8/4/2011 SB32875	8/5/2011 SB32945	4/10/2012 SB46973	4/10/2012 SB46973	4/9/2012 SB46973	6/25/2012 SB51819	6/25/2012 SB51819	6/25/2012 SB51819	8/11/2011 SB33302	7/12/2012 SB52747	7/12/2012 SB52747	
CTETPH																					
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg		500	2500	NE	500	64.7	324	NS	NS	169	NS	NS	148	NS	NS	146	NS	NS	NS	
Total Petroleum Hydrocarbons	mg/kg		500	2500	NE	500	64.7	324	NS	NS	169	NS	NS	148	NS	NS	146	NS	NS	NS	
Unidentified	mg/kg		NE	NE	NE	NE	64.7	324	NS	NS	169	NS	NS	148	NS	NS	146	NS	NS	NS	
CTETPH-SPLP																					
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l		NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Total Petroleum Hydrocarbons	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Unidentified	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VOCS																					
1,1,1-Trichloroethane	ug/kg		4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,1-Dichloroethane	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,2,4-Trichlorobenzene	ug/kg		NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,2,4-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,2-Dichlorobenzene	ug/kg		3100	31000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,2-Dichloroethane	ug/kg		20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,3,5-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,3-Dichlorobenzene	ug/kg		12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,4-Dichlorobenzene	ug/kg		1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
2-Butanone (MEK)	ug/kg		8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Acetone	ug/kg		14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzene	ug/kg		20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chlorobenzene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chloroethane	ug/kg		NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
cis-1,2-Dichloroethylene	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Ethyl ether	ug/kg		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Ethylbenzene	ug/kg		10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Isopropylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
m,p-Xylenes	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Methyl Isobutyl Ketone	ug/kg		7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
n-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
n-Propylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
o-Xylene	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
p-Isopropyltoluene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
sec-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Styrene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
tert-butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Tetrachloroethylene	ug/kg		100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Toluene	ug/kg		20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Total Xylenes	ug/kg		19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
trans-1,2-Dichloroethylene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Trichloroethene	ug/kg		100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Vinyl chloride	ug/kg		40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VOCS-SPLP																					
Total VOC-SPLP	ug/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
SVOC-SIMS																					
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Pyrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
SVOCs																					
1-Methylnaphthalene	ug/kg		200	1000	NE	21000	< 350 U	< 393 U	NS	NS	< 387 U	NS	NS	< 374 U	NS	NS	< 245 U	NS	NS	NS	
2-Methylnaphthalene	ug/kg		560	5600	NE	270000	< 350 U	< 393 U	NS	NS	< 387 U	NS	NS	< 374 U	NS	NS	< 245 U	NS	NS	NS	
Acenaphthene	ug/kg		8400	84000	NE	1000000	< 350 U	< 393 U	NS	NS	< 387 U	NS	NS	< 374 U	NS	NS	< 245 U	NS	NS	NS	
Acenaphthylene	ug/kg		8400	84000	NE	1000000	< 350 U	< 393 U	NS	NS	< 387 U	NS	NS	< 374 U	NS	NS	< 245 U	NS	NS	NS	
Anthracene	ug/kg		40000	400000	NE	1000000	< 350 U	< 393 U	NS	NS	< 387 U	NS	NS	< 374 U	NS	NS	< 245 U	NS	NS	NS	
Benzo(a)anthracene	ug/kg		1000	1000	NE	1000	< 350 U	884	NS	NS	< 387 U	NS	NS	< 374 U	NS	NS	< 245 UJ	NS	NS	NS	
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	< 350 U	843	NS	NS	< 387 U	NS	NS	< 374 U	NS	NS	< 245 UJ	NS	NS	NS	
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	< 350 U	817	NS	NS	< 387 U	NS	NS	< 374 U	NS	NS	< 245 UJ	NS	NS	NS	
Benzo(g,h,i)perylene	ug/kg		1000	1000	NE	8400	< 350 U	490	NS	NS	< 387 U	NS	NS	< 374 U	NS	NS	< 245 UJ	NS	NS	NS	
Benzo(k)fluoranthene	ug/kg		1000	1000	NE	8400	< 350 U	799	NS	NS	< 387 U	NS	NS	< 374 U	NS	NS	< 245 UJ	NS	NS	NS	
Bis(2-ethylhexyl)phthalate	ug/kg		1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chrysene	ug/kg		1000	1000	NE	84000	< 350 U	965	NS	NS	< 387 UJ	NS	NS	< 374 U	NS	NS	< 245 UJ	NS	NS	NS	
Dibenzo(a,h)anthracene	ug/kg		1000	1000	NE	1000	< 350 U	< 393 U	NS	NS	< 387 U	NS	NS	< 374 U	NS	NS	< 245 UJ	NS	NS	NS	
Fluoranthene	ug/kg		5600	56000	NE	1000000	< 350 U	1610	NS	NS	< 387 U	NS	NS	< 374 U	NS	NS	374	NS	NS	NS	
Fluorene	ug/kg		5600	56000	NE	1000000	< 350 U	< 393 U	NS	NS	< 387 U	NS	NS	< 374 U	NS	NS	< 245 U	NS	NS	NS	
Indeno(1,2,3-cd)pyrene	ug/kg		1000	1000	NE	1000	< 350 U	482	NS	NS	< 387 U	NS	NS	< 374 U	NS	NS	< 245 UJ	NS	NS	NS	
Naphthalene	ug/kg		5600	56000	NE	1000000	< 350 U	< 393 U	NS	NS	< 387 U	NS	NS	< 374 U	NS	NS	< 245 U	NS	NS	NS	
Phenanthrene	ug/kg		4000	40000	NE	1000000	< 350 U	1180	NS	NS	< 387 U	NS	NS	< 374 U							

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AD15-SS85 0 - 0.25 ft AD15 SS85 0-3 8/11/2011 SB33302	AD16-SB362 10 - 11 ft -SB362 (10-11)-041 4/12/2012 SB47192	AD16-SB362 3.5 - 4 ft -SB362 (3.5-4)-041 4/12/2012 SB47192	AD16-SS86 0 - 0.5 ft AD16-SS86-080411 8/4/2011 SB32875	AD16-SS86 0 - 0.5 ft AD16-SS86-080511 8/5/2011 SB32945	AD17-SB354 11.5 - 12.5 ft -SB354(11.5-12.5)-047 4/10/2012 SB46973	AD17-SB354 4.5 - 5 ft -SB354(4.5-5)-0410 4/10/2012 SB46973	AD17-SB354 6 - 7 ft -SB354(6-7)-0410 4/9/2012 SB46973	AD18-SB384 10 - 11 ft -SB384 (10-11)-062 6/25/2012 SB51819	AD18-SB384 3 - 4 ft -SB384 (3-4)-0625 6/25/2012 SB51819	AD18-SB384 8 - 9 ft -SB384 (8-9)-0625 6/25/2012 SB51819	AD8-SS182 0 - 0.25 ft AD8 SS182 0-3 8/11/2011 SB33302	AD9-SB469 12 - 13 ft -SB469 (12-13)712 7/12/2012 SB52747	AD9-SB469 3.5 - 3.6 ft -SB469 (3.5-3.6)712 7/12/2012 SB52747
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	< 5.76 U	< 5.06 U	NS	NS	< 7.93 UJ	< 5.38 UJ	< 5.68 UJ	< 5.35 UJ	< 5.36 UJ	< 6.94 UJ	NS	< 14.6 UJ	< 6.06 UJ
Arsenic	mg/kg	NE	NE	NE	10	NS	6.17	3.30	NS	3.78	< 2.38 U	< 1.61 U	< 1.70 U	3.52	4.87	9.35	NS	< 8.74 U	< 9.39 U
Barium	mg/kg	NE	NE	NE	4700	NS	366	59.5	NS	NS	270 J+	87.4 J+	140 J+	105	183	729	NS	194	496
Beryllium	mg/kg	NE	NE	NE	2	NS	< 0.576 U	0.506	NS	NS	1.54	< 0.538 U	0.647	< 0.535 U	0.660	0.783	NS	< 1.46 U	< 0.606 U
Cadmium	mg/kg	NE	NE	NE	34	NS	1.26	< 0.506 U	NS	< 0.32 U	< 0.793 U	< 0.538 U	< 0.568 U	< 0.535 U	< 0.536 U	3.93	NS	< 1.46 U	7.57
Chromium	mg/kg	NE	NE	NE	45.7	NS	17.2	59.1	NS	17.2	25.5	43.1	22.1	44.6	74.8	36.8	NS	36.8	121
Copper	mg/kg	NE	NE	NE	2500	NS	272	142	NS	NS	15.7	12.4	23.2	43.6	32.9	449	NS	34.9	16600
Lead	mg/kg	NE	NE	NE	400	NS	1910	22.3	NS	32.1	34.4	12.4	21.3	34.9 J-	36.2 J-	1030 J-	NS	7.22 J	1270 J
Mercury	mg/kg	NE	NE	NE	20	NS	0.258	0.0886	NS	< 0.07 U	0.0803 J+	0.0757 J+	< 0.0319 U	< 0.0311 U	0.0766	0.892	NS	< 0.0906 U	0.685
Nickel	mg/kg	NE	NE	NE	1400	NS	38.2	12.7	NS	NS	37.1	22.8	32.3	17.8 J-	24.6 J-	43.1 J-	NS	47.4 J	58.8 J
Selenium	mg/kg	NE	NE	NE	340	NS	< 1.73 U	< 1.52 U	NS	NS	< 2.38 U	< 1.61 U	< 1.70 U	< 1.60 U	< 1.61 U	< 2.08 U	NS	< 4.37 U	< 1.82 U
Silver	mg/kg	NE	NE	NE	340	NS	< 8.65 U	< 1.52 U	NS	NS	< 2.38 U	< 1.61 U	< 1.70 U	< 1.60 U	< 1.61 U	< 2.08 U	NS	< 4.37 U	< 1.82 U
Thallium	mg/kg	NE	NE	NE	5.4	NS	< 3.46 U	< 3.04 U	NS	NS	< 4.76 U	< 3.23 U	< 3.41 U	< 3.21 U	< 3.22 U	< 4.16 U	NS	< 8.74 U	< 3.63 U
Vanadium	mg/kg	NE	NE	NE	470	NS	42.2	21.8	NS	NS	59.1	23.6	38.2	14.1	36.9	70.6	NS	35.0	46.9
Zinc	mg/kg	NE	NE	NE	20000	NS	860	38.1	NS	NS	86.7	36.7	57.0	67.9	67.1	1580	NS	107	4030
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 19.7 U	114000	< 42.8 U	< 22.9 U	< 23.2 U	< 34.3 U	< 22.4 U	< 21.4 U	NS	< 20.3 U	< 28.4 U	< 22.3 U	< 58.8 U	< 488 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 19.7 U	< 2420 U	< 42.8 U	616	848	220	760	694	NS	917	1480	564	< 58.8 U	17400
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 19.7 U	< 2420 U	< 42.8 U	< 22.9 U	< 23.2 U	< 34.3 U	< 22.4 U	< 21.4 U	NS	< 20.3 U	< 28.4 U	< 22.3 U	< 58.8 U	< 488 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 19.7 U	< 2420 U	< 21.4 U	25.2	38.2	< 34.3 U	< 22.4 U	< 21.4 U	NS	27.5	118	< 22.3 U	< 58.8 U	830
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 19.7 U	< 2420 U	< 21.4 U	< 22.9 U	< 23.2 U	< 34.3 U	< 22.4 U	< 21.4 U	NS	< 20.3 U	< 28.4 U	< 22.3 U	< 58.8 U	< 488 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 19.7 U	114000	< 42.8 U	641	886	220	760	694	NS	945	1600	564	< 58.8 U	18230
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 7.11 U	NS	NS	NS	NS	NS	NS	< 9.40 U	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	19.8	NS	NS	NS	NS	NS	NS	7.60	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	< 7.11 U	NS	NS	NS	NS	NS	NS	< 9.40 U	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	15.3 J	NS	NS	NS	NS	NS	NS	59.9 J	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	139	NS	NS	NS	NS	NS	NS	322	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	< 7.11 U	NS	NS	NS	NS	NS	NS	< 9.40 U	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	14.5	NS	NS	NS	NS	NS	NS	46.6	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	< 7.11 U	NS	NS	NS	NS	NS	NS	< 9.40 U	NS
Total DDX	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	19.8	NS	NS	NS	NS	NS	NS	7.6	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 7.56 U	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AD9-SB469 4 - 5 ft 9-SB469 (4-5)712/12/2012 SB52747	AD9-SB469 5 - 6 ft 9-SB469 (5-6)712/12/2012 SB52747	AE10-SB458 1 - 2 ft 10-SB458 (1-2)0711/11/2012 SB52651	AE10-SB458 12 - 13 ft 10-SB458 (12-13)0711/11/2012 SB52651	AE10-SB458 4 - 5 ft 0-SB458 (4-5)0711/11/2012 SB52651	AE12-SB461 11.5 - 12 ft 12-SB461 (11.5-12)0711/11/2012 SB52651	AE12-SB461 2.5 - 3 ft 12-SB461 (2.5-3)0711/11/2012 SB52651	AE12-SB461 4 - 5 ft 12-SB461 (4-5)0711/11/2012 SB52651	AE12-SB461 5.5 - 6 ft 12-SB461 (5.5-6)0711/11/2012 SB52651	AE13-SB463 11 - 12 ft 13-SB463 (11-12)0711/11/2012 SB52651	AE13-SB463 3 - 4 ft 13-SB463 (3-4)0711/11/2012 SB52651	AE13-SB463 4.5 - 5 ft 13-SB463 (4.5-5)0711/11/2012 SB52651	AE13-SB463 5.5 - 6 ft 13-SB463 (5.5-6)0711/11/2012 SB52651	AE14-SB472 11.5 - 12 ft 14-SB472 (11.5-12)0711/12/2012 SB52747
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg		500	2500	NE	500	NS	302	NS	NS	1670	NS	NS	592	NS	NS	NS	NS	582	NS
Total Petroleum Hydrocarbons	mg/kg		500	2500	NE	500	NS	302	NS	NS	1670	NS	NS	592	NS	NS	NS	NS	582	NS
Unidentified	mg/kg		NE	NE	NE	NE	NS	302	NS	NS	1670	NS	NS	592	NS	NS	NS	NS	582	NS
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l		NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																				
1,1,1-Trichloroethane	ug/kg		4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	< 151 U	NS	NS	NS	< 241 U	NS
1,1-Dichloroethane	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	< 151 U	NS	NS	NS	< 241 U	NS
1,2,4-Trichlorobenzene	ug/kg		NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	< 151 U	NS	NS	NS	< 241 U	NS
1,2,4-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	2140	NS	NS	NS	1800	NS
1,2-Dichlorobenzene	ug/kg		3100	3100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	230	NS	NS	NS	< 241 U	NS
1,2-Dichloroethane	ug/kg		20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	< 151 U	NS	NS	NS	< 241 U	NS
1,3,5-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	820	NS	NS	NS	813	NS
1,3-Dichlorobenzene	ug/kg		12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	< 151 U	NS	NS	NS	< 241 U	NS
1,4-Dichlorobenzene	ug/kg		1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	< 151 U	NS	NS	NS	< 241 U	NS
2-Butanone (MEK)	ug/kg		8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	< 1510 U	NS	NS	NS	< 2410 U	NS
Acetone	ug/kg		14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	< 1510 U	NS	NS	NS	< 2410 U	NS
Benzene	ug/kg		20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	< 151 U	NS	NS	NS	< 241 U	NS
Chlorobenzene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	< 151 U	NS	NS	NS	< 241 U	NS
Chloroethane	ug/kg		NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	< 302 U	NS	NS	NS	< 482 U	NS
cis-1,2-Dichloroethylene	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	637	NS	NS	NS	1820	NS
Ethyl ether	ug/kg		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 151 U	NS	NS	NS	< 241 U	NS
Ethylbenzene	ug/kg		10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	1080	NS	NS	NS	1270	NS
Isopropylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	279	NS	NS	NS	< 241 U	NS
m,p-Xylenes	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	1830	NS	NS	NS	3440	NS
Methyl Isobutyl Ketone	ug/kg		7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	< 1510 U	NS	NS	NS	< 2410 U	NS
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	798	NS	NS	NS	1170	NS
n-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	379	NS	NS	NS	456	NS
n-Propylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	243	NS	NS	NS	253	NS
o-Xylene	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	1200 J	NS	NS	NS	675 J	NS
p-Isopropyltoluene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	550	NS	NS	NS	617	NS
sec-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	387	NS	NS	NS	282	NS
Styrene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	< 151 U	NS	NS	NS	< 241 U	NS
tert-butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	< 151 U	NS	NS	NS	< 241 U	NS
Tetrachloroethylene	ug/kg		100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	< 151 U	NS	NS	NS	< 241 U	NS
Toluene	ug/kg		20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	462	NS	NS	NS	499	NS
Total Xylenes	ug/kg		19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	3030	NS	NS	NS	4120	NS
trans-1,2-Dichloroethylene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	153	NS	NS	NS	600	NS
Trichloroethene	ug/kg		100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	231	NS	NS	NS	1110	NS
Vinyl chloride	ug/kg		40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	< 151 UJ	NS	NS	NS	316 J	NS
VOCs-SPLP																				
Total VOC-SPLP	ug/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg		200	1000	NE	21000	NS	< 201 U	NS	NS	< 2720 U	NS	NS	< 931 U	NS	NS	NS	NS	< 185 U	NS
2-Methylnaphthalene	ug/kg		560	5600	NE	270000	NS	< 201 U	NS	NS	< 2720 U	NS	NS	< 931 U	NS	NS	NS	NS	< 185 U	NS
Acenaphthene	ug/kg		8400	84000	NE	1000000	NS	< 201 U	NS	NS	< 2720 U	NS	NS	< 931 U	NS	NS	NS	NS	< 185 U	NS
Acenaphthylene	ug/kg		8400	84000	NE	1000000	NS	< 201 U	NS	NS	< 2720 U	NS	NS	< 931 U	NS	NS	NS	NS	< 185 U	NS
Anthracene	ug/kg		40000	400000	NE	1000000	NS	< 201 U	NS	NS	< 2720 U	NS	NS	< 931 U	NS	NS	NS	NS	< 185 U	NS
Benzo(a)anthracene	ug/kg		1000	1000	NE	1000	NS	< 201 U	NS	NS	< 2720 U	NS	NS	< 931 U	NS	NS	NS	NS	< 185 U	NS
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	< 201 U	NS	NS	< 2720 U	NS	NS	< 931 U	NS	NS	NS	NS	203	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	< 201 U	NS	NS	< 2720 U	NS	NS	< 931 U	NS	NS	NS	NS	< 185 U	NS
Benzo(g,h,i)perylene	ug/kg		1000	1000	NE	8400	NS	< 201 U	NS	NS	< 2720 U	NS	NS	< 931 U	NS	NS	NS	NS	< 185 U	NS
Benzo(k)fluoranthene	ug/kg		1000	1000	NE	8400	NS	< 201 U	NS	NS	< 2720 U	NS	NS	< 931 U	NS	NS	NS	NS	< 185 U	NS
Bis(2-ethylhexyl)phthalate	ug/kg		1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg		1000	1000	NE	84000	NS	< 201 U	NS	NS	< 2720 U	NS	NS	< 931 U	NS	NS	NS	NS	< 185 U	NS
Dibenzo(a,h)anthracene	ug/kg		1000	1000	NE	1000	NS	< 201 U	NS	NS	< 2720 U	NS	NS	< 931 U	NS	NS	NS	NS	< 185 U	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	315	NS	NS	< 2720 U	NS	NS	< 931 U	NS	NS	NS	NS	< 185 U	NS
Fluorene	ug/kg		5600	56000	NE	1000000	NS	< 201 U	NS	NS	< 2720 U	NS	NS	< 931 U	NS	NS	NS	NS	< 185 U	NS
Indeno(1,2,3-cd)pyrene	ug/kg		1000	1000	NE	1000	NS	< 201 U	NS	NS	< 2720 U	NS	NS	< 931 U	NS	NS	NS	NS	< 185 U	NS
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	241	NS	NS	< 2720 U	NS	NS	< 931 U	NS	NS	NS	NS	< 185 U	NS
Phenanthrene	ug/kg		4000	40000	NE	1000000	NS	< 201 U	NS	NS	< 2720 U	NS								

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AD9-SB469 4 - 5 ft 7/12/2012 SB52747	AD9-SB469 5 - 6 ft 7/12/2012 SB52747	AE10-SB458 1 - 2 ft 7/11/2012 SB52651	AE10-SB458 12 - 13 ft 7/11/2012 SB52651	AE10-SB458 4 - 5 ft 7/11/2012 SB52651	AE12-SB461 11.5 - 12 ft 7/11/2012 SB52651	AE12-SB461 2.5 - 3 ft 7/11/2012 SB52651	AE12-SB461 4 - 5 ft 7/11/2012 SB52651	AE12-SB461 5.5 - 6 ft 7/11/2012 SB52651	AE13-SB463 11 - 12 ft 7/11/2012 SB52651	AE13-SB463 3 - 4 ft 7/11/2012 SB52651	AE13-SB463 4.5 - 5 ft 7/11/2012 SB52651	AE13-SB463 5.5 - 6 ft 7/11/2012 SB52651	AE14-SB472 11.5 - 12 ft 7/12/2012 SB52747
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 5.91 UJ	< 5.57 UJ	< 5.52 UJ	< 7.15 UJ	< 37.3 UJ	< 11.9 UJ	< 5.05 UJ	NS	< 28.6 UJ	< 5.59 UJ	< 5.24 UJ	< 28.6 UJ	NS	< 5.37 UJ
Arsenic	mg/kg	NE	NE	NE	10	16.2	6.18	< 1.66 UJ	< 2.14 UJ	15.7 J-	< 3.58 UJ	< 1.51 UJ	NS	< 1.72 UJ	4.09 J-	< 1.57 UJ	< 8.59 UJ	NS	3.03
Barium	mg/kg	NE	NE	NE	4700	858	315	137	128	1340	162	353	NS	243	146	258	721	NS	31.0
Beryllium	mg/kg	NE	NE	NE	2	< 0.591 U	< 0.557 U	0.989	< 0.715 U	< 0.746 U	< 1.19 U	< 0.505 U	NS	< 0.572 U	< 2.79 U	< 0.524 U	< 0.573 U	NS	< 0.537 U
Cadmium	mg/kg	NE	NE	NE	34	6.06	2.39	< 0.552 UJ	< 0.715 UJ	7.64 J	< 1.19 UJ	< 0.505 UJ	NS	2.48 J	< 0.559 UJ	< 0.524 UJ	9.37 J	NS	< 0.537 U
Chromium	mg/kg	NE	NE	NE	340	95.0	45.1	39.7	28.4	230	25.7	18.7	NS	83.4	51.4	36.8	83.4	NS	8.66
Copper	mg/kg	NE	NE	NE	2500	900	659	13.3 J	10.7 J	1200 J	7.87 J	31.2 J	NS	222 J	44.6 J	32.3 J	666 J	NS	8.55
Lead	mg/kg	NE	NE	NE	400	1880 J	616 J	16.0 J	4.96 J	3720 J	6.10 J	28.0 J	NS	963 J	61.7 J	39.7 J	1200 J	NS	9.47 J
Mercury	mg/kg	NE	NE	NE	20	1.02	0.190	0.0491 J	< 0.0416 UJ	2.54 J	0.0970 J	0.0739 J	NS	0.545 J	0.206 J	0.0608 J	0.841 J	NS	< 0.0313 U
Nickel	mg/kg	NE	NE	NE	1400	62.3 J	34.0 J	14.1	18.0	75.1	10.3	12.5	NS	78.0	19.9	23.0	293	NS	5.75 J
Selenium	mg/kg	NE	NE	NE	340	< 1.77 U	< 1.67 U	< 1.66 UJ	< 2.14 UJ	< 2.24 UJ	< 3.58 UJ	< 1.51 UJ	NS	< 1.72 UJ	< 1.68 UJ	< 1.57 UJ	< 2.64 UJ	NS	< 1.61 U
Silver	mg/kg	NE	NE	NE	340	< 8.87 U	< 1.67 U	< 1.66 U	< 2.14 U	4.77	< 3.58 U	< 3.03 U	NS	< 1.72 U	< 1.68 U	< 1.73 U	< 9.17 U	NS	< 1.61 U
Thallium	mg/kg	NE	NE	NE	5.4	< 3.55 U	< 3.34 U	< 3.31 U	< 4.29 U	< 22.4 U	< 7.15 U	< 3.03 U	NS	< 17.2 U	< 3.35 U	< 3.15 U	< 17.2 U	NS	< 3.22 U
Vanadium	mg/kg	NE	NE	NE	470	58.0	39.6	34.1	26.0	81.1	16.1	68.4	NS	83.2	34.6	42.7	173	NS	10.6
Zinc	mg/kg	NE	NE	NE	20000	1890	815	44.9 J	55.5 J	3970 J	12.7 J	53.5 J	NS	998 J	72.5 J	63.9 J	1700 J	NS	22.5
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 494 U	< 227 U	< 20.6 U	103	< 642 U	413	124	NS	203000	317	1240	879000	NS	< 220 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	21900	13300 J+	308	< 28.1 U	40300	< 47.8 U	< 20.7 U	NS	< 23200 U	< 21.6 U	< 21.3 U	< 24300 U	NS	< 220 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 494 U	< 227 U	< 20.6 U	< 28.1 U	< 642 U	< 47.8 U	< 20.7 U	NS	< 23200 U	< 21.6 U	< 21.3 U	< 24300 U	NS	< 22.0 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	1010	568 J+	< 20.6 U	< 28.1 U	964	< 47.8 U	< 20.7 U	NS	< 23200 U	< 21.6 U	< 21.3 U	< 24300 U	NS	< 22.0 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 494 U	< 227 U	< 20.6 U	< 28.1 U	< 642 U	< 47.8 U	< 20.7 U	NS	< 23200 U	< 21.6 U	< 21.3 U	< 24300 U	NS	< 22.0 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	22900	13868	308	103	41264	413	124	NS	203000	317	1240	879000	NS	< 220 U
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Greenwich High School
10 Hillside Road
Greenwich, CT

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AE14-SB472 3 - 3.5 ft 7/12/2012 SB52747	AE14-SB472 5 - 6 ft 7/12/2012 SB52747	AE15-SB364 3.5 - 4 ft 4/12/2012 SB47192	AE15-SB364 6 - 6.5 ft 4/12/2012 SB47192	AE15-SB364 9 - 9 ft 4/12/2012 SB47192	AE16-SB291 0 - 2 ft 2/14/2012 SB43969	AE16-SB291 6 - 7 ft 2/14/2012 SB43969	AE16-SB291 9 - 10 ft 2/14/2012 SB43969	AE16-SB291 9 - 10 ft 2/14/2012 SB43969	AE16-SS89 0 - 0.5 ft 8/4/2011 SB32875	AE16-SS89 0 - 0.25 ft 8/10/2011 SB33302	AE17-SB79 0 - 1 ft 8/10/2011 SB33218	AE17-SB79 1 - 2 ft 8/10/2011 SB33218	AE17-SB79 10 - 11 ft 8/10/2011 SB33218
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg		500	2500	NE	500	NS	447	NS	752	NS	NS	NS	3840 J+	2760	NS	NS	NS	30.9	NS
Total Petroleum Hydrocarbons	mg/kg		500	2500	NE	500	NS	447	NS	752	NS	NS	NS	3840 J+	2760	NS	NS	NS	30.9	NS
Unidentified	mg/kg		NE	NE	NE	NE	NS	447	NS	752	NS	NS	NS	3840 J+	2760	NS	NS	NS	30.9	NS
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l		NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS																				
1,1,1-Trichloroethane	ug/kg		4000	40000	NE	500000	NS	< 145 U	NS	NS	NS	NS	NS	< 80.8 UJ	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg		1400	14000	NE	500000	NS	< 145 U	NS	NS	NS	NS	NS	< 80.8 U	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg		NE	NE	NE	21000	NS	< 145 UJ	NS	NS	NS	NS	NS	< 80.8 U	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	695	NS	NS	NS	NS	NS	1620	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg		3100	31000	NE	500000	NS	254	NS	NS	NS	NS	NS	123	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg		20	200	NE	6700	NS	< 145 U	NS	NS	NS	NS	NS	< 80.8 U	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	304	NS	NS	NS	NS	NS	247	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg		12000	120000	NE	500000	NS	< 145 U	NS	NS	NS	NS	NS	< 80.8 U	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg		1500	15000	NE	26000	NS	< 145 U	NS	NS	NS	NS	NS	< 80.8 U	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg		8000	80000	NE	500000	NS	< 1450 U	NS	NS	NS	NS	NS	< 808 U	NS	NS	NS	NS	NS	NS
Acetone	ug/kg		14000	140000	NE	500000	NS	< 1450 U	NS	NS	NS	NS	NS	< 808 U	NS	NS	NS	NS	NS	NS
Benzene	ug/kg		20	200	NE	21000	NS	156	NS	NS	NS	NS	NS	< 80.8 U	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg		2000	20000	NE	500000	NS	< 145 U	NS	NS	NS	NS	NS	159	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg		NE	NE	NE	130000	NS	< 289 U	NS	NS	NS	NS	NS	< 162 U	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg		1400	14000	NE	500000	NS	6940	NS	NS	NS	NS	NS	< 80.8 U	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg		NE	NE	NE	NE	NS	< 145 U	NS	NS	NS	NS	NS	< 80.8 U	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg		10100	10100	NE	500000	NS	823 J	NS	NS	NS	NS	NS	822	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg		NE	NE	NE	500000	NS	< 145 U	NS	NS	NS	NS	NS	103	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg		NE	19500	NE	NE	NS	2130	NS	NS	NS	NS	NS	1400	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg		7000	14000	NE	500000	NS	< 1450 U	NS	NS	NS	NS	NS	< 808 U	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	814	NS	NS	NS	NS	NS	1450	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	304	NS	NS	NS	NS	NS	495	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg		NE	NE	NE	500000	NS	178	NS	NS	NS	NS	NS	146	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg		NE	19500	NE	NE	NS	627 J	NS	NS	NS	NS	NS	205	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg		NE	NE	NE	500000	NS	327	NS	NS	NS	NS	NS	233	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	171	NS	NS	NS	NS	NS	146	NS	NS	NS	NS	NS	NS
Styrene	ug/kg		2000	20000	NE	500000	NS	< 145 U	NS	NS	NS	NS	NS	< 80.8 U	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg		NE	NE	NE	500000	NS	< 145 U	NS	NS	NS	NS	NS	< 80.8 U	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg		100	1000	NE	12000	NS	186	NS	NS	NS	NS	NS	< 80.8 U	NS	NS	NS	NS	NS	NS
Toluene	ug/kg		20000	67000	NE	500000	NS	623	NS	NS	NS	NS	NS	606	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg		19500	19500	NE	NE	NS	2760	NS	NS	NS	NS	NS	1610	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg		2000	20000	NE	500000	NS	3820	NS	NS	NS	NS	NS	< 80.8 U	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg		100	1000	NE	56000	NS	5280	NS	NS	NS	NS	NS	< 80.8 U	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg		40	400	NE	320	NS	1670 J	NS	NS	NS	NS	NS	< 80.8 U	NS	NS	NS	NS	NS	NS
VOCS-SPLP																				
Total VOC-SPLP	ug/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg		200	1000	NE	21000	NS	231	NS	< 692 U	NS	NS	NS	< 4390 U	< 4230 U	NS	< 241 U	NS	< 361 UJ	NS
2-Methylnaphthalene	ug/kg		560	5600	NE	270000	NS	398	NS	< 692 U	NS	NS	NS	< 4390 UJ	< 4230 UJ	NS	< 241 U	NS	< 361 U	NS
Acenaphthene	ug/kg		8400	84000	NE	1000000	NS	< 197 U	NS	< 692 U	NS	NS	NS	< 4390 UJ	< 4230 UJ	NS	< 241 U	NS	< 361 U	NS
Acenaphthylene	ug/kg		8400	84000	NE	1000000	NS	< 197 U	NS	< 692 U	NS	NS	NS	< 4390 UJ	< 4230 UJ	NS	< 241 U	NS	< 361 U	NS
Anthracene	ug/kg		40000	400000	NE	1000000	NS	< 197 U	NS	< 692 U	NS	NS	NS	< 4390 U	< 4230 U	NS	< 241 U	NS	< 361 U	NS
Benzo(a)anthracene	ug/kg		1000	1000	NE	1000	NS	373	NS	NS	NS	NS	NS	< 4390 U	< 4230 U	NS	< 241 U	NS	< 361 U	NS
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	452	NS	NS	NS	NS	NS	< 4390 U	< 4230 U	NS	< 241 U	NS	< 361 U	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	493	NS	NS	NS	NS	NS	< 4390 U	< 4230 U	NS	< 241 U	NS	< 361 U	NS
Benzo(g,h,i)perylene	ug/kg		1000	1000	NE	8400	NS	334	NS	< 692 U	NS	NS	NS	< 4390 U	< 4230 U	NS	< 241 U	NS	< 361 U	NS
Benzo(k)fluoranthene	ug/kg		1000	1000	NE	8400	NS	345	NS	NS	NS	NS	NS	< 4390 U	< 4230 U	NS	< 241 U	NS	< 361 U	NS
Bis(2-ethylhexyl)phthalate	ug/kg		1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg		1000	1000	NE	84000	NS	398	NS	NS	NS	NS	NS	< 4390 U	< 4230 U	NS	< 241 U	NS	< 361 U	NS
Dibenzo(a,h)anthracene	ug/kg		1000	1000	NE	1000	NS	< 197 U	NS	< 692 U	NS	NS	NS	< 4390 U	< 4230 U	NS	< 241 U	NS	< 361 U	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	519	NS	NS	NS	NS	NS	< 4390 U	< 4230 U	NS	< 241 U	NS	< 361 U	NS
Fluorene	ug/kg		5600	56000	NE	1000000	NS	< 197 U	NS	< 692 U	NS	NS	NS	< 4390 U	< 4230 U	NS	< 241 U	NS	< 361 U	NS
Indeno(1,2,3-cd)pyrene	ug/kg		1000	1000	NE	1000	NS	346	NS	< 692 U	NS	NS	NS	< 4390 U	< 4230 U	NS	< 241 U	NS	< 361 U	NS
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	1670	NS	< 692 U	NS	NS	NS	< 4390 U	< 4230 U	NS	< 241 U	NS	< 361 U	NS
Phenanthrene	ug/kg		4000	40000	NE	1000000	NS	415	NS	NS	NS	NS	NS	< 4390 U	< 4230 U	NS	< 241 U	NS	< 361 U	NS

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AE14-SB472 3 - 3.5 ft 7/12/2012 SB52747	AE14-SB472 5 - 6 ft 7/12/2012 SB52747	AE15-SB364 3.5 - 4 ft 4/12/2012 SB47192	AE15-SB364 6 - 6.5 ft 4/12/2012 SB47192	AE15-SB364 9 - 9 ft 4/12/2012 SB47192	AE16-SB291 0 - 2 ft 2/14/2012 SB43969	AE16-SB291 6 - 7 ft 2/14/2012 SB43969	AE16-SB291 9 - 10 ft 2/14/2012 SB43969	AE16-SB291 9 - 10 ft 2/14/2012 SB43969	AE16-SS89 0 - 0.5 ft 8/4/2011 SB32875	AE16-SS89 0 - 0.25 ft 8/11/2011 SB33302	AE17-SB79 0 - 1 ft 8/10/2011 SB33218	AE17-SB79 1 - 2 ft 8/10/2011 SB33218	AE17-SB79 10 - 11 ft 8/10/2011 SB33218
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 4.70 UJ	< 5.41 UJ	< 5.48 U	< 4.98 U	< 4.68 U	NS	< 5.48 UJ	< 6.61 UJ	7.59 J-	NS	NS	NS	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	2.65	< 8.12 U	5.57	3.78	< 1.40 U	NS	3.64	< 9.01 U	11.6	NS	4.13	NS	3.26	NS
Barium	mg/kg	NE	NE	NE	4700	77.9	566	107	309	102	NS	102	302	379	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	< 0.470 U	< 0.541 U	0.722	< 0.498 U	< 0.468 U	NS	0.569	< 0.601 U	< 0.562 U	NS	NS	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	< 0.470 U	5.56	< 0.548 U	< 0.498 U	< 0.468 U	NS	< 0.548 UJ	2.34 J	5.31 J	NS	0.627	NS	0.566	NS
Chromium	mg/kg	NE	NE	NE	119	19.6	119	43.5	117	19.1	NS	39.7	157	279	NS	18.9	NS	24.9	NS
Copper	mg/kg	NE	NE	NE	2500	19.7	477	24.0	118	27.8	NS	20.1 J	226 J	38400 J	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	NE	400	34.1 J	1650 J	32.4	162	3.70	NS	21.3	797	945	NS	30.9	NS	23.8	NS
Mercury	mg/kg	NE	NE	NE	20	0.0539	0.822	0.163	0.0898	< 0.0294 U	NS	0.0583 J	0.289 J	0.591 J	NS	0.116	NS	< 0.0301 U	NS
Nickel	mg/kg	NE	NE	NE	1400	11.6 J	54.5 J	27.0	46.2	31.3	NS	27.3 J	75.6 J	131 J	NS	NS	NS	NS	NS
Selenium	mg/kg	NE	NE	NE	340	< 1.41 U	< 1.62 U	< 1.64 U	< 1.50 U	< 1.40 U	NS	< 1.64 U	< 1.80 U	< 1.68 U	NS	NS	NS	NS	NS
Silver	mg/kg	NE	NE	NE	340	< 1.41 U	< 1.62 U	< 1.64 U	< 1.50 U	< 1.40 U	NS	< 1.64 U	< 1.80 U	4.32	NS	NS	NS	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	< 2.82 U	< 3.25 U	< 3.29 U	< 2.99 U	< 2.81 U	NS	< 3.29 U	< 3.60 U	4.77	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	21.1	51.9	35.6	53.0	23.3	NS	32.2	74.7	101	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	48.3	1330	48.3	204	70.7	NS	43.5 J	527 J	7330 J	NS	NS	NS	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 20.3 U	< 2310 U	< 22.2 U	384000	NS	NS	< 204 U	2270000	2150000	< 20.7 U	< 23.6 U	< 22.2 U	< 20.3 U	NS
Aroclor 1248	ug/kg	NE	NE	NE	NE	1460	118000	< 22.2 U	< 21000 U	NS	NS	< 204 U	< 25000 U	< 23600 U	83.0	235	< 22.2 U	< 20.3 U	NS
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 20.3 U	< 2310 U	< 22.2 U	< 21000 U	NS	NS	< 204 U	< 25000 U	< 23600 U	< 20.7 U	< 23.6 U	< 22.2 U	< 20.3 U	NS
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 20.3 U	< 2310 U	< 22.2 U	< 21000 U	NS	NS	< 204 U	27800	25200	< 20.7 U	< 23.6 U	< 22.2 U	< 20.3 U	NS
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 20.3 U	< 2310 U	< 22.2 U	< 21000 U	NS	NS	< 204 U	< 25000 U	< 23600 U	< 20.7 U	< 23.6 U	< 22.2 U	< 20.3 U	NS
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	1460	118000	< 22.2 U	384000	NS	NS	< 204 U	2300000	2180000	83.0	235	< 22.2 U	< 20.3 U	NS
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	15.6	NS	NS	NS	NS	< 9.75 U	< 8.94 U	NS	< 8.73 U
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	14.8	NS	NS	NS	NS	< 5.59 U	< 5.45 U	NS	< 5.45 U
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	< 9.82 U	NS	NS	NS	NS	< 9.75 U	< 8.94 U	NS	< 8.73 U
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	28.7 J	NS	NS	NS	NS	7.15 J	69.8	NS	< 5.45 U
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	186	NS	NS	NS	NS	45.1	473	NS	< 21.8 U
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	< 9.82 U	NS	NS	NS	NS	< 9.75 U	< 8.94 U	NS	< 8.73 U
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	23.2	NS	NS	NS	NS	< 6.09 U	61.4 J	NS	< 5.45 U
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	< 9.82 U	NS	NS	NS	NS	< 9.75 U	< 8.94 U	NS	< 8.73 U
Total DDX	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	30.4	NS	NS	NS	NS	17.9	< 8.94	NS	< 8.73
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.305	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AE17-SB79 5 - 6 ft AE17-SB79 5-6 8/10/2011 SB33218	AE17-SB79 6 - 7 ft AE17-SB79 6-7 8/10/2011 SB33218	AE19-SB263 12 - 13 ft -SB263 (12-13)-122 12/28/2011 SB41712	AE19-SB263 4 - 5 ft 9-SB263 (4-5)-1228 12/28/2011 SB41712	AE19-SB263 6 - 7 ft 9-SB263 (6-7)-1228 12/28/2011 SB41712	AE19-SB263 6 - 7 ft 9-SB263 (6-7)-1228 12/28/2011 SB41712	AE8-SB275 0 - 1 ft 8-SB275(0-1)-122918 12/29/2011 SB41766	AE8-SB275 3 - 5 ft 8-SB275(3-5)-122918 12/29/2011 SB41766	AE8-SB275 5 - 6 ft 8-SB275(5-6)-122918 12/29/2011 SB41766	AE8-SB275 7 - 8 ft 8-SB275(7-8)-122918 12/29/2011 SB41766	AE8-SS87 0 - 0.5 ft AE8-SS87-080411 8/4/2011 SB32875	AE8-SS87 0 - 0.25 ft AE8 SS87 0-3 8/11/2011 SB33302	AF13-SB456 2 - 3 ft 3-SB456 (2-3)071118 7/11/2012 SB52651	AF13-SB456 4 - 4.5 ft 3-SB456 (4-4.5)0711 7/11/2012 SB52651	
Metals																				
Antimony	mg/kg	NE	NE	NE	27	NS	NS	< 5.29 UJ	NS	16.8 J-	22.3 J-	NS	< 6.41 UJ	NS	< 5.31 UJ	NS	NS	< 4.53 UJ	< 30.1 UJ	
Arsenic	mg/kg	NE	NE	NE	10	1.63	NS	< 1.59 UJ	NS	45.9 J	22.5 J	NS	< 1.92 U	NS	< 1.59 U	NS	NS	< 1.36 U	< 9.03 UJ	
Barium	mg/kg	NE	NE	NE	4700	NS	NS	60.0 J	NS	1170 J	1040 J	NS	82.9 J	NS	42.4 J	NS	NS	290	595	
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	< 0.529 U	NS	< 0.630 U	< 0.640 U	NS	0.789	NS	< 0.531 U	NS	NS	< 2.27 U	< 0.602 U	
Cadmium	mg/kg	NE	NE	NE	34	0.612	NS	0.678 J	NS	18.4 J	13.1 J	NS	< 0.641 U	NS	< 0.531 U	NS	NS	< 0.453 UJ	2.93 J	
Chromium	mg/kg	NE	NE	NE	40.5	NS	NS	15.6 J	NS	230 J	186 J	NS	29.2 J	NS	9.94 J	NS	NS	99.1	123	
Copper	mg/kg	NE	NE	NE	2500	NS	NS	11.5 J	NS	1170 J	378 J	NS	5.62 J-	NS	7.29 J-	NS	NS	28.6 J	439 J	
Lead	mg/kg	NE	NE	NE	400	9.65	NS	10.7 J	NS	1940 J	1970 J	NS	7.16	NS	2.28	NS	NS	17.2 J	1830 J	
Mercury	mg/kg	NE	NE	NE	20	< 0.0298 U	NS	< 0.981 U	NS	< 1.16 U	< 1.12 U	NS	0.0350 J	NS	< 0.0333 UJ	NS	NS	< 0.0292 UJ	0.605 J	
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	12.9 J	NS	199 J	87.1 J	NS	12.8 J	NS	5.05 J	NS	NS	38.1	66.2	
Selenium	mg/kg	NE	NE	NE	340	NS	NS	< 1.59 U	NS	< 3.15 U	< 1.92 U	NS	< 1.92 U	NS	< 1.59 U	NS	NS	< 1.36 UJ	2.02 J-	
Silver	mg/kg	NE	NE	NE	340	NS	NS	< 1.59 UJ	NS	3.98 J	67.7 J	NS	< 1.92 U	NS	< 1.59 U	NS	NS	< 6.80 U	< 1.81 U	
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	< 3.18 U	NS	< 12.6 U	< 8.96 U	NS	< 3.85 U	NS	< 3.19 U	NS	NS	< 2.72 U	< 18.1 U	
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	18.0 J	NS	154 J	71.1 J	NS	22.1	NS	8.89	NS	NS	65.8	67.7	
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	31.9 J	NS	4110 J	2220 J	NS	26.3 JEB	NS	13.1 JEB	NS	NS	70.7 J	1390 J	
Metals-SPLP																				
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	< 8.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	< 4.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	346	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	< 2.5 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	< 7.5 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	< 34.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Cyanide																				
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	< 1.19 UJ	NS	NS	NS	NS	NS	NS	
PCBs																				
Aroclor 1242	ug/kg	NE	NE	NE	NE	NS	NS	< 21.9 U	< 21.0 U	< 19.7 U	< 525 U	< 516 U	NS	< 25.8 U	< 591 U	NS	< 21.5 U	< 23.5 U	< 20.8 U	< 23600 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	NS	NS	< 21.9 U	< 21.0 U	< 19.7 U	< 525 U	< 516 U	NS	< 25.8 U	< 591 U	NS	729	1930	468	362000
Aroclor 1254	ug/kg	NE	NE	NE	NE	NS	NS	< 21.9 U	< 21.0 U	< 19.7 U	< 525 U	< 516 U	NS	< 25.8 U	< 591 U	NS	< 21.5 U	< 23.5 U	< 20.8 U	< 23600 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	NS	NS	< 21.9 U	< 21.0 U	< 19.7 U	< 525 U	< 516 U	NS	< 25.8 U	< 591 U	NS	< 21.5 U	58.7	< 20.8 U	< 23600 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	NS	NS	< 21.9 U	< 21.0 U	< 19.7 U	< 525 U	< 516 U	NS	< 25.8 U	< 591 U	NS	< 21.5 U	< 23.5 U	< 20.8 U	< 23600 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	NS	NS	< 21.9 U	< 21.0 U	< 19.7 U	< 525 U	< 516 U	NS	< 25.8 U	< 591 U	NS	729	1990	468	362000
PCBs-SPLP																				
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Pesticides																				
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	< 8.90 U	NS	NS	NS	< 11.2 U	NS	NS	NS	NS	NS	NS	NS	
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	< 5.56 U	NS	NS	NS	< 6.97 U	NS	NS	NS	NS	NS	NS	NS	
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	< 8.90 U	NS	NS	NS	< 11.2 U	NS	NS	NS	NS	NS	NS	NS	
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	24.2	NS	NS	NS	9.13 J	NS	NS	NS	NS	NS	NS	NS	
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	134	NS	NS	NS	77.4	NS	NS	NS	NS	NS	NS	NS	
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	< 8.90 U	NS	NS	NS	< 11.2 U	NS	NS	NS	NS	NS	NS	NS	
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	24.9 J	NS	NS	NS	7.17	NS	NS	NS	NS	NS	NS	NS	
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	< 8.90 U	NS	NS	NS	< 11.2 U	NS	NS	NS	NS	NS	NS	NS	
Total DDx	ug/kg	3	20	NE	1800	NS	NS	< 8.90	NS	NS	NS	< 6.97	NS	NS	NS	NS	NS	NS	NS	
Pesticides-SPLP																				
Chlordane	ug/l	NE	NE	3	NE	NS	NS	0.190	NS	NS	NS	NS	NS							
Herbicides																				
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 9.54 U	NS	NS	NS	NS	NS	NS	NS	

Notes:
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RES DEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
GWPC = Groundwater Protection Criteria
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
NE = Criteria has not been established
NS = Not sampled for this constituent
ug/kg = micrograms per kilogram
ug/l = micrograms per liter
mg/kg = milligrams per kilogram
U = The analyte was not detected above the detection limit
J+ = Result may be biased high
J- = Result may be biased low
J = Result is considered estimated
UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AF14-SB454 4 - 5 ft 7/10/2012 SB52651	AF14-SB454 5.5 - 6 ft 7/10/2012 SB52651	AF15-SB259 0 - 1 ft 12/27/2011 SB41712	AF15-SB259 13 - 14 ft 12/27/2011 SB41712	AF15-SB259 4 - 5 ft 12/27/2011 SB41712	AF15-SB259 6 - 7.5 ft 12/27/2011 SB41712	AF15-SB259 9 - 10 ft 12/27/2011 SB41712	AF16-SB361 10.5 - 11 ft 4/12/2012 SB47192	AF16-SB361 13 - 13.5 ft 4/12/2012 SB47192	AF16-SB361 4.5 - 5 ft 4/12/2012 SB47192	AF17-SB353 1 - 1.5 ft 4/10/2012 SB46973	AF17-SB353 11.5 - 12 ft 4/10/2012 SB46973	AF17-SB353 11.5 - 12 ft 4/10/2012 SB46973	AF17-SB353 5 - 7 ft 4/10/2012 SB46973
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg		500	2500	NE	500	NS	538	NS	NS	NS	2350	NS	366	NS	NS	NS	NS	NS	< 15.9 U
Total Petroleum Hydrocarbons	mg/kg		500	2500	NE	500	NS	538	NS	NS	NS	2350	NS	366	NS	NS	NS	NS	NS	< 15.9 U
Unidentified	mg/kg		NE	NE	NE	NE	NS	538	NS	NS	NS	2350	NS	366	NS	NS	NS	NS	NS	< 15.9 U
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l		NE	NE	2.5	NE	NS	NS	NS	NS	NS	0.7	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	0.7	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	0.7	NS	NS	NS	NS	NS	NS	NS	NS
VOCS																				
1,1,1-Trichloroethane	ug/kg		4000	40000	NE	500000	NS	NS	NS	NS	NS	< 84.5 U	NS	< 103 UJ	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	< 84.5 U	NS	< 103 U	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg		NE	NE	NE	21000	NS	NS	NS	NS	NS	< 84.5 U	NS	< 103 U	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	12000	NS	< 103 U	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg		3100	3100	NE	500000	NS	NS	NS	NS	NS	2330	NS	< 103 U	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg		20	200	NE	6700	NS	NS	NS	NS	NS	< 84.5 U	NS	< 103 U	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	3460 J-	NS	< 103 U	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg		12000	120000	NE	500000	NS	NS	NS	NS	NS	138	NS	< 103 U	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg		1500	15000	NE	26000	NS	NS	NS	NS	NS	233	NS	< 103 U	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg		8000	80000	NE	500000	NS	NS	NS	NS	NS	< 845 U	NS	< 1030 U	NS	NS	NS	NS	NS	NS
Acetone	ug/kg		14000	140000	NE	500000	NS	NS	NS	NS	NS	< 845 U	NS	< 1030 UJ	NS	NS	NS	NS	NS	NS
Benzene	ug/kg		20	200	NE	21000	NS	NS	NS	NS	NS	< 84.5 U	NS	< 103 U	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	954	NS	< 103 U	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg		NE	NE	NE	130000	NS	NS	NS	NS	NS	< 169 U	NS	< 206 U	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	1250	NS	< 103 U	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg		NE	NE	NE	NE	NS	NS	NS	NS	NS	< 84.5 U	NS	< 103 U	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg		10100	10100	NE	500000	NS	NS	NS	NS	NS	19400	NS	< 103 U	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	870	NS	< 103 U	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	109000	NS	< 206 U	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg		7000	14000	NE	500000	NS	NS	NS	NS	NS	< 845 U	NS	< 1030 U	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	7250	NS	< 103 U	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	3030	NS	< 103 U	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	1400	NS	< 103 U	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	32100	NS	< 103 U	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	800	NS	< 103 U	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	487	NS	< 103 U	NS	NS	NS	NS	NS	NS
Styrene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	192	NS	< 103 U	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	< 84.5 U	NS	< 103 U	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg		100	1000	NE	12000	NS	NS	NS	NS	NS	< 84.5 U	NS	< 103 U	NS	NS	NS	NS	NS	NS
Toluene	ug/kg		20000	67000	NE	500000	NS	NS	NS	NS	NS	1640	NS	< 103 U	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg		19500	19500	NE	NE	NS	NS	NS	NS	NS	141000	NS	< 206 U	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	525	NS	< 103 U	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg		100	1000	NE	56000	NS	NS	NS	NS	NS	231	NS	< 103 U	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg		40	400	NE	320	NS	NS	NS	NS	NS	194 J	NS	< 103 U	NS	NS	NS	NS	NS	NS
VOCS-SPLP																				
Total VOC-SPLP	ug/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg		200	1000	NE	21000	NS	< 2030 U	NS	NS	NS	< 1060 U	NS	< 403 U	NS	NS	NS	NS	NS	< 394 U
2-Methylnaphthalene	ug/kg		560	5600	NE	270000	NS	< 2030 U	NS	NS	NS	< 1060 U	NS	< 403 U	NS	NS	NS	NS	NS	< 394 U
Acenaphthene	ug/kg		8400	84000	NE	1000000	NS	< 2030 U	NS	NS	NS	< 1060 U	NS	< 403 U	NS	NS	NS	NS	NS	< 394 U
Acenaphthylene	ug/kg		8400	84000	NE	1000000	NS	< 2030 U	NS	NS	NS	< 1060 UJ	NS	< 403 U	NS	NS	NS	NS	NS	< 394 U
Anthracene	ug/kg		40000	400000	NE	1000000	NS	< 2030 U	NS	NS	NS	< 1060 U	NS	< 403 U	NS	NS	NS	NS	NS	< 394 U
Benzo(a)anthracene	ug/kg		1000	1000	NE	1000	NS	< 2030 U	NS	NS	NS	1300	NS	< 403 U	NS	NS	NS	NS	NS	< 394 U
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	< 2030 U	NS	NS	NS	1180	NS	< 403 U	NS	NS	NS	NS	NS	< 394 U
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	< 2030 U	NS	NS	NS	< 1060 U	NS	< 403 U	NS	NS	NS	NS	NS	< 394 U
Benzo(g,h,i)perylene	ug/kg		1000	1000	NE	8400	NS	< 2030 U	NS	NS	NS	< 1060 U	NS	< 403 U	NS	NS	NS	NS	NS	< 394 U
Benzo(k)fluoranthene	ug/kg		1000	1000	NE	8400	NS	< 2030 U	NS	NS	NS	< 1060 U	NS	< 403 U	NS	NS	NS	NS	NS	< 394 U
Bis(2-ethylhexyl)phthalate	ug/kg		1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg		1000	1000	NE	84000	NS	< 2030 U	NS	NS	NS	1150	NS	< 403 U	NS	NS	NS	NS	NS	< 394 U
Dibenzo(a,h)anthracene	ug/kg		1000	1000	NE	1000	NS	< 2030 U	NS	NS	NS	< 1060 U	NS	< 403 U	NS	NS	NS	NS	NS	< 394 U
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	< 2030 U	NS	NS	NS	2230	NS	< 403 U	NS	NS	NS	NS	NS	< 394 U
Fluorene	ug/kg		5600	56000	NE	1000000	NS	< 2030 U	NS	NS	NS	< 1060 U	NS	< 403 U	NS	NS	NS	NS	NS	< 394 U
Indeno(1,2,3-cd)pyrene	ug/kg		1000	1000	NE	1000	NS	< 2030 U	NS	NS	NS	< 1060 U	NS	< 403 U	NS	NS	NS	NS	NS	< 394 U
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	< 2030 U	NS	NS	NS	2160	NS	< 403 U	NS	NS	NS	NS	NS	< 394 U
Phenanthrene	ug/kg		4000	40000	NE	1000000	NS	< 2030 U	NS	NS	NS	1640	NS	< 403 U	NS	NS	NS	NS	NS	< 394 U
Pyrene	ug/kg		4000	40000																

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AF14-SB454 4 - 5 ft 7/10/2012 SB52651	AF14-SB454 5.5 - 6 ft 7/10/2012 SB52651	AF15-SB259 0 - 1 ft 12/27/2011 SB41712	AF15-SB259 13 - 14 ft 12/27/2011 SB41712	AF15-SB259 4 - 5 ft 12/27/2011 SB41712	AF15-SB259 6 - 7.5 ft 12/27/2011 SB41712	AF15-SB259 9 - 10 ft 12/27/2011 SB41712	AF16-SB361 10.5 - 11 ft 4/12/2012 SB47192	AF16-SB361 13 - 13.5 ft 4/12/2012 SB47192	AF16-SB361 4.5 - 5 ft 4/12/2012 SB47192	AF17-SB353 1 - 1.5 ft 4/10/2012 SB46973	AF17-SB353 11.5 - 12 ft 4/10/2012 SB46973	AF17-SB353 11.5 - 12 ft 4/10/2012 SB46973	AF17-SB353 5 - 7 ft 4/10/2012 SB46973
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 7.61 UJ	< 6.09 UJ	NS	< 13.5 UJ	NS	< 6.04 UJ	NS	< 5.60 U	< 5.36 U	< 5.16 U	< 5.67 UJ	< 6.10 UJ	< 8.92 UJ	< 5.55 UJ
Arsenic	mg/kg	NE	NE	NE	10	< 19.0 U	< 1.83 U	NS	< 4.04 UJ	NS	13.3 J	NS	7.81	< 1.61 U	6.43	7.40	< 1.83 UJ	< 2.68 U	< 1.66 U
Barium	mg/kg	NE	NE	NE	4700	617	414	NS	251 J	NS	738 J	NS	104	175	109	81.5 J+	128 J+	181 J+	144 J+
Beryllium	mg/kg	NE	NE	NE	2	< 0.761 U	< 0.609 U	NS	< 1.35 U	NS	< 0.604 U	NS	< 0.580 U	< 0.536 U	0.665	0.952	0.628	0.910	0.866
Cadmium	mg/kg	NE	NE	NE	34	5.74 J	2.66 J	NS	< 1.35 UJ	NS	12.4 J	NS	< 0.560 U	< 0.536 U	< 0.516 U	< 0.567 U	< 0.610 U	< 0.892 U	< 0.555 U
Chromium	mg/kg	NE	NE	NE	108	176	108	NS	41.8 J	NS	134 J	NS	25.3	24.7	57.2	18.3	21.8	31.1	50.3
Copper	mg/kg	NE	NE	NE	2500	441 J	240 J	NS	13.8 J	NS	845 J	NS	49.7	34.8	20.1	15.8	19.0	20.6	22.5
Lead	mg/kg	NE	NE	NE	400	3320 J	1380 J	NS	7.90 J	NS	1850 J	NS	261	5.68	18.9	49.8	17.8	26.9	12.7
Mercury	mg/kg	NE	NE	NE	20	0.974 J	0.498 J	NS	0.118 J+	NS	0.961 J+	NS	0.328	< 0.0320 U	< 0.0310 U	0.0752 J+	< 0.0340 U	< 0.0575 U	< 0.0328 U
Nickel	mg/kg	NE	NE	NE	1400	90.5	172	NS	19.8 J	NS	120 J	NS	57.7	27.3	28.0	9.20	19.6	24.7	34.8
Selenium	mg/kg	NE	NE	NE	340	< 2.28 UJ	< 1.83 UJ	NS	< 4.17 U	NS	< 1.81 U	NS	< 1.68 U	< 1.61 U	< 1.55 U	< 1.70 U	< 1.83 U	< 2.68 U	< 1.66 U
Silver	mg/kg	NE	NE	NE	340	< 11.4 U	< 1.83 U	NS	< 4.04 UJ	NS	6.54 J	NS	< 1.68 U	< 1.61 U	< 1.55 U	< 1.70 U	< 1.83 U	< 2.68 U	< 1.66 U
Thallium	mg/kg	NE	NE	NE	5.4	< 4.57 U	< 3.65 U	NS	< 8.07 U	NS	< 6.65 U	NS	< 3.36 U	< 3.21 U	< 3.10 U	< 3.40 U	< 3.66 U	< 5.35 U	< 3.33 U
Vanadium	mg/kg	NE	NE	NE	470	83.6	51.6	NS	26.6 J	NS	85.7 J	NS	24.3	33.6	43.0	31.3	24.8	31.2	40.5
Zinc	mg/kg	NE	NE	NE	20000	1500 J	1030 J	NS	37.6 J	NS	1660 J	NS	186	66.6	42.7	51.6	52.5	59.7	56.4
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	< 4.0 U	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	91.6	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	< 2.5 U	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	< 7.5 U	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	< 46.0 U	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	1.78 J	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 30600 U	< 23000 U	NS	NS	5350	570000	< 20.3 U	197000	680	< 213 U	< 225 U	< 25.3 U	< 38.0 U	< 22.9 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	694000	534000	NS	NS	< 22.1 U	< 25.6 U	< 20.3 U	< 4560 U	< 21.0 U	< 213 U	< 225 U	885	289	64.2
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 30600 U	< 23000 U	NS	NS	< 22.1 U	< 25.6 U	< 20.3 U	< 4560 U	< 42.1 U	< 213 U	< 225 U	< 25.3 U	< 38.0 U	< 22.9 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 30600 U	< 23000 U	NS	NS	54.1	5410	< 20.3 U	< 4560 U	< 21.0 U	< 21.3 U	< 22.5 U	< 25.3 U	< 38.0 U	< 22.9 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 30600 U	< 23000 U	NS	NS	< 22.1 U	< 25.6 U	< 20.3 U	< 4560 U	< 21.0 U	< 21.3 U	< 22.5 U	< 25.3 U	< 38.0 U	< 22.9 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	694000	534000	NS	NS	5404.1	575410	< 20.3 U	197000	680	< 213 U	< 225 U	885	289	64.2
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	73.3	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 0.211 U	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	0.505 J	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	73.8	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	< 9.21 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	< 5.75 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	< 9.21 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	< 5.75 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	< 23.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	< 9.21 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	< 5.75 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	< 9.21 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	< 9.21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AF23-SB203 0 - 1 ft AF23-SB203(0-1)-1 10/2/2011 SB36674	AF23-SB203 11.5 - 12 ft F23-SB203(11.5-12) 10/2/2011 SB36674	AF23-SB203 8 - 9 ft AF23-SB203(8-9)-1 10/2/2011 SB36674	AF24-SB217 0 - 0.5 ft AF-24-SB217(0-0.5) 10/9/2011 SB37166	AF24-SB217 0 - 4 ft AF-24-SB217(0-4) 10/9/2011 SB37166	AF24-SB217 0 - 1 ft AF-24-SB217(0-1) 10/9/2011 SB37166	AF24-SB217 4 - 5 ft AF-24-SB217(4-5) 10/9/2011 SB37166	AF24-SB217 5 - 9 ft AF-24-SB217(5-9) 10/9/2011 SB37166	AF24-SB217 5 - 6 ft AF-24-SB217(5-6) 10/9/2011 SB37166	AF24-SB217 8 - 9 ft AF-24-SB217(8-9) 10/9/2011 SB37166	AG10-SB442 1.5 - 2 ft -SB442 (1.5-2)-0709 7/9/2012 SB52446	AG10-SB442 9 - 10 ft -SB442 (9-10)-0709 7/9/2012 SB52446	AG12-SB453 1 - 2 ft 12-SB453 (1-2)7101 7/10/2012 SB52651	AG12-SB453 11 - 12 ft 12-SB453 (11-12)7101 7/10/2012 SB52651
Metals																			
Antimony	mg/kg	NE	NE	NE	27	16.9 J-	NS	< 5.12 UJ	NS	< 5.14 U	NS	NS	< 4.64 U	NS	NS	< 5.59 UJ	< 5.62 UJ	< 5.49 UJ	< 6.90 UJ
Arsenic	mg/kg	NE	NE	NE	10	4.88	NS	< 1.53 U	NS	5.25	NS	NS	3.86	NS	NS	2.92	< 1.68 U	2.87	< 2.07 U
Barium	mg/kg	NE	NE	NE	4700	60.4	NS	105	NS	137	NS	NS	86.0	NS	NS	94.6	< 1.68 U	2.87	203
Beryllium	mg/kg	NE	NE	NE	2	< 0.507 U	NS	0.844	NS	0.685	NS	NS	0.608	NS	NS	< 0.559 U	< 0.562 U	0.669	< 0.690 U
Cadmium	mg/kg	NE	NE	NE	34	< 0.507 U	NS	< 0.512 U	NS	< 0.514 U	NS	NS	< 0.464 U	NS	NS	< 0.559 U	< 0.562 U	< 0.549 UJ	< 0.690 UJ
Chromium	mg/kg	NE	NE	NE	NE	20.6	NS	20.5	NS	20.5	NS	NS	20.5	NS	NS	27.8	24.6	21.4	41.3
Copper	mg/kg	NE	NE	NE	2500	21.9	NS	11.6	NS	13.5	NS	NS	11.9	NS	NS	98.7 J	4.77 J	16.7 J	8.80 J
Lead	mg/kg	NE	NE	NE	400	47.4	NS	6.32	NS	18.4	NS	NS	7.10	NS	NS	45.0 J	2.79 J	35.4 J	5.74 J
Mercury	mg/kg	NE	NE	NE	20	0.0752 J+	NS	< 0.0303 U	NS	< 0.0323 U	NS	NS	< 0.0293 U	NS	NS	0.108	< 0.0370 U	0.219 J	< 0.0427 UJ
Nickel	mg/kg	NE	NE	NE	1400	13.2	NS	13.0	NS	16.6	NS	NS	10.8	NS	NS	18.6 J	14.0 J	11.0	24.9
Selenium	mg/kg	NE	NE	NE	340	< 1.52 U	NS	< 1.53 U	NS	< 2.26 U	NS	NS	< 1.39 U	NS	NS	< 1.68 U	< 1.68 U	< 1.65 UJ	< 2.07 UJ
Silver	mg/kg	NE	NE	NE	340	< 1.52 U	NS	< 1.53 U	NS	< 1.54 U	NS	NS	< 1.39 U	NS	NS	< 1.68 U	< 1.68 U	< 1.65 U	< 2.07 U
Thallium	mg/kg	NE	NE	NE	5.4	< 3.04 U	NS	< 3.07 U	NS	< 3.08 U	NS	NS	< 2.78 U	NS	NS	< 3.35 U	< 3.37 U	< 3.29 U	< 4.14 U
Vanadium	mg/kg	NE	NE	NE	470	23.7	NS	22.6	NS	28.6	NS	NS	18.3	NS	NS	25.6	19.8	25.9	33.5
Zinc	mg/kg	NE	NE	NE	20000	65.6	NS	31.4	NS	49.4	NS	NS	30.2	NS	NS	182 J	37.0 J	49.5 J	72.4 J
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 22.9 U	< 20.6 U	< 21.6 U	< 20.8 U	NS	NS	< 20.3 U	NS	< 20.1 U	< 21.8 U	< 207 U	< 24.5 U	< 23.4 U	< 27.0 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 22.9 U	< 20.6 U	< 21.6 U	< 20.8 U	NS	NS	< 20.3 U	NS	< 20.1 U	< 21.8 U	10900	< 24.5 U	436	593
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 22.9 U	< 20.6 U	< 21.6 U	< 20.8 U	NS	NS	< 20.3 U	NS	< 20.1 U	< 21.8 U	< 207 U	< 24.5 U	< 23.4 U	< 27.0 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 22.9 U	< 20.6 U	< 21.6 U	< 20.8 U	NS	NS	< 20.3 U	NS	< 21.8 U	< 21.8 U	259	< 24.5 U	< 23.4 U	< 27.0 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 22.9 U	< 20.6 U	< 21.6 U	< 20.8 U	NS	NS	< 20.3 U	NS	< 20.1 U	< 21.8 U	< 207 U	< 24.5 U	< 23.4 U	< 27.0 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 22.9 U	< 20.6 U	< 21.6 U	< 20.8 U	NS	NS	< 20.3 U	NS	< 21.8 U	< 21.8 U	11200	< 24.5 U	436	593
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	< 8.75 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	< 5.47 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	< 8.75 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	< 5.47 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	< 21.9 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	< 8.75 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	< 5.47 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	< 8.75 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	< 8.75	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
This is a summary table. Only detected analytes are shown.
<0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
Yellow highlighted cells exceed the 2013 GA PMC
Green highlighted cells exceed the 2013 GB PMC
Blue highlighted cells exceed the 2013 RES DEC
RES DEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
GWPC = Groundwater Protection Criteria
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
NE = Criteria has not been established
NS = Not sampled for this constituent
ug/kg = micrograms per kilogram
ug/l = micrograms per liter
mg/kg = milligrams per kilogram
U = The analyte was not detected above the detection limit
J+ = Result may be biased high
J- = Result may be biased low
J = Result is considered estimated
UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AG12-SB453 4 - 5 ft 7/10/2012 SB52651	AG13-SB455 11.5 - 12 ft 7/10/2012 SB52651	AG13-SB455 4.5 - 5 ft 7/10/2012 SB52651	AG13-SB455 5 - 5.5 ft 7/10/2012 SB52651	AG13-SB455 7 - 8 ft 7/10/2012 SB52651	AG14-SB451 12 - 13 ft 7/10/2012 SB52560	AG14-SB451 3.5 - 4 ft 7/10/2012 SB52560	AG14-SB451 6 - 7 ft 7/10/2012 SB52560	AG15-SB360 11.5 - 12.5 ft 4/11/2012 SB47192	AG15-SB360 3 - 3.5 ft 4/11/2012 SB47192	AG15-SB360 7 - 8 ft 4/11/2012 SB47192	AG16-SB358 12 - 13 ft 4/10/2012 SB47192	AG16-SB358 4 - 4.5 ft 4/10/2012 SB47192	AG16-SB358 6 - 7 ft 4/10/2012 SB47192
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	1600	NS	NS	NS	45.5	NS	NS	< 29.1 U	NS	NS	887	NS	NS	1500
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	1600	NS	NS	NS	45.5	NS	NS	< 29.1 U	NS	NS	887	NS	NS	1500
Unidentified	mg/kg	NE	NE	NE	NE	1600	NS	NS	NS	45.5	NS	NS	< 29.1 U	NS	NS	887	NS	NS	1500
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	< 281 U	NS	< 223 U	NS	NS	NS	< 127 U	NS	NS	NS	NS	NS	NS	< 103 UJ
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	< 281 U	NS	< 223 U	NS	NS	NS	< 127 U	NS	NS	NS	NS	NS	NS	< 103 U
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	< 281 U	NS	< 223 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 103 U
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	450	NS	3130	NS	NS	NS	1770	NS	NS	NS	NS	NS	NS	7450
1,2-Dichlorobenzene	ug/kg	3100	31000	NE	500000	< 281 U	NS	< 223 U	NS	NS	NS	< 127 U	NS	NS	NS	NS	NS	NS	2400
1,2-Dichloroethane	ug/kg	20	200	NE	6700	< 281 U	NS	< 223 U	NS	NS	NS	< 127 U	NS	NS	NS	NS	NS	NS	< 103 U
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	< 281 U	NS	1470	NS	NS	NS	546	NS	NS	NS	NS	NS	NS	561
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	< 281 U	NS	< 223 U	NS	NS	NS	< 127 U	NS	NS	NS	NS	NS	NS	149
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	< 281 U	NS	< 223 U	NS	NS	NS	< 127 U	NS	NS	NS	NS	NS	NS	397
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	< 281 U	NS	< 223 U	NS	NS	NS	< 127 U	NS	NS	NS	NS	NS	NS	< 1030 U
Acetone	ug/kg	14000	140000	NE	500000	< 281 U	NS	< 223 U	NS	NS	NS	< 127 U	NS	NS	NS	NS	NS	NS	< 1030 UJ
Benzene	ug/kg	20	200	NE	21000	< 281 U	NS	< 223 U	NS	NS	NS	< 127 U	NS	NS	NS	NS	NS	NS	< 103 U
Chlorobenzene	ug/kg	2000	20000	NE	500000	< 281 U	NS	< 223 U	NS	NS	NS	< 127 U	NS	NS	NS	NS	NS	NS	1790
Chloroethane	ug/kg	NE	NE	NE	130000	< 281 U	NS	< 223 U	NS	NS	NS	< 127 U	NS	NS	NS	NS	NS	NS	< 206 U
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	< 281 U	NS	1150	NS	NS	NS	2490	NS	NS	NS	NS	NS	NS	1280
Ethyl ether	ug/kg	NE	NE	NE	NE	< 281 U	NS	< 223 U	NS	NS	NS	< 127 U	NS	NS	NS	NS	NS	NS	< 103 U
Ethylbenzene	ug/kg	10100	101000	NE	500000	798	NS	1130	NS	NS	NS	1320 J	NS	NS	NS	NS	NS	NS	1930
Isopropylbenzene	ug/kg	NE	NE	NE	500000	< 281 U	NS	< 223 U	NS	NS	NS	309	NS	NS	NS	NS	NS	NS	521
m,p-Xylenes	ug/kg	NE	19500	NE	NE	1700	NS	NS	NS	NS	NS	2520	NS	NS	NS	NS	NS	NS	2840
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	< 281 U	NS	< 223 U	NS	NS	NS	< 127 U	NS	NS	NS	NS	NS	NS	< 1030 U
Naphthalene	ug/kg	5600	56000	NE	1000000	1920	NS	1020	NS	NS	NS	2350	NS	NS	NS	NS	NS	NS	2350
n-Butylbenzene	ug/kg	NE	NE	NE	500000	643	NS	637	NS	NS	NS	1010	NS	NS	NS	NS	NS	NS	1650
n-Propylbenzene	ug/kg	NE	NE	NE	500000	< 281 U	NS	326	NS	NS	NS	353	NS	NS	NS	NS	NS	NS	499
o-Xylene	ug/kg	NE	19500	NE	NE	320 J	NS	1910 J	NS	NS	NS	687 J	NS	NS	NS	NS	NS	NS	232
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	292	NS	945	NS	NS	NS	549	NS	NS	NS	NS	NS	NS	1400
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	295	NS	659	NS	NS	NS	729	NS	NS	NS	NS	NS	NS	857
Styrene	ug/kg	2000	20000	NE	500000	438	NS	< 223 U	NS	NS	NS	< 127 U	NS	NS	NS	NS	NS	NS	< 103 U
tert-butylbenzene	ug/kg	NE	NE	NE	500000	< 281 U	NS	< 223 U	NS	NS	NS	162	NS	NS	NS	NS	NS	NS	< 103 U
Tetrachloroethylene	ug/kg	100	1000	NE	12000	< 281 U	NS	< 223 U	NS	NS	NS	< 127 U	NS	NS	NS	NS	NS	NS	< 103 U
Toluene	ug/kg	20000	67000	NE	500000	450	NS	3070	NS	NS	NS	583	NS	NS	NS	NS	NS	NS	406
Total Xylenes	ug/kg	19500	195000	NE	NE	2000	NS	6050	NS	NS	NS	3210	NS	NS	NS	NS	NS	NS	3070
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	< 281 U	NS	< 223 U	NS	NS	NS	846 J	NS	NS	NS	NS	NS	NS	316
Trichloroethene	ug/kg	100	1000	NE	56000	< 281 U	NS	824	NS	NS	NS	1620	NS	NS	NS	NS	NS	NS	262
Vinyl chloride	ug/kg	40	400	NE	320	< 281 UJ	NS	239 J	NS	NS	NS	132	NS	NS	NS	NS	NS	NS	< 103 U
VOCS-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	< 801 U	NS	NS	NS	< 355 U	NS	NS	< 184 U	NS	NS	< 409 U	NS	NS	< 879 U
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	< 801 U	NS	NS	NS	< 355 U	NS	NS	< 184 U	NS	NS	< 409 U	NS	NS	< 879 U
Acenaphthene	ug/kg	8400	84000	NE	1000000	< 801 U	NS	NS	NS	< 355 U	NS	NS	< 184 U	NS	NS	< 409 U	NS	NS	< 879 U
Acenaphthylene	ug/kg	8400	84000	NE	1000000	< 801 U	NS	NS	NS	< 355 U	NS	NS	< 184 U	NS	NS	< 409 U	NS	NS	< 879 U
Anthracene	ug/kg	40000	400000	NE	1000000	< 801 U	NS	NS	NS	< 355 U	NS	NS	< 184 U	NS	NS	< 409 U	NS	NS	< 879 U
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	< 801 U	NS	NS	NS	< 355 U	NS	NS	< 184 U	NS	NS	< 409 U	NS	NS	1700
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	< 801 U	NS	NS	NS	< 355 U	NS	NS	< 184 U	NS	NS	< 409 U	NS	NS	1560
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	< 801 U	NS	NS	NS	< 355 U	NS	NS	< 184 U	NS	NS	< 409 U	NS	NS	1450
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	< 801 U	NS	NS	NS	< 355 U	NS	NS	< 184 U	NS	NS	< 409 U	NS	NS	882
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	< 801 U	NS	NS	NS	< 355 U	NS	NS	< 184 U	NS	NS	< 409 U	NS	NS	1540
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	< 801 U	NS	NS	NS	< 355 U	NS	NS	< 184 U	NS	NS	< 409 U	NS	NS	1920
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	< 801 U	NS	NS	NS	< 355 U	NS	NS	< 184 U	NS	NS	< 409 U	NS	NS	< 879 U
Fluoranthene	ug/kg	5600	56000	NE	1000000	974	NS	NS	NS	< 355 U	NS	NS	235 J	NS	NS	< 409 U	NS	NS	2510
Fluorene	ug/kg	5600	56000	NE	1000000	< 801 U	NS	NS	NS	< 355 U	NS	NS	< 184 U	NS	NS	< 409 U	NS	NS	< 879 U
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	< 801 U	NS	NS	NS	< 355 U	NS	NS	< 184 U	NS	NS	< 409 U	NS	NS	884
Naphthalene	ug/kg	5600	56000	NE	1000000	887	NS	NS	NS	< 355 U	NS	NS	< 184 U	NS	NS	< 409 U	NS	NS	< 879 U
Phenanthrene	ug/kg	4000	40000	NE	1000000	< 801 U	NS	NS	NS	< 355 U	NS	NS	< 184 U	NS	NS	< 409 U	NS	NS	1570
Pyrene	ug/kg	4000	40000	NE	1000000	1010	NS	NS	NS	< 355 U									

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AG12-SB453 4 - 5 ft 12-SB453 (4-5)-7101 7/10/2012 SB52651	AG13-SB455 11.5 - 12 ft 3-SB455 (11.5-12)-71 7/10/2012 SB52651	AG13-SB455 4.5 - 5 ft 3-SB455 (4.5-5)-7101 7/10/2012 SB52651	AG13-SB455 5 - 5.5 ft 3-SB455 (5-5.5)-7101 7/10/2012 SB52651	AG13-SB455 7 - 8 ft 13-SB455 (7-8)-7101 7/10/2012 SB52651	AG14-SB451 12 - 13 ft 11-SB451(12-13)-0711 7/10/2012 SB52660	AG14-SB451 3.5 - 4 ft 14-SB451(3.5-4)-0711 7/10/2012 SB52660	AG14-SB451 6 - 7 ft 14-SB451(6-7)-0710 7/10/2012 SB52660	AG15-SB360 11.5 - 12.5 ft 15-SB360 (11.5-12.5)-0411 4/11/2012 SB47192	AG15-SB360 3 - 3.5 ft 15-SB360 (3-3.5)-0411 4/11/2012 SB47192	AG15-SB360 7 - 8 ft 15-SB360 (7-8)-0411 4/10/2012 SB47192	AG16-SB358 12 - 13 ft 16-SB358 (12-13)-0411 4/10/2012 SB47192	AG16-SB358 4 - 4.5 ft 16-SB358 (4-4.5)-0411 4/10/2012 SB47192	AG16-SB358 6 - 7 ft 16-SB358 (6-7)-0410 4/10/2012 SB47192
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 5.60 UJ	< 10.5 UJ	NS	< 6.12 UJ	< 5.31 UJ	< 9.43 UJ	< 7.21 UJ	< 5.16 UJ	< 6.12 UJ	< 5.11 U	6.03	< 7.54 U	< 5.33 U	8.56
Arsenic	mg/kg	NE	NE	NE	10	< 1.68 U	3.76	NS	< 1.84 U	11.0	4.84 J	16.3 J	7.75 J	< 1.83 U	4.68	7.71	2.56	3.83	13.0
Barium	mg/kg	NE	NE	NE	4700	398	149	NS	478	63.4	322	731	62.4	98.8	108	368	237	122	588
Beryllium	mg/kg	NE	NE	NE	2	< 0.560 U	< 1.05 U	NS	< 0.612 U	0.612	1.19	< 0.721 U	0.569	< 0.612 U	0.810	< 0.557 U	1.25	0.782	< 0.603 U
Cadmium	mg/kg	NE	NE	NE	34	1.90 J	< 1.05 UJ	NS	4.38 J	< 0.531 UJ	< 0.943 U	7.87	< 0.516 U	< 0.612 U	< 0.511 U	2.22	< 0.754 U	< 0.533 U	5.94
Chromium	mg/kg	NE	NE	NE	NE	95.6	28.1	NS	172	16.6	35.3	164	77.6	23.9	48.1	164	50.0	47.2	128
Copper	mg/kg	NE	NE	NE	2500	180 J	19.5 J	NS	455 J	17.4 J	28.1	689	14.1	4.97	18.0	420	11.1	21.8	592
Lead	mg/kg	NE	NE	NE	400	522 J	5.70 J	NS	1350 J	51.0 J	8.99 J	1150 J	38.1 J	5.87	29.3	687	10.1	32.9	1330
Mercury	mg/kg	NE	NE	NE	20	1.75 J	< 0.0646 UJ	NS	0.555 J	0.0562 J	0.122	1.28	0.0387	< 0.0405 U	0.0838	0.313	0.0738	0.0757	1.14
Nickel	mg/kg	NE	NE	NE	1400	50.1	24.6	NS	95.7	12.0	25.1	115	12.6	11.7	31.3	71.9	27.6	28.1	130
Selenium	mg/kg	NE	NE	NE	340	< 1.68 UJ	< 3.16 UJ	NS	< 1.84 UJ	< 1.59 UJ	< 2.83 U	< 2.16 U	< 1.55 U	< 1.83 U	< 1.53 U	< 1.67 U	< 2.26 U	< 1.60 U	< 1.81 U
Silver	mg/kg	NE	NE	NE	340	< 1.68 U	< 3.16 U	NS	< 1.84 U	< 1.59 U	< 2.83 U	< 2.16 U	< 1.55 U	< 1.83 U	< 1.53 U	< 1.67 U	< 2.26 U	< 1.60 U	3.17
Thallium	mg/kg	NE	NE	NE	5.4	< 3.36 U	< 6.33 U	NS	< 3.67 U	< 3.18 U	< 5.66 U	< 4.33 U	< 3.10 U	< 3.67 U	< 3.07 U	< 3.34 U	< 4.52 U	< 3.20 U	< 3.62 U
Vanadium	mg/kg	NE	NE	NE	470	64.1	27.6	NS	86.2	22.1	35.2	111	20.7	14.4	31.8	63.2	38.3	36.4	149
Zinc	mg/kg	NE	NE	NE	20000	535 J	90.4 J	NS	3750 J	58.4 J	45.5 J	3010 J	33.0 J	27.3	47.3	969	50.9	55.7	1450
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 22700 U	< 48.7 U	< 24600 U	NS	< 21.0 U	< 39.0 U	< 27700 U	< 21.1 U	< 28.8 U	< 22.4 U	< 4650 U	< 317 U	< 21.4 U	1150000
Aroclor 1248	ug/kg	NE	NE	NE	NE	808000	660	1140000 J	NS	1250	207	1410000	189	484 J	1150	403000	< 317 U	1920	< 25600 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 22700 U	< 48.7 U	< 24600 U	NS	< 21.0 U	< 39.0 U	< 27700 U	< 21.1 U	< 28.8 U	< 22.4 U	< 4650 U	< 317 U	< 21.4 U	< 25600 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 22700 U	< 48.7 U	< 24600 U	NS	21.0	< 39.0 U	< 27700 U	< 21.1 U	< 28.8 U	49.1	< 4650 U	< 31.7 U	33.7	< 25600 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 22700 U	< 48.7 U	< 24600 U	NS	< 21.0 U	< 39.0 U	< 27700 U	< 21.1 U	< 28.8 U	< 22.4 U	< 4650 U	< 31.7 U	< 21.4 U	< 25600 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	808000	660	1140000	NS	1270	207	1410000	189	484	1200	403000	< 317 U	1950	1150000
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AG17-SB255 10 - 11 ft 12/27/2011 SB41712	AG17-SB255 4 - 5 ft 12/27/2011 SB41712	AG17-SB255 5 - 7 ft 12/27/2011 SB41712	AG18-SB302 1 - 2 ft 2/16/2012 SB44035	AG18-SB302 6 - 7 ft 2/16/2012 SB44035	AG18-SB302 8 - 10 ft 2/16/2012 SB44035	AG18-SB302 8 - 10 ft 2/16/2012 SB44035	AG22-SB213 0 - 0.5 ft 10/9/2011 SB37166	AG22-SB213 0 - 4 ft 10/9/2011 SB37166	AG22-SB213 0 - 4 ft 10/9/2011 SB37166	AG22-SB213 10 - 15 ft 10/9/2011 SB37166	AG22-SB213 2 - 2.5 ft 10/9/2011 SB37166	AG22-SB213 5 - 9 ft 10/9/2011 SB37166	AG22-SB213 6 - 7 ft 10/9/2011 SB37166
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	< 5.28 UJ	< 5.67 UJ	NS	< 7.39 UJ	< 5.48 UJ	< 5.51 UJ	NS	< 5.46 U	< 5.24 U	NS	NS	< 5.84 U	NS
Arsenic	mg/kg	NE	NE	NE	10	NS	2.33 J	3.05 J	NS	24.7	2.14	2.31	NS	4.87	4.71	NS	NS	2.94	NS
Barium	mg/kg	NE	NE	NE	4700	NS	130 J	81.4 J	NS	1310 J+	436 J+	712 J+	NS	88.1	91.5	NS	NS	121	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	0.707	< 0.567 U	NS	< 0.739 U	< 0.548 U	< 0.551 U	NS	< 0.546 U	0.533	NS	NS	0.650	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	1.24 J	0.828 J	NS	11.9	< 0.548 U	< 0.551 U	NS	< 0.546 U	< 0.524 U	NS	NS	< 0.584 U	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	65.4 J	22.1 J	NS	143	14.3	14.5	NS	20.1	21.5	NS	NS	21.3	NS
Copper	mg/kg	NE	NE	NE	2500	NS	24.0 J	23.1 J	NS	531	20.6	23.7	NS	21.4	16.7	NS	NS	11.8	NS
Lead	mg/kg	NE	NE	NE	400	NS	9.86 J	24.9 J	NS	3180	21.6	28.9	NS	51.4	37.3	NS	NS	17.0	NS
Mercury	mg/kg	NE	NE	NE	20	NS	< 0.0303 U	0.0724 J+	NS	1.31	< 0.0320 U	0.0388	NS	0.0533	0.0419	NS	NS	0.0525	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	41.8 J	17.6 J	NS	103	11.7	13.4	NS	13.8	20.2	NS	NS	14.2	NS
Selenium	mg/kg	NE	NE	NE	340	NS	< 1.58 U	< 1.70 U	NS	< 2.22 U	< 1.64 U	< 1.65 U	NS	< 1.64 U	< 1.57 U	NS	NS	< 1.75 U	NS
Silver	mg/kg	NE	NE	NE	340	NS	< 1.58 UJ	< 1.70 UJ	NS	< 11.1 U	< 1.64 U	< 1.65 U	NS	< 1.64 U	< 1.57 U	NS	NS	< 1.75 U	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	< 3.17 U	< 3.40 U	NS	< 4.43 U	< 3.29 U	< 3.31 U	NS	< 3.27 U	< 3.14 U	NS	NS	< 3.50 U	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	36.0 J	22.7 J	NS	58.4	19.4	20.8	NS	21.9	20.7	NS	NS	25.1	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	51.1 J	45.9 J	NS	2340	34.8	42.0	NS	63.6	55.3	NS	NS	32.4	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 22.6 U	< 22.4 U	< 24.7 U	NS	< 2820 U	< 20.6 U	< 20.7 U	< 20.4 U	NS	NS	< 27.0 U	< 21.2 U	NS	< 28.0 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	596	11000	929	NS	337000	140 J	< 20.7 UJ	< 20.4 U	NS	NS	< 27.0 U	< 21.2 U	NS	< 28.0 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 22.6 U	< 22.4 U	< 24.7 U	NS	< 2820 U	< 20.6 U	< 20.7 U	< 20.4 U	NS	NS	< 27.0 U	< 21.2 U	NS	< 28.0 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 22.6 U	189	< 24.7 U	NS	< 2820 U	< 20.6 U	< 20.7 U	< 20.4 U	NS	NS	< 27.0 U	< 21.2 U	NS	< 28.0 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 22.6 U	< 22.4 U	< 24.7 U	NS	< 2820 U	< 20.6 U	< 20.7 U	< 20.4 U	NS	NS	< 27.0 U	< 21.2 U	NS	< 28.0 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	596	11189	929	NS	337000	140	< 20.7 U	< 20.4 U	NS	NS	< 27.0 U	< 21.2 U	NS	< 28.0 U
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	12.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	11.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	< 9.08 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	45.9 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	243	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	< 9.08 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	47.1 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	< 9.08 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	24.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AG9-SS92 0 - 0.5 ft AG9-SS92-080411 8/4/2011 SB32875	AG9-SS92 0 - 0.25 ft AG9-SS92 0-3 8/11/2011 SB33302	AH13-SB448 1 - 2 ft 3-SB448(1-2)-0710 7/10/2012 SB52560	AH13-SB448 11.5 - 12 ft SB448(11.5-12)-0710 7/10/2012 SB52560	AH13-SB448 3.5 - 5 ft SB448(3.5-5)-0710 7/10/2012 SB52560	AH13-SB448 3.5 - 5 ft SB448(3.5-5)-0710 7/10/2012 SB52560	AH14-SB447 1 - 2 ft 4-SB447(1-2)-0710 7/10/2012 SB52560	AH14-SB447 11.5 - 12 ft SB447(11.5-12)-0710 7/10/2012 SB52560	AH14-SB447 4.5 - 5.5 ft SB447(4.5-5.5)-0710 7/10/2012 SB52560	AH15-SB357 4.5 - 5 ft 5-SB357(4.5-5)-0410 4/10/2012 SB46973	AH15-SB357 5 - 7 ft 5-SB357(5-7)-0410 4/10/2012 SB46973	AH16-SB258 0 - 1 ft 6-SB258 (0-1)-1227 12/27/2011 SB41712	AH16-SB258 12 - 13 ft 6-SB258 (12-13)-1227 12/27/2011 SB41712	AH16-SB258 4.5 - 5 ft 6-SB258 (4.5-5)-1227 12/27/2011 SB41712
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	NS	NS	2850 J	1210 J	NS	NS	1840	NS	2480	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	NS	NS	2850 J	1210 J	NS	NS	1840	NS	2480	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	2850 J	1210 J	NS	NS	1840	NS	2480	NS	NS	NS
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 UJ	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	512	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	3100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	790	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 4030 U	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 4030 UJ	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 806 U	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1300	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 806 U	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 4030 UJ	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	842	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 U	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 806 U	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	955	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	669	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 403 UJ	NS	NS	NS
VOCs-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	< 954 U	NS	NS	< 2020 U	< 1060 U	NS	NS	< 1020 U	NS	< 2050 U	NS	NS	NS
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	< 954 U	NS	NS	< 2020 U	< 1060 U	NS	NS	< 1020 U	NS	< 2050 U	NS	NS	NS
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	< 954 U	NS	NS	2740	1680	NS	NS	< 1020 U	NS	< 2050 U	NS	NS	NS
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	< 954 U	NS	NS	< 2020 U	< 1060 U	NS	NS	< 1020 U	NS	< 2050 U	NS	NS	NS
Anthracene	ug/kg	40000	400000	NE	1000000	NS	< 954 U	NS	NS	5710 J	1800 J	NS	NS	< 1020 U	NS	< 2050 U	NS	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	< 954 U	NS	NS	13700 J	4620 J	NS	NS	2060	NS	< 2050 U	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	< 954 U	NS	NS	12000 J	4320 J	NS	NS	1920	NS	< 2050 U	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	< 954 U	NS	NS	11700 J	4000 J	NS	NS	1490	NS	< 2050 U	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	< 954 U	NS	NS	6940 J	2580 J	NS	NS	1210	NS	< 2050 U	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	< 954 U	NS	NS	9550 J	3560 J	NS	NS	1820	NS	< 2050 U	NS	NS	NS
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	< 954 U	NS	NS	12400 J	4270 J	NS	NS	1830	NS	< 2050 U	NS	NS	NS
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	< 954 U	NS	NS	< 2020 U	< 1060 U	NS	NS	< 1020 U	NS	< 2050 U	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	< 954 U	NS	NS	25400 J	7610 J	NS	NS	2680	NS	< 2050 U	NS	NS	NS
Fluorene	ug/kg	5600	56000	NE	1000000	NS	< 954 U	NS	NS	3840 J	1720 J	NS	NS	< 1020 U	NS	< 2050 U	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	< 954 U	NS	NS	7730 J	2700 J	NS	NS	1260	NS	< 2050 U	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	< 954 U	NS	NS	2610	2390	NS	NS	2390	NS	< 2050 U	NS	NS	NS
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	< 954 U	NS	NS	22600 J	6740 J	NS	NS	2530	NS	< 2050 U	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	< 954 U	NS	NS	22000 J	7360 J	NS	NS	3510	NS	< 2050 U	NS	NS	NS
SVOCs-SPLP																			
1-Methylnaphthalene	ug/l	NE	NE	50	NE	NS													

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AG9-SS92 0 - 0.5 ft 8/4/2011 SB32875	AG9-SS92 0 - 0.25 ft 8/11/2011 SB33302	AH13-SB448 1 - 2 ft 7/10/2012 SB52560	AH13-SB448 11.5 - 12 ft 7/10/2012 SB52560	AH13-SB448 3.5 - 5 ft 7/10/2012 SB52560	AH13-SB448 3.5 - 5 ft 7/10/2012 SB52560	AH14-SB447 1 - 2 ft 7/10/2012 SB52560	AH14-SB447 11.5 - 12 ft 7/10/2012 SB52560	AH14-SB447 4.5 - 5.5 ft 7/10/2012 SB52560	AH15-SB357 4.5 - 5 ft 4/10/2012 SB46973	AH15-SB357 5 - 7 ft 4/10/2012 SB46973	AH16-SB258 0 - 1 ft 12/27/2011 SB41712	AH16-SB258 12 - 13 ft 12/27/2011 SB41712	AH16-SB258 4.5 - 5 ft 12/27/2011 SB41712
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	< 4.93 UJ	< 10.7 UJ	< 5.18 UJ	< 6.38 UJ	< 5.42 UJ	< 9.08 UJ	< 5.35 UJ	< 5.34 UJ	33.3 J-	NS	< 6.91 UJ	NS
Arsenic	mg/kg	NE	NE	NE	10	NS	NS	< 7.40 U	4.42	15.8	< 12.8 U	< 8.13 U	3.80	< 16.6 U	< 1.60 U	5.17	NS	4.59 J	NS
Barium	mg/kg	NE	NE	NE	4700	NS	NS	284	326	387	445	133	270	435	81.2 J+	705 J+	NS	192 J	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	0.547	< 1.07 U	< 0.518 U	< 0.638 U	0.553	1.02	< 0.535 U	< 0.534 U	< 0.576 U	NS	0.739	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	0.526 J	< 1.07 UJ	4.08 J	4.80 J	< 0.542 UJ	< 0.908 UJ	5.36 J	< 0.534 U	13.8	NS	1.71 J	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	86.3 J	24.4 J	84.9 J	123 J	88.5 J	29.1 J	36.7 J	17.5	153	NS	41.7 J	NS
Copper	mg/kg	NE	NE	NE	2500	NS	NS	29.0	28.2	425	500	27.7	19.4	456	15.0	1910	NS	37.5 J	NS
Lead	mg/kg	NE	NE	NE	400	NS	NS	16.3 J	5.07 J	665 J	1240 J	51.8 J	6.51 J	1210 J	26.9	2850	NS	247 J	NS
Mercury	mg/kg	NE	NE	NE	20	NS	NS	0.0301 J	0.152 J	0.943 J	1.05 J	0.0760 J	0.113 J	0.606 J	0.0470 J+	0.390 J+	NS	0.172 J+	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	36.3 J	17.3 J	68.9 J	65.4 J	15.7 J	22.6 J	213 J	9.38	144	NS	33.8 J	NS
Selenium	mg/kg	NE	NE	NE	340	NS	NS	< 1.48 U	< 3.21 U	< 1.55 U	< 1.91 U	< 1.63 U	< 2.72 U	< 1.60 U	< 1.63 U	< 1.60 U	< 1.60 U	< 1.73 U	NS
Silver	mg/kg	NE	NE	NE	340	NS	NS	< 1.48 U	< 3.21 U	< 1.55 U	< 1.91 U	< 1.63 U	< 2.72 U	< 1.60 U	< 1.60 U	< 1.60 U	< 1.60 U	< 1.73 U	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	< 2.96 U	< 6.43 U	< 3.11 U	< 3.83 U	< 3.25 U	< 5.45 U	< 3.21 U	< 3.21 U	< 6.91 U	NS	< 4.15 U	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	59.1 J	24.6 J	98.5 J	63.5 J	33.5 J	27.0 J	162 J	20.5	257	NS	42.0 J	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	53.4 J	19.8 J	813 J	856 J	72.0 J	40.8 J	2140 J	50.5	1640	NS	149 J	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 23.2 U	< 23.3 U	29000	< 44700 U	464 J	179 J	260	1200000	< 24.1 U	< 2160 U	< 24800 U	NS	46900	31800
Aroclor 1248	ug/kg	NE	NE	NE	NE	979	218	< 196 U	2590000	< 24.1 U	< 23.7 U	< 21.6 U	< 39900 U	279	131000	1710000	NS	< 27.3 U	< 23.6 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 23.2 U	< 23.3 U	< 196 U	< 44700 U	< 24.1 U	< 23.7 U	< 21.6 U	< 39900 U	161	< 2160 U	< 24800 U	NS	< 27.3 U	< 23.6 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	39.5	< 23.3 U	1080	< 44700 U	< 24.1 U	< 23.7 U	< 21.6 U	< 39900 U	< 24.1 U	< 2160 U	< 24800 U	NS	295	333
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 23.2 U	< 23.3 U	< 196 U	< 44700 U	< 24.1 U	< 23.7 U	< 21.6 U	< 39900 U	< 24.1 U	< 2160 U	< 24800 U	NS	< 27.3 U	< 23.6 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	1020	218	30100	2590000	464	179	260	1200000	440	131000	1710000	NS	47195	32133
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 10.3 U	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 6.43 U	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 10.3 U	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 6.43 U	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 25.7 U	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 10.3 UJ	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 6.43 U	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 10.3 U	NS
Total DDX	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 6.43	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AH16-SB258 6 - 7.5 ft 12/27/2011 SB41712	AH17-SB352 1.5 - 2 ft 4/9/2012 SB46973	AH17-SB352 12 - 13 ft 4/9/2012 SB46973	AH17-SB352 7 - 8 ft 4/9/2012 SB46973	AH18-SB301 4 - 5 ft 2/16/2012 SB44035	AH18-SB301 8 - 10 ft 2/16/2012 SB44035	AH19-SB201 0 - 0.5 ft 10/2/2011 SB36674	AH19-SB201 0 - 0.5 ft 10/2/2011 SB36674	AH19-SB201 11 - 11.5 ft 10/2/2011 SB36674	AH19-SB201 14.5 - 15 ft 10/2/2011 SB36674	AH19-SB201 3 - 3.5 ft 10/2/2011 SB36674	AH19-SB201 6 - 6.5 ft 10/2/2011 SB36674	AH20-SB300 1.5 - 2 ft 2/16/2012 SB44035	AH20-SB300 4 - 5 ft 2/16/2012 SB44035
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 6.81 UJ	< 5.63 UJ	< 5.49 UJ	< 5.62 UJ	< 5.57 UJ	< 5.62 UJ	NS	NS	< 5.77 UJ	NS	< 5.45 UJ	< 128 UJ	NS	< 5.33 UJ
Arsenic	mg/kg	NE	NE	NE	10	12.5 J	< 1.69 U	< 1.65 U	< 1.68 U	6.66	4.83	NS	NS	8.06	NS	5.99	29.8	NS	6.66
Barium	mg/kg	NE	NE	NE	4700	430 J	36.0 J+	87.3 J+	68.9 J+	212 J+	179 J+	NS	NS	654	NS	241	1480	NS	193 J+
Beryllium	mg/kg	NE	NE	NE	2	< 0.681 U	< 0.563 U	0.587	< 0.562 U	0.780	0.573	NS	NS	< 0.577 U	NS	0.579	< 0.642 U	NS	0.842
Cadmium	mg/kg	NE	NE	NE	34	7.87 J	< 0.563 U	< 0.549 U	< 0.562 U	1.16	< 0.562 U	NS	NS	0.998	NS	0.643	75.9	NS	0.789
Chromium	mg/kg	NE	NE	NE	NE	94.9 J	10.8	17.2	15.5	41.5	51.8	NS	NS	25.1	NS	80.1	2200	NS	47.8
Copper	mg/kg	NE	NE	NE	2500	256 J	6.81	18.5	15.2	44.7	21.8	NS	NS	83.0	NS	41.3	537	NS	28.6
Lead	mg/kg	NE	NE	NE	400	1110 J	2.63	21.8	17.7	150	24.3	NS	NS	266	NS	67.1	5010	NS	117
Mercury	mg/kg	NE	NE	NE	20	1.05 J+	< 0.0333 U	0.0430 J+	< 0.0316 U	0.0665	< 0.0367 U	NS	NS	0.250 J+	NS	0.114 J+	0.644 J+	NS	0.109
Nickel	mg/kg	NE	NE	NE	1400	68.5 J	6.34	13.0	14.5	19.1	24.0	NS	NS	18.5	NS	37.5	458	NS	20.5
Selenium	mg/kg	NE	NE	NE	340	< 2.04 U	< 1.69 U	< 1.65 U	< 1.68 U	< 1.67 U	< 1.69 U	NS	NS	< 1.73 U	NS	< 1.63 U	2.26	NS	< 1.60 U
Silver	mg/kg	NE	NE	NE	340	3.51 J	< 1.69 U	< 1.65 U	< 1.68 U	< 1.67 U	< 1.69 U	NS	NS	< 1.73 U	NS	< 1.63 U	3.32	NS	< 1.60 U
Thallium	mg/kg	NE	NE	NE	5.4	< 7.49 U	< 3.38 U	< 3.29 U	< 3.37 U	< 3.34 U	< 3.37 U	NS	NS	< 3.46 U	NS	< 3.27 U	< 3.85 U	NS	< 3.20 U
Vanadium	mg/kg	NE	NE	NE	470	138 J	13.3	26.2	19.8	37.5	38.9	NS	NS	25.7	NS	38.9	30.8	NS	39.6
Zinc	mg/kg	NE	NE	NE	20000	928 J	21.0	38.7	35.9	282	50.5	NS	NS	305	NS	98.1	5010	NS	121
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	< 10.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	36.6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	2.18 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	1020000	< 22.8 U	< 22.0 U	< 21.9 U	< 213 U	< 25.7 U	< 10.6 U	< 10.2 U	< 23.8 U	< 70.5 UJ	NS	< 25.7 U	NS	< 215 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 25.8 U	591	1430	314	1090	< 25.7 U	< 10.6 U	< 10.2 U	1240	< 70.5 UJ	NS	3870 J	NS	1840
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 25.8 U	< 22.8 U	< 22.0 U	< 21.9 U	< 213 U	< 25.7 U	< 10.6 U	< 10.2 U	< 23.8 U	< 70.5 UJ	NS	< 25.7 U	NS	< 215 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	5360	< 22.8 U	22.0	< 21.9 U	< 213 U	< 25.7 U	< 10.6 U	< 10.2 U	48.7	< 70.5 UJ	NS	335 J	NS	< 215 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 25.8 U	< 22.8 U	< 22.0 U	< 21.9 U	< 213 U	< 25.7 U	< 10.6 U	< 10.2 U	< 23.8 U	< 70.5 UJ	NS	< 25.7 U	NS	< 215 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	1025360	591	1450	314	1090	< 25.7 U	< 10.6 U	< 10.2 U	1290	< 70.5 U	NS	4210	NS	1840
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 8.51 U	< 8.17 U	NS	NS	NS	NS	NS	< 8.76 U
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 5.32 U	< 5.11 U	NS	NS	NS	NS	NS	< 5.48 U
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	< 8.51 U	< 8.17 U	NS	NS	NS	NS	NS	< 8.76 U
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 5.32 U	< 5.11 U	NS	NS	NS	NS	NS	< 5.48 U
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	< 21.3 U	< 20.4 U	NS	NS	NS	NS	NS	< 21.9 U
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	< 8.51 U	< 8.17 U	NS	NS	NS	NS	NS	< 8.76 U
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 5.32 U	< 5.11 U	NS	NS	NS	NS	NS	< 5.48 U
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	< 8.51 U	< 8.17 U	NS	NS	NS	NS	NS	< 8.76 U
Total DDX	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	< 8.51	< 8.17	NS	NS	NS	NS	NS	< 8.76
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
This is a summary table. Only detected analytes are shown.
<0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
Yellow highlighted cells exceed the 2013 GA PMC
Green highlighted cells exceed the 2013 GB PMC
Blue highlighted cells exceed the 2013 RES DEC
RES DEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
GWPC = Groundwater Protection Criteria
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
NE = Criteria has not been established
NS = Not sampled for this constituent
ug/kg = micrograms per kilogram
ug/l = micrograms per liter
mg/kg = milligrams per kilogram
U = The analyte was not detected above the detection limit
J+ = Result may be biased high
J- = Result may be biased low
J = Result is considered estimated
UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AH20-SB300 6 - 7 ft 2/16/2012 SB44035	AH21-SB206 11 - 12 ft 10/2/2011 SB36674	AH21-SB206 8 - 9 ft 10/2/2011 SB36674	AH21-SB206 8 - 9 ft 10/2/2011 SB36674	AH22-SB212 0 - 0.5 ft 10/9/2011 SB37166	AH22-SB212 14 - 15 ft 10/9/2011 SB37166	AH22-SB212 4 - 5 ft 10/9/2011 SB37166	AH22-SB212 5.5 - 6 ft 10/9/2011 SB37166	AH22-SB212 8 - 10 ft 10/9/2011 SB37166	AH23A-SB493 2 - 3 ft 7/13/2012 SB52798	AH23A-SB493 7 - 8 ft 7/13/2012 SB52798	AH23-SB204 0 - 0.5 ft 10/2/2011 SB36674	AH23-SB204 15.5 - 16 ft 10/2/2011 SB36674	AH23-SB204 2 - 3 ft 10/2/2011 SB36674
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 5.54 UJ	NS	< 4.66 UJ	< 4.87 UJ	NS	NS	NS	NS	NS	< 4.82 UJ	< 5.55 UJ	NS	NS	< 5.17 UJ
Arsenic	mg/kg	NE	NE	NE	10	26.2	NS	1.87	1.96	NS	NS	NS	NS	NS	< 1.45 UJ	< 3.33 UJ	NS	NS	3.01
Barium	mg/kg	NE	NE	NE	4700	1220 J+	NS	52.5	44.3	NS	NS	NS	NS	NS	23.8	199	NS	NS	118
Beryllium	mg/kg	NE	NE	NE	2	< 0.554 U	NS	< 0.486 U	< 0.487 U	NS	NS	NS	NS	NS	0.501	0.959	NS	NS	0.610
Cadmium	mg/kg	NE	NE	NE	34	22.3	NS	< 0.466 U	< 0.487 U	NS	NS	NS	NS	NS	< 0.482 U	< 0.555 U	NS	NS	< 0.517 U
Chromium	mg/kg	NE	NE	NE	NE	341	NS	12.1	12.2	NS	NS	NS	NS	NS	6.75	29.5	NS	NS	24.4
Copper	mg/kg	NE	NE	NE	2500	1780	NS	11.3	11.1	NS	NS	NS	NS	NS	2.00 J	9.90 J	NS	NS	15.3
Lead	mg/kg	NE	NE	NE	400	3880	NS	15.9	18.8	NS	NS	NS	NS	NS	3.70 J	3.44 J	NS	NS	33.8
Mercury	mg/kg	NE	NE	NE	20	0.514	NS	< 0.0300 U	< 0.0309 U	NS	NS	NS	NS	NS	< 0.0318 UJ	< 0.0303 UJ	NS	NS	0.0328 J+
Nickel	mg/kg	NE	NE	NE	1400	129	NS	9.97	9.83	NS	NS	NS	NS	NS	2.25 J	7.99 J	NS	NS	14.3
Selenium	mg/kg	NE	NE	NE	340	< 1.66 U	NS	< 1.40 U	< 1.46 U	NS	NS	NS	NS	NS	< 1.45 UJ	< 1.67 UJ	NS	NS	< 1.55 U
Silver	mg/kg	NE	NE	NE	340	< 8.31 U	NS	< 1.40 U	< 1.46 U	NS	NS	NS	NS	NS	< 1.45 U	< 1.67 U	NS	NS	< 1.55 U
Thallium	mg/kg	NE	NE	NE	5.4	< 3.32 U	NS	< 2.80 U	< 2.92 U	NS	NS	NS	NS	NS	< 2.89 U	< 3.33 U	NS	NS	< 3.10 U
Vanadium	mg/kg	NE	NE	NE	470	51.8	NS	15.6	15.5	NS	NS	NS	NS	NS	9.40	24.3	NS	NS	25.3
Zinc	mg/kg	NE	NE	NE	20000	7280	NS	23.3	23.2	NS	NS	NS	NS	NS	11.7	24.2	NS	NS	54.6
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 212 U	< 35.9 U	< 21.7 U	< 20.7 U	< 20.9 U	< 21.5 U	< 20.9 U	< 27.7 U	NS	< 20.8 U	< 21.2 U	< 21.3 U	< 22.6 U	< 22.3 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	6240	< 35.9 U	< 21.7 U	< 20.7 U	< 20.9 U	< 21.5 U	< 20.9 U	< 27.7 U	NS	< 20.8 U	< 21.2 U	< 21.3 U	< 22.6 U	< 22.3 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 212 U	< 35.9 U	< 21.7 U	< 20.7 U	< 20.9 U	< 21.5 U	< 20.9 U	< 27.7 U	NS	< 20.8 U	< 21.2 U	< 21.3 U	< 22.6 U	< 22.3 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	397	< 35.9 U	< 21.7 U	< 20.7 U	< 20.9 U	< 21.5 U	74.2	452	NS	< 20.8 U	< 21.2 U	< 21.3 U	< 22.6 U	< 22.3 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 212 U	< 35.9 U	< 21.7 U	< 20.7 U	< 20.9 U	< 21.5 U	< 20.9 U	< 27.7 U	NS	< 20.8 U	< 21.2 U	< 21.3 U	< 22.6 U	< 22.3 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	6640	< 35.9 U	< 21.7 U	< 20.7 U	< 20.9 U	< 21.5 U	74.2	452	NS	< 20.8 U	< 21.2 U	< 21.3 U	< 22.6 U	< 22.3 U
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
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Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AH23-SB204 7 - 8 ft 10/2/2011 SB36674	AH9-SS177 0 - 0.25 ft 8/11/2011 SB33302	AI10-SB450 11.5 - 12 ft 7/10/2012 SB52560	AI10-SB450 3 - 3.5 ft 7/10/2012 SB52560	AI10-SB450 4 - 5 ft 7/10/2012 SB52560	AI11-SB449 1 - 1.5 ft 7/10/2012 SB52560	AI11-SB449 13 - 14 ft 7/10/2012 SB52560	AI11-SB449 7 - 9 ft 7/10/2012 SB52560	AI11-SB449 7 - 9 ft 7/10/2012 SB52560	AI14-SB446 1 - 2 ft 7/10/2012 SB52560	AI14-SB446 11.5 - 12 ft 7/10/2012 SB52560	AI14-SB446 3 - 4 ft 7/10/2012 SB52560	AI15-SB355 11.5 - 12.5 ft 4/10/2012 SB46973	AI15-SB355 4.5 - 5 ft 4/10/2012 SB46973
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 5.28 UJ	NS	< 7.80 UJ	< 4.67 UJ	< 5.56 UJ	< 4.90 UJ	< 7.91 UJ	< 6.34 UJ	< 7.27 UJ	< 5.53 UJ	< 5.26 UJ	< 5.95 UJ	< 7.64 UJ	< 5.40 UJ
Arsenic	mg/kg	NE	NE	NE	10	1.90	NS	< 6.24 U	9.24 J	< 8.34 U	< 8.09 U	< 4.75 U	< 3.81 U	< 4.36 U	7.44 J	1.75	< 12.2 U	< 2.29 U	< 1.62 U
Barium	mg/kg	NE	NE	NE	4700	74.7	NS	149	82.5	171	137	129	163	140	183	57.1	395	182 J+	129 J+
Beryllium	mg/kg	NE	NE	NE	2	0.648	NS	< 0.780 U	< 0.467 U	0.773	0.823	< 0.791 U	0.764	0.738	0.604	< 0.526 U	< 0.595 U	< 0.764 U	0.610
Cadmium	mg/kg	NE	NE	NE	34	< 0.528 U	NS	< 0.780 U	< 0.467 U	< 0.556 U	0.771 J	< 0.791 UJ	< 0.634 UJ	< 0.727 UJ	5.43	< 0.526 UJ	5.14	< 0.764 U	< 0.540 U
Chromium	mg/kg	NE	NE	NE	34	13.5	NS	34.9	36.1	35.6	32.2 J	30.0 J	30.3 J	37.5 J	83.9	12.5 J	105	37.9	35.3
Copper	mg/kg	NE	NE	NE	2500	7.74	NS	23.4	28.4	20.6	25.0	17.7	7.65	7.84	99.0	6.11	202	6.52	35.2
Lead	mg/kg	NE	NE	NE	400	5.60	NS	5.43 J	29.5 J	26.5 J	46.1 J	4.40 J	4.47 J	5.97 J	175 J	2.32 J	712 J	5.99	34.3
Mercury	mg/kg	NE	NE	NE	20	< 0.0296 U	NS	< 0.0485 U	< 0.0318 U	0.197	0.137 J	< 0.0499 U	0.0632 J	0.0524 J	0.279	< 0.0346 U	0.539	< 0.0454 U	0.0459 J+
Nickel	mg/kg	NE	NE	NE	1400	7.73	NS	29.9	13.7	19.1	15.7 J	27.0 J	16.5 J	20.2 J	42.9	16.3 J	73.9	20.4	23.7
Selenium	mg/kg	NE	NE	NE	340	< 1.59 U	NS	< 2.34 U	< 1.40 U	< 1.67 U	< 1.47 U	< 2.37 U	< 1.90 U	< 2.18 U	< 1.66 U	< 1.58 U	< 1.78 U	< 2.29 U	< 1.62 U
Silver	mg/kg	NE	NE	NE	340	< 1.59 U	NS	< 2.34 U	< 1.40 U	< 1.67 U	< 1.47 U	< 2.37 U	< 1.90 U	< 2.18 U	< 1.66 U	< 1.58 U	< 1.78 U	< 2.29 U	< 1.62 U
Thallium	mg/kg	NE	NE	NE	5.4	< 3.17 U	NS	< 4.68 U	< 2.80 U	< 3.34 U	< 2.94 U	< 4.75 U	< 3.81 U	< 4.36 U	< 3.32 U	< 3.16 U	< 3.57 U	< 4.59 U	< 3.24 U
Vanadium	mg/kg	NE	NE	NE	470	15.4	NS	34.1	25.9	35.2	32.1 J	30.9 J	25.5 J	33.3 J	64.8	14.8 J	96.8	31.0	36.8
Zinc	mg/kg	NE	NE	NE	20000	22.4	NS	66.0 J	46.2 J	59.3 J	60.4 J	55.2 J	30.8 J	40.8 J	254 J	20.1 J	846 J	52.1	83.6
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 21.7 U	< 24.2 U	< 35.1 U	< 21.8 U	< 22.8 U	< 22.2 U	< 33.3 U	< 26.4 U	< 29.3 U	< 21400 U	< 22700 U	< 24000 U	< 30.5 U	< 22000 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 21.7 U	2040	< 35.1 U	2010	< 22.8 U	2340	< 33.3 U	< 26.4 U	< 29.3 U	673000	685000	2000000	212	638000
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 21.7 U	< 24.2 U	< 35.1 U	2280	< 22.8 U	1230	< 33.3 U	< 26.4 U	< 29.3 U	< 21400 U	< 22700 U	< 24000 U	< 30.5 U	< 22000 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 21.7 U	< 24.2 U	< 35.1 U	89.5	< 22.8 U	55.6	< 33.3 U	< 26.4 U	< 29.3 U	< 21400 U	< 22700 U	< 24000 U	< 30.5 U	< 22000 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 21.7 U	< 24.2 U	< 35.1 U	< 21.8 U	< 22.8 U	< 22.2 U	< 33.3 U	< 26.4 U	< 29.3 U	< 21400 U	< 22700 U	< 24000 U	< 30.5 U	< 22000 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 21.7 U	2040	< 35.1 U	4380	< 22.8 U	3630	< 33.3 U	< 26.4 U	< 29.3 U	673000	685000	2000000	212	638000
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	< 10.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	17.8 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	< 10.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	52.5 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	482	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	< 10.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	47.4 J-	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	< 10.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	17.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AI15-SB355 5 - 5.5 ft 4/10/2012 SB46973	AI16-SB356 12 - 12.7 ft 4/10/2012 SB46973	AI16-SB356 4 - 4.5 ft 4/10/2012 SB46973	AI16-SB356 5 - 6 ft 4/10/2012 SB46973	AI17-SB351 12 - 13 ft 4/9/2012 SB46864	AI17-SB351 3.5 - 4 ft 4/9/2012 SB46864	AI17-SB351 8 - 10 ft 4/9/2012 SB46864	AI17-SB351 8 - 10 ft 4/9/2012 SB46864	AI18-SB303 4 - 5 ft 2/16/2012 SB44035	AI18-SB303 6 - 7 ft 2/16/2012 SB44035	AI19-SB200 0 - 0.5 ft 10/2/2011 SB36674	AI19-SB200 1 - 2 ft 10/2/2011 SB36674	AI19-SB200 15 - 15.5 ft 10/2/2011 SB36674	AI19-SB200 18 - 18.5 ft 10/2/2011 SB36674
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	10800 J+	NS	NS	2320	NS	NS	< 15.7 U	26.9	NS	285	NS	< 29.2 U	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	10800 J+	NS	NS	2320	NS	NS	< 15.7 U	26.9	NS	285	NS	< 29.2 U	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	10800 J+	NS	NS	2320	NS	NS	< 15.7 U	26.9	NS	285	NS	< 29.2 U	NS	NS
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	< 188 UJ	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	< 188 U	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	244	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	4140	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	3100	NE	500000	458	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	< 188 U	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	738	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	< 188 U	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	218	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	< 1880 U	NS	NS	NS	NS	NS	< 665 U	< 890 UJ	NS	< 57.9 U	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	< 1880 UJ	NS	NS	NS	NS	NS	< 665 UJ	< 890 UJ	NS	< 57.9 U	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	< 188 U	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	< 188 U	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	< 376 U	NS	NS	NS	NS	NS	< 133 U	< 178 U	NS	< 11.6 U	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	16000	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	< 188 U	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	1700	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	237	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	2430	NS	NS	NS	NS	NS	< 133 U	< 178 U	NS	< 11.6 U	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	< 1880 UJ	NS	NS	NS	NS	NS	< 665 U	< 890 U	NS	< 57.9 U	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	907	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 UJ	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	610	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	417	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	1050	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	982	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	528	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	< 188 U	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	< 188 U	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	< 188 U	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	569	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	3480	NS	NS	NS	NS	NS	< 133 U	< 178 U	NS	< 11.6 U	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	2300	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	3560	NS	NS	NS	NS	NS	< 66.5 U	< 89.0 U	NS	< 5.8 U	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	1620 J-	NS	NS	NS	NS	NS	< 66.5 UJ	< 89.0 UJ	NS	< 5.8 U	NS	NS	NS	NS
VOCS-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	< 2010 U	NS	NS	< 1770 U	NS	NS	< 390 U	< 369 U	NS	< 384 U	NS	NS	NS	NS
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	2450	NS	NS	< 1770 U	NS	NS	< 390 U	< 369 U	NS	< 384 U	NS	NS	NS	NS
Acenaphthene	ug/kg	8400	84000	NE	1000000	< 2010 U	NS	NS	< 1770 U	NS	NS	< 390 U	< 369 U	NS	< 384 U	NS	NS	NS	NS
Acenaphthylene	ug/kg	8400	84000	NE	1000000	< 2010 U	NS	NS	< 1770 U	NS	NS	< 390 U	< 369 U	NS	< 384 U	NS	NS	NS	NS
Anthracene	ug/kg	40000	400000	NE	1000000	< 2010 U	NS	NS	< 1770 U	NS	NS	< 390 U	< 369 U	NS	< 384 UJ	NS	NS	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	< 2010 U	NS	NS	< 1770 U	NS	NS	< 390 U	< 369 U	NS	< 384 U	NS	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	< 2010 U	NS	NS	< 1770 U	NS	NS	< 390 U	< 369 U	NS	< 384 U	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	< 2010 U	NS	NS	< 1770 U	NS	NS	< 390 U	< 369 U	NS	< 384 U	NS	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	< 2010 U	NS	NS	< 1770 U	NS	NS	< 390 U	< 369 U	NS	< 384 U	NS	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	< 2010 U	NS	NS	< 1770 U	NS	NS	< 390 U	< 369 U	NS	< 384 U	NS	NS	NS	NS
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	< 2010 U	NS	NS	< 1770 U	NS	NS	< 390 U	< 369 U	NS	< 384 U	NS	NS	NS	NS
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	< 2010 U	NS	NS	< 1770 U	NS	NS	< 390 U	< 369 U	NS	< 384 U	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	< 2010 U	NS	NS	2620	NS	NS	< 390 U	< 369 U	NS	< 384 U	NS	NS	NS	NS
Fluorene	ug/kg	5600	56000	NE	1000000	< 2010 U	NS	NS	< 1770 U	NS	NS	< 390 U	< 369 U	NS	< 384 U	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	< 2010 U	NS	NS	< 1770 U	NS	NS	< 390 U	< 369 U	NS	< 384 U	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	2140	NS	NS	NS	NS	NS	< 390 U	< 369 U	NS	< 384 UJ				

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AI15-SB355 5 - 5.5 ft 4/10/2012 SB46973	AI16-SB356 12 - 12.7 ft 4/10/2012 SB46973	AI16-SB356 4 - 4.5 ft 4/10/2012 SB46973	AI16-SB356 5 - 6 ft 4/10/2012 SB46973	AI17-SB351 12 - 13 ft 4/9/2012 SB46864	AI17-SB351 3.5 - 4 ft 4/9/2012 SB46864	AI17-SB351 8 - 10 ft 4/9/2012 SB46864	AI17-SB351 8 - 10 ft 4/9/2012 SB46864	AI18-SB303 4 - 5 ft 2/16/2012 SB44035	AI18-SB303 6 - 7 ft 2/16/2012 SB44035	AI19-SB200 0 - 0.5 ft 10/2/2011 SB36674	AI19-SB200 1 - 2 ft 10/2/2011 SB36674	AI19-SB200 15 - 15.5 ft 10/2/2011 SB36674	AI19-SB200 18 - 18.5 ft 10/2/2011 SB36674
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 9.89 UJ	< 7.83 UJ	15.4 J-	< 6.34 UJ	< 5.59 U	< 5.26 U	< 5.72 U	< 5.58 U	< 4.87 UJ	< 5.59 UJ	NS	< 4.79 UJ	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	< 1.75 U	< 2.35 U	2.89	< 7.93 U	2.47	1.69	8.10	7.47	2.13	3.21	NS	2.20	NS	NS
Barium	mg/kg	NE	NE	NE	4700	635 J+	316 J+	357 J+	198 J+	118	92.2	130	154	157 J+	155 J+	NS	82.7	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	< 0.582 U	1.06	< 0.554 U	< 0.529 U	0.617	< 0.526 U	0.851	0.875	0.867	< 0.559 U	NS	0.681	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	3.69	< 0.783 U	2.83	5.57	< 0.559 U	< 0.526 U	< 0.572 U	< 0.558 U	< 0.487 U	1.43	NS	< 0.479 U	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	82.8	56.1	84.0	146	31.7	26.6	31.7	24.4	30.0	49.0	NS	20.4	NS	NS
Copper	mg/kg	NE	NE	NE	2500	637	4.00	229	136	19.9	31.8	28.1	26.5	14.6	52.1	NS	13.4	NS	NS
Lead	mg/kg	NE	NE	NE	400	1150	11.3	1220	410	21.1 J	16.1 J	175 J	57.6 J	7.43	42.6	NS	21.4	NS	NS
Mercury	mg/kg	NE	NE	NE	20	0.511 J+	0.0675 J+	0.777 J+	0.230 J+	0.0400	< 0.0333 U	0.114	0.0578	< 0.0312 U	0.193	NS	< 0.0326 U	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	81.5	28.8	59.2	98.2	16.8	19.5	16.7	18.3	15.9	16.8	NS	12.7	NS	NS
Selenium	mg/kg	NE	NE	NE	340	< 1.75 U	< 2.35 U	< 1.66 U	< 1.59 U	< 1.68 U	< 1.58 U	< 1.72 U	< 1.67 U	< 1.46 U	< 1.58 U	NS	< 1.44 U	NS	NS
Silver	mg/kg	NE	NE	NE	340	< 1.75 U	< 2.35 U	< 1.66 U	< 1.59 U	< 1.68 U	< 1.58 U	< 1.72 U	< 1.67 U	< 1.46 U	< 1.68 U	NS	< 1.44 U	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	< 7.56 U	< 4.70 U	< 3.32 U	< 7.40 U	< 3.36 U	< 3.15 U	< 3.43 U	< 3.35 U	< 2.92 U	< 3.35 U	NS	< 2.87 U	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	148	36.1	167	105	22.6	26.7	28.0	31.5	30.7	28.8	NS	23.2	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	1460	69.2	715	1770	40.0	35.7	58.9	60.3	38.0	82.3	NS	34.1	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 237000 U	< 31.4 U	< 23700 U	< 21500 U	< 213 U	< 23.1 U	< 230 U	< 222 U	< 21.9 U	< 23.0 U	< 21.5 U	NS	< 21.5 U	< 76.2 UJ
Aroclor 1248	ug/kg	NE	NE	NE	NE	9500000	441	1250000	1120000	< 213 U	244	< 230 U	< 222 U	< 21.9 U	< 23.0 U	< 21.5 U	NS	< 21.5 U	< 76.2 UJ
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 237000 U	< 31.4 U	< 23700 U	< 21500 U	< 213 U	< 23.1 U	< 230 U	< 222 U	< 21.9 U	568	< 21.5 U	NS	< 21.5 U	< 76.2 UJ
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 237000 U	< 31.4 U	29600	< 21500 U	22.4	25.4	26.5	< 22.2 U	< 21.9 U	146	< 21.5 U	NS	< 21.5 U	< 76.2 UJ
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 237000 U	< 31.4 U	< 23700 U	< 21500 U	< 21.3 U	< 23.1 U	< 23.0 U	< 22.2 U	< 21.9 U	< 23.0 U	< 21.5 U	NS	< 21.5 U	< 76.2 UJ
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	9500000	441	1280000	1120000	22.4	269	26.5	< 222 U	< 21.9 U	714	< 21.5 U	NS	< 21.5 U	< 76.2 UJ
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AI19-SB200 8 - 9 ft AI19-SB200(8-9)-1 10/2/2011 SB36674	AI20-SB299 2 - 2.5 ft AI20-SB299(2-2.5)-0216 2/16/2012 SB44035	AI20-SB299 3 - 4 ft AI20-SB299(3-4)-0216 2/16/2012 SB44035	AI21-SB211 0 - 0.5 ft AI21-SB211(0-0.5) 10/9/2011 SB37166	AI21-SB211 14 - 15 ft AI21-SB211(14-15) 10/9/2011 SB37166	AI21-SB211 4 - 5.5 ft AI21-SB211(4.5-5) 10/9/2011 SB37166	AI21-SB211 6 - 8 ft AI21-SB211(6-8) 10/9/2011 SB37166	AI21-SB211 6 - 8 ft AI21-SB211(6-8) DU 10/9/2011 SB37166	AI22-SB205 0 - 1 ft AI22-SB205(0-1)-1 10/2/2011 SB36674	AI22-SB205 15 - 16 ft AI22-SB205(15-16)-1 10/2/2011 SB36674	AI22-SB205 2 - 3 ft AI22-SB205(2-3)-1 10/2/2011 SB36674	AI22-SB205 6 - 7 ft AI22-SB205(6-7)-1 10/2/2011 SB36674	AI22-SB205 9 - 10 ft AI22-SB205(9-10)-1 10/2/2011 SB36674	AI9-SS95 0 - 0.5 ft AI9-SS95-080411 8/4/2011 SB32875
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	< 29.8 U	571	NS	NS	930	757	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	< 29.8 U	571	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	< 29.8 U	571	NS	NS	930	757	NS	NS	NS	NS	NS	NS	NS	NS
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	31000	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	< 51.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	110	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	< 10.2 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	< 10.2 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	< 51.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	< 5.1 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	< 10.2 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	< 5.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	< 690 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	< 690 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	< 690 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	< 690 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
Anthracene	ug/kg	40000	400000	NE	1000000	NS	< 690 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	< 690 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	< 690 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	< 690 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	< 690 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	< 690 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	< 690 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	< 690 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	< 690 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
Fluorene	ug/kg	5600	56000	NE	1000000	NS	< 690 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	< 690 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	< 690 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	< 690 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
Pyrene	ug/kg	4000	40000	NE	1000000	NS	< 690 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 184 U	NS	< 178 U
SVOCs-SPLP																			
1-Methylnaphthalene	ug/l	NE	NE	50	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/l	NE	NE	280	NE	NS	NS												

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AI19-SB200 8 - 9 ft AI19-SB200(8-9)-1 10/2/2011 SB36674	AI20-SB299 2 - 2.5 ft SB299(2-2.5)-0216 2/16/2012 SB44035	AI20-SB299 3 - 4 ft SB299(3-4)-0216 2/16/2012 SB44035	AI21-SB211 0 - 0.5 ft AI-21-SB211(0-0.5) 10/9/2011 SB37166	AI21-SB211 14 - 15 ft AI-21-SB211(14-15) 10/9/2011 SB37166	AI21-SB211 4 - 5.5 ft AI-21-SB211(4.5-5) 10/9/2011 SB37166	AI21-SB211 6 - 8 ft AI-21-SB211(6-8) 10/9/2011 SB37166	AI21-SB211 6 - 8 ft I-21-SB211(6-8) DU 10/9/2011 SB37166	AI22-SB205 0 - 1 ft AI22-SB205(0-1)-1 10/2/2011 SB36674	AI22-SB205 15 - 16 ft AI22-SB205(15-16)-1 10/2/2011 SB36674	AI22-SB205 2 - 3 ft AI22-SB205(2-3)-1 10/2/2011 SB36674	AI22-SB205 6 - 7 ft AI22-SB205(6-7)-1 10/2/2011 SB36674	AI22-SB205 9 - 10 ft AI22-SB205(9-10)-1 10/2/2011 SB36674	AI9-SS95 0 - 0.5 ft AI9-SS95-080411 8/4/2011 SB32875
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 5.24 UJ	< 5.13 UJ	< 4.97 UJ	NS	NS	NS	NS	NS	NS	NS	< 4.86 UJ	< 7.01 UJ	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	4.40	4.39	3.98	NS	NS	NS	NS	NS	NS	NS	4.25	2.44	NS	NS
Barium	mg/kg	NE	NE	NE	4700	244	194 J+	225 J+	NS	NS	NS	NS	NS	NS	NS	96.7	166	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	0.666	1.12	0.880	NS	NS	NS	NS	NS	NS	NS	0.656	1.26	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	< 0.524 U	< 0.513 U	0.557	NS	NS	NS	NS	NS	NS	NS	< 0.486 U	< 0.701 U	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	37.3	30.8	55.1	NS	NS	NS	NS	NS	NS	NS	25.8	19.2	NS	NS
Copper	mg/kg	NE	NE	NE	2500	13.9	20.3	18.9	NS	NS	NS	NS	NS	NS	NS	15.8	8.42	NS	NS
Lead	mg/kg	NE	NE	NE	400	33.5	23.5	35.3	NS	NS	NS	NS	NS	NS	NS	27.9	56.7	NS	NS
Mercury	mg/kg	NE	NE	NE	20	< 0.0299 U	< 0.0313 U	0.0573	NS	NS	NS	NS	NS	NS	NS	0.0393 J+	0.0586 J+	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	15.0	13.2	20.6	NS	NS	NS	NS	NS	NS	NS	14.3	11.3	NS	NS
Selenium	mg/kg	NE	NE	NE	340	< 1.57 U	< 1.54 U	< 1.49 U	NS	NS	NS	NS	NS	NS	NS	< 1.46 U	< 2.10 U	NS	NS
Silver	mg/kg	NE	NE	NE	340	< 1.57 U	< 1.54 U	1.57	NS	NS	NS	NS	NS	NS	NS	< 1.46 U	< 2.10 U	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	< 3.15 U	< 3.08 U	< 2.98 U	NS	NS	NS	NS	NS	NS	NS	< 2.91 U	< 4.21 U	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	30.7	34.0	45.4	NS	NS	NS	NS	NS	NS	NS	27.2	17.8	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	57.6	61.0	59.4	NS	NS	NS	NS	NS	NS	NS	40.4	12.6	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 22.5 U	< 210 U	< 21.3 U	< 21.8 U	< 62.6 U	< 26.2 U	< 21.4 U	< 21.0 U	< 10.6 U	< 21.3 U	NS	< 31.2 U	< 21.6 U	< 22.9 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 22.5 U	< 210 U	210	< 21.8 U	< 62.6 U	5160	< 21.4 U	< 21.0 U	< 10.6 U	< 21.3 U	NS	< 31.2 U	< 21.6 U	654
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 22.5 U	< 210 U	< 21.3 U	< 21.8 U	< 62.6 U	< 26.2 U	< 21.4 U	< 21.0 U	< 10.6 U	< 21.3 U	NS	< 31.2 U	< 21.6 U	< 22.9 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 22.5 U	< 210 U	< 21.3 U	< 21.8 U	< 62.6 U	464	< 21.4 U	< 21.0 U	< 10.6 U	< 21.3 U	NS	< 31.2 U	< 21.6 U	< 22.9 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 22.5 U	< 210 U	< 21.3 U	< 21.8 U	< 62.6 U	< 26.2 U	< 21.4 U	< 21.0 U	< 10.6 U	< 21.3 U	NS	< 31.2 U	< 21.6 U	< 22.9 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 22.5 U	< 210 U	210	< 21.8 U	< 62.6 U	5620	< 21.4 U	< 21.0 U	< 10.6 U	< 21.3 U	NS	< 31.2 U	< 21.6 U	654
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 8.46 U	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 5.29 U	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 8.46 U	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 5.29 U	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 21.2 U	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 8.46 U	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 5.29 U	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 8.46 U	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 8.46	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
Yellow highlighted cells exceed the 2013 GA PMC
Green highlighted cells exceed the 2013 GB PMC
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 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	A19-SS95 0 - 0.25 ft 8/11/2011 SB33302	AJ13-SB432 11.5 - 12.5 ft 7/5/2012 SB52304	AJ13-SB432 2 - 3 ft 7/5/2012 SB52304	AJ13-SB432 5 - 6 ft 7/5/2012 SB52304	AJ14-SB433 1 - 1.3 ft 7/5/2012 SB52304	AJ15-SB257 0 - 1 ft 12/27/2011 SB41712	AJ15-SB257 3 - 5 ft 12/27/2011 SB41712	AJ15-SB257 3 - 5 ft 12/27/2011 SB41712	AJ15-SB257 5 - 6 ft 12/27/2011 SB41712	AJ16-SB103 1 - 2 ft 8/10/2011 SB33308	AJ16-SB103 11 - 12 ft 8/10/2011 SB33308	AJ16-SB103 2 - 3 ft 8/10/2011 SB33308	AJ16-SB103 3 - 4 ft 8/10/2011 SB33308	AJ16-SB103 5 - 6 ft 8/10/2011 SB33308
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	NS	284	NS	NS	1400	1480	NS	626	NS	6640 J	273	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	NS	284	NS	NS	1400	1480	NS	626	NS	6640 J	273	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	284	NS	NS	1400	1480	NS	626	NS	6640 J	273	NS
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	< 0.1 U	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 0.1 U	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 0.1 U	NS	NS	NS	NS	NS	NS
VOCs																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	< 71.0 U	< 113 U	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	< 71.0 U	< 113 U	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	< 71.0 U	< 113 U	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	851	794	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	3100	NE	500000	NS	NS	NS	NS	NS	NS	219	274	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	< 71.0 U	< 113 U	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	218	177	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	< 71.0 U	< 113 U	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	< 71.0 U	< 113 U	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	< 710 U	< 1130 U	NS	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	< 710 U	< 1130 U	NS	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	< 71.0 U	< 113 U	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	154	228	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	< 142 U	< 226 U	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	220	153	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 71.0 U	< 113 U	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	398	530	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	201	203	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	758	1040	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	< 710 U	< 1130 U	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	2330	10800	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	588	645	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	229	292	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	121	155	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	470	385	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	467	422	NS	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	< 71.0 U	< 113 U	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	84.5	< 113 U	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	78.9	< 113 U	NS	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	273	342	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	879	1200	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	386	348	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	296	258	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	< 71.0 UJ	< 113 UJ	NS	NS	NS	NS	NS	NS
VOCs-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	NS	NS	< 1950 U	NS	NS	< 1850 U	< 2160 U	NS	NS	NS	NS	6080	< 930 U
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	NS	NS	< 1950 U	NS	NS	< 1850 U	< 2160 U	NS	NS	NS	NS	8050	< 930 U
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	< 1950 U	NS	NS	< 1850 U	< 2160 U	NS	NS	NS	NS	10700	< 930 U
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	< 1950 U	NS	NS	< 1850 UJ	< 2160 UJ	NS	NS	NS	NS	< 3980 U	< 930 U
Anthracene	ug/kg	40000	400000	NE	1000000	NS	NS	NS	< 1950 U	NS	NS	< 1850 U	< 2160 U	NS	NS	NS	NS	5810	< 930 U
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 1950 U	NS	NS	< 1850 U	< 2170	NS	NS	NS	NS	16400	< 930 U
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 1950 U	NS	NS	< 1850 U	< 2160 U	NS	NS	NS	NS	15200	< 930 UJ
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 1950 U	NS	NS	< 1850 U	< 2160 U	NS	NS	NS	NS	14900	< 930 UJ
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	NS	< 1950 U	NS	NS	< 1850 U	< 2160 U	NS	NS	NS	NS	5340	< 930 UJ
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	NS	< 1950 U	NS	NS	< 1850 UJ	< 2160 UJ	NS	NS	NS	NS	14700	< 930 UJ
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	< 1850 U	< 2160 U	NS	NS	NS	NS	NS	< 930 U
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	NS	< 1950 U	NS	NS	< 1850 U	< 2160 U	NS	NS	NS	NS	16200	< 930 U
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 1950 U	NS	NS	< 1850 U	< 2160 U	NS	NS	NS	NS	< 3980 U	< 930 UJ
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	< 1950 U	NS	NS	2820 J	5040 J	NS	NS	NS	NS	26500	950
Fluorene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	< 1950 U	NS	NS	< 1850 UJ	< 2160 UJ	NS	NS	NS	NS	8680	< 930 U
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 1950 U	NS	NS	< 1850 U	< 2160 U	NS	NS	NS	NS	5790	< 930 UJ
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	< 1950 U	NS	NS	4700	5860	NS	NS	NS	NS	17400	< 930 U
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	< 1950 U	NS	NS	2970 J	5480 J	NS	NS	NS	NS	25500	< 930 U
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	< 1950 U	NS	NS	2930	4570	NS	NS	NS	NS	30600	1090
SVOCs-SPLP																			
1-Methylnaphthalene	ug/l	NE	NE	50	NE	NS	NS	NS	NS	NS	NS	NS	2.10 J	NS	NS	NS	NS	NS</	

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	A19-SS95 0 - 0.25 ft 8/11/2011 SB33302	AJ13-SB432 11.5 - 12.5 ft 7/5/2012 SB52304	AJ13-SB432 2 - 3 ft 7/5/2012 SB52304	AJ13-SB432 5 - 6 ft 7/5/2012 SB52304	AJ14-SB433 1 - 1.3 ft 7/5/2012 SB52304	AJ15-SB257 0 - 1 ft 12/27/2011 SB41712	AJ15-SB257 3 - 5 ft 12/27/2011 SB41712	AJ15-SB257 3 - 5 ft 12/27/2011 SB41712	AJ15-SB257 5 - 6 ft 12/27/2011 SB41712	AJ16-SB103 1 - 2 ft 8/10/2011 SB33308	AJ16-SB103 11 - 12 ft 8/10/2011 SB33308	AJ16-SB103 2 - 3 ft 8/10/2011 SB33308	AJ16-SB103 3 - 4 ft 8/10/2011 SB33308	AJ16-SB103 5 - 6 ft 8/10/2011 SB33308
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	< 5.75 UJ	< 5.22 UJ	< 5.26 UJ	< 5.37 UJ	NS	< 5.39 UJ	< 5.77 UJ	< 5.37 UJ	NS	NS	< 5.89 U	< 5.01 U	NS
Arsenic	mg/kg	NE	NE	NE	10	6.44	< 1.72 U	7.18	5.03	3.62	NS	11.8 J	40.1 J	12.3 J	NS	NS	12.2	12.9	NS
Barium	mg/kg	NE	NE	NE	4700	NS	29.4	112	187	191	NS	145 J	351 J	123 J	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	< 0.575 U	1.32	0.540	< 0.537 U	NS	< 0.539 U	< 0.577 U	< 0.537 U	NS	NS	< 0.589 U	0.571	NS
Cadmium	mg/kg	NE	NE	NE	34	0.806	< 0.575 U	0.767	0.860	< 0.537 U	NS	3.80 J	8.21 J	1.63 J	NS	NS	7.29	2.82	NS
Chromium	mg/kg	NE	NE	NE	27.8	7.43 J	27.8	7.43 J	38.6 J	46.4 J	NS	56.0 J	174 J	29.0 J	NS	NS	283	46.0	NS
Copper	mg/kg	NE	NE	NE	2500	NS	6.17 J	25.1 J	69.6 J	21.0 J	NS	271 J	296 J	46.7 J	NS	NS	279	143	NS
Lead	mg/kg	NE	NE	NE	400	67.0	1.82	34.1	141	19.0	NS	264 J	849 J	302 J	NS	NS	749	275	NS
Mercury	mg/kg	NE	NE	NE	20	0.177	< 0.0317 UJ	0.0530 J	0.179 J	0.0920 J	NS	0.436 J+	0.486 J+	0.199 J+	NS	NS	0.774	0.312	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	11.4 J	25.3 J	24.7 J	23.7 J	NS	56.1 J	95.0 J	21.3 J	NS	NS	138	49.4	NS
Selenium	mg/kg	NE	NE	NE	340	NS	< 1.72 U	< 1.56 U	< 1.58 U	< 1.61 U	NS	< 1.62 U	< 1.73 U	< 1.61 U	NS	NS	< 2.06 U	< 1.75 U	NS
Silver	mg/kg	NE	NE	NE	340	NS	< 1.72 U	< 1.56 U	74.4	< 1.61 U	NS	< 1.62 UJ	2.16 J	< 1.61 UJ	NS	NS	2.42	2.85	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	< 3.45 U	< 3.13 U	< 3.16 U	< 3.22 U	NS	< 3.82 U	< 8.65 U	< 3.22 U	NS	NS	< 6.48 U	< 5.51 U	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	8.30 J	75.5 J	45.1 J	49.5 J	NS	160 J	216 J	26.7 J	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	10.9 J	58.8 J	165 J	55.2 J	NS	7000 J	1090 J	238 J	NS	NS	1490	599	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 4.0 U	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 2.5 U	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	6.6	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	996	NS	NS	NS	16.4	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	9.4	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 46.0 U	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	1.07 J	3.19 J	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 23.8 U	< 23.0 U	< 23.1 U	< 23.2 U	< 21.8 U	NS	673000	683000	89000	< 22.0 U	< 35.1 U	< 23.3 U	< 22.6 U	< 23.5 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	6930	119	19500	387000	895	NS	< 22.5 U	< 25.8 U	< 23.9 U	182000	< 35.1 U	1730000	62600	90800
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 23.8 U	< 23.0 U	< 23.1 U	< 23.2 U	< 21.8 U	NS	< 22.5 U	< 25.8 U	< 23.9 U	< 22.0 U	< 35.1 U	< 23.3 U	< 22.6 U	< 23.5 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	181	< 23.0 U	< 23.1 U	< 23.2 U	< 21.8 U	NS	5190 J	8240	869	2770	< 35.1 U	< 46600 U	592	1110
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 23.8 U	< 23.0 U	< 23.1 U	< 23.2 U	< 21.8 U	NS	< 22.5 U	< 25.8 U	< 23.9 U	< 22.0 U	< 35.1 U	< 23.3 U	< 22.6 U	< 23.5 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	7111	119	19500	387000	895	NS	678190	691240	89869	184770	< 35.1 U	1730000	63192	91910
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	65.7	NS	NS	NS	NS	< 0.571 U	< 0.211 U
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 0.211 U	NS	NS	NS	NS	3.17	13.7
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 0.211 U	NS	NS	NS	NS	< 0.571 U	< 0.211 U
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	65.7	NS	NS	NS	NS	3.17	13.7
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 9.19 U	NS	NS	NS	< 9.18 U	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 5.74 U	NS	NS	NS	< 5.73 U	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	< 9.19 U	NS	NS	NS	< 9.18 U	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 5.74 U	NS	NS	NS	< 5.73 U	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	< 23.0 U	NS	NS	NS	< 22.9 U	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	< 9.19 UJ	NS	NS	NS	< 9.18 U	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 5.74 U	NS	NS	NS	< 5.73 U	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	< 9.19 U	NS	NS	NS	< 9.18 U	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	< 9.19	NS	NS	NS	< 9.18	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AJ16-SB103 6 - 7 ft	AJ16-SB103 7 - 8 ft	AJ17-SB350 12 - 13 ft	AJ17-SB350 4 - 4.5 ft	AJ17-SB350 5 - 6 ft	AJ18-SB256 12 - 13 ft	AJ18-SB256 4 - 5 ft	AJ18-SB256 5 - 7 ft	AJ19-SB298 3 - 5 ft	AJ19-SB298 3 - 5 ft	AJ19-SB298 9 - 10 ft	AJ21-SB210 0 - 0.5 ft	AJ21-SB210 0 - 4 ft	AJ21-SB210 14 - 15 ft	
Depth Interval																				
Sample ID																				
Sample Date																				
SDG																				
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	124 J	NS	NS	398	NS	< 30.6 U	69.6	381 J	654 J	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	124 J	NS	NS	398	NS	< 30.6 U	69.6	381 J	654 J	NS	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	124 J	NS	NS	398	NS	< 30.6 U	69.6	381 J	654 J	NS	NS	NS	NS	NS
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																				
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	< 5.5 UJ	< 99.7 U	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	< 5.5 U	< 99.7 U	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	< 5.5 U	< 99.7 U	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	75.4	101 J+	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	3100	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	63.2	< 99.7 U	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	< 5.5 U	< 99.7 U	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	< 5.5 U	< 99.7 U	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	< 5.5 U	< 99.7 U	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	< 5.5 U	< 99.7 U	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	< 1110 U	NS	NS	< 54.0 U	< 55.4 U	< 99.7 U	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	< 1110 UJ	NS	NS	54.8	< 55.4 U	< 99.7 U	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	76.6	< 99.7 U	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	< 5.5 U	< 99.7 U	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	< 223 U	NS	NS	< 10.8 U	< 11.1 U	< 199 U	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	206	248 J+	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	< 5.5 U	< 99.7 U	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	91.8	124 J+	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	< 5.5 U	< 99.7 U	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	< 223 U	NS	NS	< 10.8 U	167	< 199 U	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	< 1110 U	NS	NS	< 54.0 U	< 55.4 U	< 99.7 U	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	100	< 99.7 U	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	< 5.5 U	< 99.7 U	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	< 5.5 U	< 99.7 U	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	< 5.5 U	< 99.7 U	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	< 5.5 U	111 J+	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	< 5.5 U	< 99.7 U	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	< 5.5 U	< 99.7 U	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	< 5.5 U	< 99.7 U	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	98.3	105 J+	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	108	147 J+	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	< 223 U	NS	NS	< 10.8 U	167	< 199 U	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	119	114 J+	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	< 111 U	NS	NS	< 5.4 U	211	199 J+	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	< 111 UJ	NS	NS	< 5.4 U	< 5.5 U	< 99.7 U	NS	NS	NS	NS	NS
VOCs-SPLP																				
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	< 380 U	NS	NS	< 455 U	NS	NS	< 359 U	< 1920 U	< 774 U	NS	NS	NS	NS	< 1040 U
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	< 380 U	NS	NS	< 455 U	NS	NS	< 359 U	< 1920 U	< 774 U	NS	NS	NS	NS	< 1040 U
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	< 380 U	NS	NS	< 455 U	NS	NS	< 359 U	< 1920 U	< 774 U	NS	NS	NS	NS	< 1040 U
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	< 380 U	NS	NS	< 455 U	NS	NS	< 359 UJ	< 1920 U	< 774 U	NS	NS	NS	NS	< 1040 U
Anthracene	ug/kg	40000	400000	NE	1000000	NS	< 380 U	NS	NS	< 455 U	NS	NS	< 359 U	< 1920 UJ	< 774 UJ	NS	NS	NS	NS	< 1040 U
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	< 380 U	NS	NS	< 455 U	NS	NS	< 359 U	< 1920 U	< 774 U	NS	NS	NS	NS	< 1040 U
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	< 380 U	NS	NS	< 455 U	NS	NS	< 359 U	< 1920 U	< 774 U	NS	NS	NS	NS	< 1040 U
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	< 380 U	NS	NS	< 455 U	NS	NS	< 359 U	< 1920 U	< 774 U	NS	NS	NS	NS	< 1040 U
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	< 380 UJ	NS	NS	< 455 U	NS	NS	< 359 U	< 1920 U	< 774 U	NS	NS	NS	NS	< 1040 U
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	< 380 U	NS	NS	< 455 U	NS	NS	< 359 UJ	< 1920 U	< 774 U	NS	NS	NS	NS	< 1040 U
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	< 359 U	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	< 380 U	NS	NS	< 455 U	NS	NS	< 359 U	< 1920 U	< 774 U	NS	NS	NS	NS	< 1040 U
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	< 380 U	NS	NS	< 455 U	NS	NS	< 359 U	< 1920 U	< 774 U	NS	NS	NS	NS	< 1040 U
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	< 380 U	NS	NS	< 455 U	NS	NS	< 359 U	< 19						

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AJ16-SB103 6 - 7 ft AJ16 SB103 6-7 8/10/2011 SB33308	AJ16-SB103 7 - 8 ft AJ16 SB103 7-8 8/10/2011 SB33308	AJ17-SB350 12 - 13 ft -SB350(12-13)-0409 4/9/2012 SB46864	AJ17-SB350 4 - 4.5 ft -SB350(4-4.5)-0409 4/9/2012 SB46864	AJ17-SB350 5 - 6 ft 7-SB350(5-6)-0409 4/9/2012 SB46864	AJ18-SB256 12 - 13 ft 8-SB256 (12-13)-1227 12/27/2011 SB41712	AJ18-SB256 4 - 5 ft 8-SB256 (4-5)-1227 12/27/2011 SB41712	AJ18-SB256 5 - 7 ft 8-SB256 (5-7)-1227 12/27/2011 SB41712	AJ19-SB298 3 - 5 ft 9-SB298(3-5)-0216 2/16/2012 SB44035	AJ19-SB298 3 - 5 ft 9-SB298(3-5)-0216 2/16/2012 SB44035	AJ19-SB298 9 - 10 ft 9-SB298(9-10)-0216 2/16/2012 SB44035	AJ21-SB210 0 - 0.5 ft AJ-21-SB210(0-0.5) 10/9/2011 SB37166	AJ21-SB210 0 - 4 ft AJ-21-SB210(0-4) 10/9/2011 SB37166	AJ21-SB210 14 - 15 ft AJ-21-SB210(14-15) 10/9/2011 SB37166
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	< 5.51 U	< 5.44 U	< 5.91 U	NS	< 5.42 UJ	NS	< 5.50 UJ	< 5.13 UJ	< 5.37 UJ	NS	< 5.24 U	NS
Arsenic	mg/kg	NE	NE	NE	10	NS	< 1.53 U	2.53	3.61	3.91	NS	2.83 J	NS	9.46	9.77	< 1.61 U	NS	10.0	NS
Barium	mg/kg	NE	NE	NE	4700	NS	NS	153	199	199	NS	111 J	NS	422 J+	415 J+	60.0 J+	NS	99.6	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	< 0.551 U	0.762	0.785	NS	0.689	NS	< 0.550 U	0.549	< 0.537 U	NS	< 0.524 U	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	< 0.511 U	< 0.551 U	< 0.544 U	< 0.591 U	NS	1.44 J	NS	3.80	4.01	< 0.537 U	NS	< 0.524 U	NS
Chromium	mg/kg	NE	NE	NE	12.8	NS	12.8	20.7	32.7	43.7	NS	34.8 J	NS	65.8	75.4	14.5	NS	22.0	NS
Copper	mg/kg	NE	NE	NE	2500	NS	NS	13.3	11.2	17.6	NS	18.9 J	NS	249	253	12.3	NS	15.4	NS
Lead	mg/kg	NE	NE	NE	400	NS	9.04	16.1 J	25.7 J	21.5 J	NS	28.8 J	NS	736	966	12.6	NS	148	NS
Mercury	mg/kg	NE	NE	NE	20	NS	< 0.0319 U	< 0.0335 U	0.0700	0.0780	NS	< 0.0334 U	NS	0.294 J	0.543 J	< 0.0317 U	NS	0.153	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	19.6	18.1	23.0	NS	19.2 J	NS	47.8	45.9	12.3	NS	13.8	NS
Selenium	mg/kg	NE	NE	NE	340	NS	NS	< 1.65 U	< 1.63 U	< 1.77 U	NS	< 1.63 U	NS	< 1.65 U	< 1.63 U	< 1.54 U	NS	< 2.15 U	NS
Silver	mg/kg	NE	NE	NE	340	NS	NS	< 1.65 U	< 1.63 U	< 1.77 U	NS	< 1.63 UJ	NS	1.77	2.18	< 1.61 U	NS	< 1.57 U	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	< 3.31 U	< 3.27 U	< 3.54 U	NS	< 3.25 U	NS	< 3.30 U	3.80	< 3.22 U	NS	< 3.15 U	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	17.0	26.5	39.0	NS	32.0 J	NS	44.3	46.6	17.7	NS	22.9	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	29.2	52.5	61.9	NS	63.8 J	NS	1070	1100	28.1	NS	82.6	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	< 1.00 UJ	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 21.5 U	< 21.9 U	< 21.2 U	< 23.3 U	< 27.3 U	< 41.9 U	< 110 U	< 21.5 U	< 1150 U	< 1190 U	< 20.6 U	< 20.8 U	NS	< 62.6 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	905	< 21.9 U	786	3320	43300	< 41.9 U	< 110 U	< 21.5 U	24500	16500	< 20.6 U	< 20.8 U	NS	< 62.6 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 21.5 U	< 21.9 U	< 21.2 U	< 23.3 U	< 27.3 U	< 41.9 U	< 110 U	< 21.5 U	< 1150 U	< 1190 U	< 20.6 U	< 20.8 U	NS	< 62.6 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 21.5 U	< 21.9 U	< 21.2 U	84.0	247	< 41.9 U	< 110 U	< 21.5 U	< 1150 U	< 1190 U	< 20.6 U	< 20.8 U	NS	< 62.6 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 21.5 U	< 21.9 U	< 21.2 U	< 23.3 U	< 27.3 U	< 41.9 U	< 110 U	< 21.5 U	< 1150 U	< 1190 U	< 20.6 U	< 20.8 U	NS	< 62.6 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	905	< 21.9 U	786	3400	43547	< 41.9 U	< 110 U	< 21.5 U	24500	16500	< 20.6 U	< 20.8 U	NS	< 62.6 U
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	< 0.211 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	2.32	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	< 0.211 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	2.32	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AJ21-SB210 4.5 - 5.5 ft 10/9/2011 SB37166	AJ21-SB210 5 - 9 ft 10/9/2011 SB37166	AJ21-SB210 6 - 7 ft 10/9/2011 SB37166	AJ23-SB207 0 - 0.5 ft 10/2/2011 SB36674	AJ23-SB207 13 - 13.5 ft 10/2/2011 SB36674	AJ23-SB207 2.5 - 3 ft 10/2/2011 SB36674	AJ23-SB207 2.5 - 3 ft 10/2/2011 SB36674	AJ23-SB207 6 - 6.5 ft 10/2/2011 SB36674	AK10-SB276 0 - 1 ft 12/29/2011 SB41766	AK10-SB276 2.5 - 3.5 ft 12/29/2011 SB41766	AK10-SB276 5 - 6 ft 12/29/2011 SB41766	AK11-SB431 11.5 - 12.5 ft 7/5/2012 SB52304	AK11-SB431 3 - 4 ft 7/5/2012 SB52304	AK11-SB431 7 - 8 ft 7/5/2012 SB52304
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	< 5.43 U	NS	NS	NS	< 5.55 UJ	< 5.20 UJ	< 4.98 UJ	NS	< 5.73 UJ	< 5.37 UJ	< 5.70 UJ	< 5.78 UJ	< 5.57 UJ
Arsenic	mg/kg	NE	NE	NE	10	NS	1.74	NS	NS	NS	3.96	3.15	1.63	NS	7.87	2.94	1.75	2.94	14.2
Barium	mg/kg	NE	NE	NE	4700	NS	48.7	NS	NS	NS	83.5	73.0	103.9	NS	139.9	103.9	47.3	112	89.1
Beryllium	mg/kg	NE	NE	NE	2	NS	< 0.543 U	NS	NS	NS	0.613	< 0.520 U	0.735	NS	0.802	0.758	< 0.570 U	< 0.578 U	< 0.557 U
Cadmium	mg/kg	NE	NE	NE	34	NS	< 0.543 U	NS	NS	NS	< 0.555 U	< 0.520 U	< 0.498 U	NS	1.41	0.711	< 0.570 U	< 0.578 U	< 0.557 U
Chromium	mg/kg	NE	NE	NE	11.3	NS	11.3	NS	NS	NS	19.2	15.9	31.2	NS	39.9 J	31.2 J	13.7 J-	35.5 J-	18.0 J-
Copper	mg/kg	NE	NE	NE	2500	NS	12.1	NS	NS	NS	10.5	10.6	14.0	NS	25.8 J-	6.23 J-	17.4 J	13.3 J	19.2 J
Lead	mg/kg	NE	NE	NE	400	NS	13.4	NS	NS	NS	27.3	26.2	6.83	NS	64.3	5.60	2.18	15.8	18.3
Mercury	mg/kg	NE	NE	NE	20	NS	< 0.0314 U	NS	NS	NS	0.0542 J+	0.0590 J+	< 0.0311 U	NS	0.302 J	0.0362 J	< 0.0324 UJ	0.0725 J	0.0344 J
Nickel	mg/kg	NE	NE	NE	1400	NS	11.6	NS	NS	NS	10.1	8.69	7.65	NS	24.4 J	14.7 J	10.3 J	16.8 J	13.0 J
Selenium	mg/kg	NE	NE	NE	340	NS	< 1.63 U	NS	NS	NS	< 1.67 U	< 1.56 U	< 1.50 U	NS	< 1.72 U	< 1.61 U	< 1.71 U	< 1.73 U	< 1.67 U
Silver	mg/kg	NE	NE	NE	340	NS	< 1.63 U	NS	NS	NS	< 1.67 U	< 1.56 U	< 1.50 U	NS	< 1.72 U	< 1.61 U	< 1.71 U	< 1.73 U	< 1.67 U
Thallium	mg/kg	NE	NE	NE	5.4	NS	< 3.26 U	NS	NS	NS	< 3.33 U	< 3.12 U	< 2.99 U	NS	< 3.44 U	< 3.22 U	< 3.42 U	< 3.47 U	< 3.34 U
Vanadium	mg/kg	NE	NE	NE	470	NS	13.0	NS	NS	NS	13.0	18.0	30.9	NS	40.3	30.9	14.8 J	33.3 J	21.9 J
Zinc	mg/kg	NE	NE	NE	20000	NS	26.7	NS	NS	NS	37.9	34.9	24.6	NS	118 JEB	38.2 JEB	22.4 J	40.5 J	46.4 J
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 20.7 U	NS	< 21.2 U	< 20.2 U	< 20.2 U	NS	NS	< 20.9 U	NS	< 24.3 U	< 23.9 U	< 21.2 U	< 24.3 U	< 22.2 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	1390	NS	< 21.2 U	< 20.2 U	< 20.2 U	NS	NS	< 20.9 U	NS	< 24.3 U	< 23.9 U	38.1	< 24.3 U	< 22.2 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 20.7 U	NS	< 21.2 U	< 20.2 U	< 20.2 U	NS	NS	< 20.9 U	NS	< 24.3 U	< 23.9 U	< 21.2 U	< 24.3 U	< 22.2 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	30.5	NS	< 21.2 U	< 20.2 U	< 20.2 U	NS	NS	< 20.9 U	NS	< 24.3 U	< 23.9 U	< 21.2 U	< 24.3 U	< 22.2 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 20.7 U	NS	< 21.2 U	< 20.2 U	< 20.2 U	NS	NS	< 20.9 U	NS	< 24.3 U	< 23.9 U	< 21.2 U	< 24.3 U	< 22.2 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	1420	NS	< 21.2 U	< 20.2 U	< 20.2 U	NS	NS	< 20.9 U	NS	< 24.3 U	< 23.9 U	38.1	< 24.3 U	< 22.2 U
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 10.1 U	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 6.29 U	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	< 10.1 U	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	26.6 J	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	169	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	< 10.1 U	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	23.0	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	< 10.1 U	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	< 6.29	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
This is a summary table. Only detected analytes are shown.
<0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
Yellow highlighted cells exceed the 2013 GA PMC
Green highlighted cells exceed the 2013 GB PMC
Blue highlighted cells exceed the 2013 RES DEC
RES DEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
GWPC = Groundwater Protection Criteria
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
NE = Criteria has not been established
NS = Not sampled for this constituent
ug/kg = micrograms per kilogram
ug/l = micrograms per liter
mg/kg = milligrams per kilogram
U = The analyte was not detected above the detection limit
J+ = Result may be biased high
J- = Result may be biased low
J = Result is considered estimated
UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AK13-SB430 1 - 2 ft 7/5/2012 SB52304	AK14-SB429 11.5 - 12.5 ft 7/5/2012 SB52304	AK14-SB429 2 - 2.5 ft 7/5/2012 SB52304	AK14-SB429 5 - 6 ft 7/5/2012 SB52304	AK15-SB440 1 - 2 ft 7/6/2012 SB52371	AK15-SB440 13 - 14 ft 7/6/2012 SB52371	AK15-SB440 2 - 3.5 ft 7/6/2012 SB52371	AK16.5 2 - 4 ft 9/21/2020 2011104	AK16.5 4 - 6 ft 9/21/2020 2011104	AK16.5 4 - 6 ft 9/21/2020 2011104	AK16-SB483 1 - 2 ft 7/12/2012 SB52798	AK16-SB483 3 - 4 ft 7/12/2012 SB52798	AK16-SB483 6 - 7 ft 7/12/2012 SB52798	AK16-SS101 0 - 0.5 ft 8/3/2011 SB32875
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg		500	2500	NE	500	< 30.2 U	NS	NS	174	NS	NS	3420	NS	NS	NS	NS	4820	NS	NS
Total Petroleum Hydrocarbons	mg/kg		500	2500	NE	500	< 30.2 U	NS	NS	174	NS	NS	3420	NS	NS	NS	NS	4820	NS	NS
Unidentified	mg/kg		NE	NE	NE	NE	< 30.2 U	NS	NS	174	NS	NS	3420	NS	NS	NS	NS	4820	NS	NS
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l		NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS																				
1,1,1-Trichloroethane	ug/kg		4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	< 115 U	NS	NS	NS	NS	< 123 U	NS	NS
1,1-Dichloroethane	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	< 115 U	NS	NS	NS	NS	< 123 U	NS	NS
1,2,4-Trichlorobenzene	ug/kg		NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	< 115 UJ	NS	NS	NS	NS	< 123 UJ	NS	NS
1,2,4-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	681	NS	NS	NS	NS	335	NS	NS
1,2-Dichlorobenzene	ug/kg		3100	3100	NE	500000	NS	NS	NS	NS	NS	NS	622	NS	NS	NS	NS	240	NS	NS
1,2-Dichloroethane	ug/kg		20	200	NE	6700	NS	NS	NS	NS	NS	NS	< 115 U	NS	NS	NS	NS	< 123 U	NS	NS
1,3,5-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	176	NS	NS	NS	NS	< 123 U	NS	NS
1,3-Dichlorobenzene	ug/kg		12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	209	NS	NS	NS	NS	167	NS	NS
1,4-Dichlorobenzene	ug/kg		1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	297	NS	NS	NS	NS	899	NS	NS
2-Butanone (MEK)	ug/kg		8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	< 1150 U	NS	NS	NS	NS	< 1230 U	NS	NS
Acetone	ug/kg		14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	< 1150 U	NS	NS	NS	NS	< 1230 U	NS	NS
Benzene	ug/kg		20	200	NE	21000	NS	NS	NS	NS	NS	NS	< 115 U	NS	NS	NS	NS	< 123 U	NS	NS
Chlorobenzene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	338	NS	NS	NS	NS	434	NS	NS
Chloroethane	ug/kg		NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	< 229 U	NS	NS	NS	NS	< 245 U	NS	NS
cis-1,2-Dichloroethylene	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	< 115 U	NS	NS	NS	NS	< 123 U	NS	NS
Ethyl ether	ug/kg		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 115 U	NS	NS	NS	NS	< 123 U	NS	NS
Ethylbenzene	ug/kg		10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	835 J	NS	NS	NS	NS	255	NS	NS
Isopropylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	524	NS	NS	NS	NS	226	NS	NS
m,p-Xylenes	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	1870	NS	NS	NS	NS	521	NS	NS
Methyl Isobutyl Ketone	ug/kg		7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	< 1150 U	NS	NS	NS	NS	< 1230 U	NS	NS
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	27500	NS	NS	NS	NS	1460	NS	NS
n-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	3510	NS	NS	NS	NS	755	NS	NS
n-Propylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	955	NS	NS	NS	NS	234	NS	NS
o-Xylene	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	241 J	NS	NS	NS	NS	< 123 UJ	NS	NS
p-Isopropyltoluene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	957	NS	NS	NS	NS	136	NS	NS
sec-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	1640	NS	NS	NS	NS	747	NS	NS
Styrene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	< 115 U	NS	NS	NS	NS	< 123 U	NS	NS
tert-butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	316	NS	NS	NS	NS	212	NS	NS
Tetrachloroethylene	ug/kg		100	1000	NE	12000	NS	NS	NS	NS	NS	NS	< 115 U	NS	NS	NS	NS	< 123 U	NS	NS
Toluene	ug/kg		20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	447	NS	NS	NS	NS	202	NS	NS
Total Xylenes	ug/kg		19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	2110	NS	NS	NS	NS	521	NS	NS
trans-1,2-Dichloroethylene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	225	NS	NS	NS	NS	420	NS	NS
Trichloroethene	ug/kg		100	1000	NE	56000	NS	NS	NS	NS	NS	NS	< 115 U	NS	NS	NS	NS	221	NS	NS
Vinyl chloride	ug/kg		40	400	NE	320	NS	NS	NS	NS	NS	NS	< 115 UJ	NS	NS	NS	NS	< 123 UJ	NS	NS
VOCS-SPLP																				
Total VOC-SPLP	ug/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg		200	1000	NE	21000	< 188 U	NS	NS	< 199 U	NS	NS	1630	NS	NS	NS	NS	< 2000 U	NS	NS
2-Methylnaphthalene	ug/kg		560	5600	NE	270000	< 188 U	NS	NS	< 199 U	NS	NS	1930	NS	NS	NS	NS	2250	NS	NS
Acenaphthene	ug/kg		8400	84000	NE	1000000	< 188 U	NS	NS	< 199 U	NS	NS	1100	NS	NS	NS	NS	< 2000 U	NS	NS
Acenaphthylene	ug/kg		8400	84000	NE	1000000	< 188 U	NS	NS	< 199 U	NS	NS	< 950 U	NS	NS	NS	NS	< 2000 U	NS	NS
Anthracene	ug/kg		40000	400000	NE	1000000	< 188 U	NS	NS	< 199 U	NS	NS	< 950 U	NS	NS	NS	NS	< 2000 U	NS	NS
Benzo(a)anthracene	ug/kg		1000	1000	NE	1000	< 188 U	NS	NS	< 199 U	NS	NS	2040	NS	NS	NS	NS	2530	NS	NS
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	< 188 U	NS	NS	< 199 U	NS	NS	1980	NS	NS	NS	NS	2360	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	< 188 U	NS	NS	< 199 U	NS	NS	2100	NS	NS	NS	NS	2260	NS	NS
Benzo(g,h,i)perylene	ug/kg		1000	1000	NE	8400	< 188 U	NS	NS	< 199 U	NS	NS	986	NS	NS	NS	NS	< 2000 U	NS	NS
Benzo(k)fluoranthene	ug/kg		1000	1000	NE	8400	< 188 U	NS	NS	< 199 U	NS	NS	1690	NS	NS	NS	NS	2070	NS	NS
Bis(2-ethylhexyl)phthalate	ug/kg		1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg		1000	1000	NE	84000	< 188 U	NS	NS	< 199 U	NS	NS	1880	NS	NS	NS	NS	2480	NS	NS
Dibenzo(a,h)anthracene	ug/kg		1000	1000	NE	1000	< 188 U	NS	NS	< 199 U	NS	NS	< 950 U	NS	NS	NS	NS	< 2000 U	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	< 188 U	NS	NS	< 199 U	NS	NS	4160	NS	NS	NS	NS	4660	NS	NS
Fluorene	ug/kg		5600	56000	NE	1000000	< 188 U	NS	NS	< 199 U	NS	NS	< 950 U	NS	NS	NS	NS	< 2000 U	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg		1000	1000	NE	1000	< 188 U	NS	NS	< 199 U	NS	NS	963	NS	NS	NS	NS	< 2000 U	NS	NS
Naphthalene	ug/kg		5600	56000	NE	1000000	< 188 U	NS	NS	< 199 U	NS	NS	4170	NS	NS	NS	NS	2340	NS	NS
Phenanthrene	ug/kg		4000	40000	NE	1000000	< 188 U	NS	NS	< 199 U	NS	NS	3420	NS	NS	NS	NS	5060	NS	NS
Pyrene	ug/kg		4000	40000	NE	1000000	< 188 U	NS	NS	< 199 U	NS	NS	4360	NS	NS	NS	NS	5120	NS	NS
SVOCs-SPLP																				
1-Methylnaph																				

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AK13-SB430 1 - 2 ft 7/5/2012 SB52304	AK14-SB429 11.5 - 12.5 ft 7/5/2012 SB52304	AK14-SB429 2 - 2.5 ft 7/5/2012 SB52304	AK14-SB429 5 - 6 ft 7/5/2012 SB52304	AK15-SB440 1 - 2 ft 7/6/2012 SB52371	AK15-SB440 13 - 14 ft 7/6/2012 SB52371	AK15-SB440 2 - 3.5 ft 7/6/2012 SB52371	AK16.5 2 - 4 ft 9/21/2020 2011104	AK16.5 4 - 6 ft 9/21/2020 2011104	AK16.5 4 - 6 ft 9/21/2020 2011104	AK16-SB483 1 - 2 ft 7/12/2012 SB52798	AK16-SB483 3 - 4 ft 7/12/2012 SB52798	AK16-SB483 6 - 7 ft 7/12/2012 SB52798	AK16-SS101 0 - 0.5 ft 8/3/2011 SB32875	
Metals																				
Antimony	mg/kg	NE	NE	NE	27	< 5.46 UJ	< 5.62 UJ	< 5.92 UJ	< 5.56 UJ	< 5.48 UJ	< 7.68 UJ	< 5.53 UJ	NS	NS	NS	< 5.64 UJ	< 5.98 UJ	NS	NS	
Arsenic	mg/kg	NE	NE	NE	10	4.57	1.85	10.1	2.51	< 1.64 U	< 2.31 U	3.05	NS	NS	NS	5.59 J-	< 3.59 UJ	NS	NS	
Barium	mg/kg	NE	NE	NE	4700	251	47.0	377	163	159	78.2	330	NS	NS	NS	NS	76.1	487	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	< 0.546 U	< 0.562 U	0.904	< 0.556 U	< 2.74 U	< 0.768 U	< 0.553 U	NS	NS	NS	< 0.564 U	< 0.598 U	NS	NS	
Cadmium	mg/kg	NE	NE	NE	34	0.548	< 0.562 U	3.85	< 0.556 U	< 0.548 U	< 0.768 U	4.12	NS	NS	NS	0.610	5.61	NS	NS	
Chromium	mg/kg	NE	NE	NE	NE	72.5 J-	11.0 J-	186 J-	46.7 J-	44.3 J	439 J	23.3	NS	NS	NS	23.3	573	NS	NS	
Copper	mg/kg	NE	NE	NE	2500	29.4 J	14.4 J	5130 J	19.6 J	36.6	13.7	323	NS	NS	NS	NS	30.1 J	365 J	NS	NS
Lead	mg/kg	NE	NE	NE	400	24.1	2.75	600	26.2	19.1 J	5.19 J	634 J	NS	NS	NS	NS	57.8 J	838 J	NS	NS
Mercury	mg/kg	NE	NE	NE	20	0.0753 J	< 0.0364 UJ	1.02 J	0.0500 J	0.0450 J+	0.0605 J+	1.11 J+	NS	NS	NS	0.180 J	0.705 J	NS	NS	
Nickel	mg/kg	NE	NE	NE	1400	29.4 J	8.74 J	1730 J	18.3 J	19.2	17.9	113	NS	NS	NS	14.0 J	127 J	NS	NS	
Selenium	mg/kg	NE	NE	NE	340	< 1.64 U	< 1.69 U	< 1.78 U	< 1.67 U	< 1.64 U	< 1.67 U	< 1.66 U	NS	NS	NS	< 1.69 UJ	< 3.59 UJ	NS	NS	
Silver	mg/kg	NE	NE	NE	340	< 1.64 U	< 1.69 U	< 1.78 U	< 1.67 U	< 1.64 UJ	< 2.31 UJ	< 1.66 UJ	NS	NS	NS	< 1.69 U	< 2.51 U	NS	NS	
Thallium	mg/kg	NE	NE	NE	5.4	< 3.28 U	< 3.37 U	5.93	< 3.34 U	< 3.29 U	< 4.61 U	< 3.32 U	NS	NS	NS	< 3.38 U	< 3.59 U	NS	NS	
Vanadium	mg/kg	NE	NE	NE	470	60.3 J	12.4 J	1990 J	40.8 J	35.9 J	21.4 J	150 J	NS	NS	NS	NS	137	24.9	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	62.9 J	15.9 J	1220 J	56.4 J	50.4 J	40.4 J	878 J	NS	NS	NS	NS	67.5	1130	NS	NS
Metals-SPLP																				
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Cyanide																				
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
PCBs																				
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 22.6 U	< 24.4 U	< 24.3 U	< 24.2 U	< 21.3 U	< 30.3 U	< 22700 U	510000	980000	1100000	< 22.9 U	< 24100 U	578	< 20.9 U	
Aroclor 1248	ug/kg	NE	NE	NE	NE	608	79.2	1280000	118000	3500	219	713000	< 47000	< 91000	< 91000	2650	2210000	< 24.8 U	820	
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 22.6 U	< 24.4 U	< 24.3 U	< 24.2 U	< 21.3 U	< 30.3 U	< 22700 U	< 47000	< 91000	< 91000	< 22.9 U	< 24100 U	< 24.8 U	< 20.9 U	
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 22.6 U	< 24.4 U	< 24.3 U	< 24.2 U	123	< 30.3 U	< 22700 U	< 47000	< 91000	< 91000	342 J	27800	< 24.8 U	< 20.9 U	
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 22.6 U	< 24.4 U	< 24.3 U	< 24.2 U	< 21.3 U	< 30.3 U	< 22700 U	< 47000	< 91000	< 91000	< 22.9 U	< 24100 U	< 24.8 U	< 20.9 U	
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	608	79.2	1280000	118000	3620	219	713000	510000	980000	1100000	2990	2237800	578	820	
PCBs-SPLP																				
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Pesticides																				
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Total DDX	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Pesticides-SPLP																				
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Herbicides																				
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AK16-SS101 0 - 0.5 ft 8/5/2011 SB32945	AK17-SB441 1 - 2 ft 7/6/2012 SB52371	AK17-SB441 13 - 14 ft 7/13/2012 SB52371	AK17-SB441 7 - 8 ft 7/6/2012 SB52371	AK19-SB485 13 - 14 ft 7/13/2012 SB52798	AK19-SB485 4 - 5 ft 7/13/2012 SB52798	AK19-SB485 6 - 7 ft 7/13/2012 SB52798	AL10-SS176 0 - 0.25 ft 8/11/2011 SB33302	AL13-SB439 2 - 3 ft 7/6/2012 SB52371	AL13-SB439 3 - 4 ft 7/6/2012 SB52371	AL15-SB480 11 - 12 ft 7/12/2012 SB52798	AL15-SB480 7 - 8 ft 7/12/2012 SB52798	AL16-SB486 4 - 5 ft 7/13/2012 SB52798	AL16-SB486 7 - 8 ft 7/13/2012 SB52798
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg		500	2500	NE	500	293	NS	NS	NS	NS	NS	37.4	NS	< 30.4 U	NS	NS	< 39.0 U	NS	< 33.3 U
Total Petroleum Hydrocarbons	mg/kg		500	2500	NE	500	293	NS	NS	NS	NS	NS	37.4	NS	< 30.4 U	NS	NS	< 39.0 U	NS	< 33.3 U
Unidentified	mg/kg		NE	NE	NE	NE	293	NS	NS	NS	NS	NS	37.4	NS	< 30.4 U	NS	NS	< 39.0 U	NS	< 33.3 U
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l		NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS																				
1,1,1-Trichloroethane	ug/kg		4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg		NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg		3100	31000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg		20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg		12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg		1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg		8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg		14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg		20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg		NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg		10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg		7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg		100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg		20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg		19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg		100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg		40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS-SPLP																				
Total VOC-SPLP	ug/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg		200	1000	NE	21000	< 745 U	NS	NS	NS	NS	NS	< 179 UJ	NS	< 199 U	NS	NS	< 246 U	NS	< 218 UJ
2-Methylnaphthalene	ug/kg		560	5600	NE	270000	< 745 U	NS	NS	NS	NS	NS	< 179 U	NS	< 199 U	NS	NS	< 246 U	NS	< 218 U
Acenaphthene	ug/kg		8400	84000	NE	1000000	< 745 U	NS	NS	NS	NS	NS	< 179 U	NS	< 199 U	NS	NS	< 246 U	NS	< 218 U
Acenaphthylene	ug/kg		8400	84000	NE	1000000	< 745 U	NS	NS	NS	NS	NS	< 179 U	NS	< 199 U	NS	NS	< 246 U	NS	< 218 U
Anthracene	ug/kg		40000	400000	NE	1000000	< 745 U	NS	NS	NS	NS	NS	< 179 UJ	NS	< 199 U	NS	NS	< 246 U	NS	< 218 UJ
Benzo(a)anthracene	ug/kg		1000	1000	NE	1000	< 745 U	NS	NS	NS	NS	NS	< 179 UJ	NS	209	NS	NS	< 246 U	NS	< 218 UJ
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	< 745 U	NS	NS	NS	NS	NS	< 179 U	NS	205	NS	NS	< 246 U	NS	< 218 U
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	< 745 U	NS	NS	NS	NS	NS	< 179 U	NS	< 199 U	NS	NS	< 246 U	NS	< 218 U
Benzo(g,h,i)perylene	ug/kg		1000	1000	NE	8400	< 745 U	NS	NS	NS	NS	NS	< 179 U	NS	< 199 U	NS	NS	< 246 U	NS	< 218 U
Benzo(k)fluoranthene	ug/kg		1000	1000	NE	8400	< 745 U	NS	NS	NS	NS	NS	< 179 U	NS	230	NS	NS	< 246 U	NS	< 218 U
Bis(2-ethylhexyl)phthalate	ug/kg		1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	< 246 U	NS	< 218 U
Chrysene	ug/kg		1000	1000	NE	84000	< 745 UJ	NS	NS	NS	NS	NS	< 179 UJ	NS	< 199 U	NS	NS	< 246 U	NS	< 218 UJ
Dibenzo(a,h)anthracene	ug/kg		1000	1000	NE	1000	< 745 U	NS	NS	NS	NS	NS	< 179 U	NS	< 199 U	NS	NS	< 246 U	NS	< 218 U
Fluoranthene	ug/kg		5600	56000	NE	1000000	< 745 U	NS	NS	NS	NS	NS	< 179 UJ	NS	396	NS	NS	< 246 U	NS	< 218 UJ
Fluorene	ug/kg		5600	56000	NE	1000000	< 745 U	NS	NS	NS	NS	NS	< 179 U	NS	< 199 U	NS	NS	< 246 U	NS	< 218 U
Indeno(1,2,3-cd)pyrene	ug/kg		1000	1000	NE	1000	< 745 U	NS	NS	NS	NS	NS	< 179 U	NS	< 199 U	NS	NS	< 246 U	NS	< 218 U
Naphthalene	ug/kg		5600	56000	NE	1000000	< 745 U	NS	NS	NS	NS	NS	< 179 UJ	NS	< 199 U	NS	NS	< 246 U	NS	< 218 UJ
Phenanthrene	ug/kg		4000	40000	NE	1000000	< 745 U	NS	NS	NS	NS	NS	< 179 U	NS	234	NS	NS	< 246 U	NS	< 218 U
Pyrene	ug/kg		4000	40000	NE	1000000	< 745 U	NS	NS	NS	NS	NS	< 179 U	NS	392	NS	NS	< 246 U	NS	< 218 U
SVOCs-SPLP																				
1-Methylnaphthalene	ug/l		NE	NE	50	NE	NS	NS	NS	NS										

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AK16-SS101 0 - 0.5 ft 8/5/2011 SB32945	AK17-SB441 1 - 2 ft 7/6/2012 SB52371	AK17-SB441 13 - 14 ft 7/6/2012 SB52371	AK17-SB441 7 - 8 ft 7/6/2012 SB52371	AK19-SB485 13 - 14 ft 7/13/2012 SB52798	AK19-SB485 4 - 5 ft 7/13/2012 SB52798	AK19-SB485 6 - 7 ft 7/13/2012 SB52798	AL10-SS176 0 - 0.25 ft 8/11/2011 SB33302	AL13-SB439 2 - 3 ft 7/6/2012 SB52371	AL13-SB439 3 - 4 ft 7/6/2012 SB52371	AL15-SB480 11 - 12 ft 7/12/2012 SB52798	AL15-SB480 7 - 8 ft 7/12/2012 SB52798	AL16-SB486 4 - 5 ft 7/13/2012 SB52798	AL16-SB486 7 - 8 ft 7/13/2012 SB52798
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	< 5.24 UJ	< 13.3 UJ	< 4.74 UJ	< 9.57 UJ	< 4.74 UJ	< 4.95 UJ	NS	< 5.19 UJ	< 6.10 UJ	< 5.22 UJ	< 7.09 UJ	< 5.13 UJ	< 6.61 UJ
Arsenic	mg/kg	NE	NE	NE	10	4.56	< 1.57 U	< 3.98 U	< 1.42 U	< 2.87 UJ	4.39 J-	< 7.42 UJ	NS	< 1.56 U	< 1.83 U	< 3.13 UJ	3.60 J-	< 7.70 UJ	< 1.98 UJ
Barium	mg/kg	NE	NE	NE	4700	NS	60.6	312	109	203	148	58.7	NS	172	101	141	187	144	101
Beryllium	mg/kg	NE	NE	NE	2	NS	< 0.524 U	< 1.33 U	< 0.474 U	< 0.957 U	0.640	< 0.495 U	NS	< 2.59 U	0.702	0.587	1.02	1.16	< 0.661 U
Cadmium	mg/kg	NE	NE	NE	34	< 0.35 U	< 0.524 U	< 1.33 U	< 0.474 U	< 0.957 U	0.531	< 0.495 U	NS	< 0.519 U	< 0.610 U	< 0.522 U	< 0.709 U	0.968	< 0.661 U
Chromium	mg/kg	NE	NE	NE	27.5	27.5	42.3	37.4 J	29.8 J	42.3	29.8 J	17.6	NS	29.5 J	33.2	46.7	45.3	25.0	25.0
Copper	mg/kg	NE	NE	NE	2500	NS	28.3	33.2	32.7	10.1 J	37.2 J	14.5 J	NS	44.5	9.53	7.99 J	12.2 J	44.9 J	2.46 J
Lead	mg/kg	NE	NE	NE	400	36.1	28.8 J	6.71 J	27.1 J	5.51 J	113 J	16.2 J	NS	102 J	15.0 J	3.90 J	37.5 J	27.2 J	3.19 J
Mercury	mg/kg	NE	NE	NE	20	0.09	0.0653 J+	0.144 J+	< 0.0306 U	< 0.0570 UJ	0.0890 J	0.0592 J	NS	0.143 J+	0.0573 J+	< 0.0326 UJ	0.116 J	< 0.0306 UJ	< 0.0383 UJ
Nickel	mg/kg	NE	NE	NE	1400	NS	11.2	23.8	26.4	19.8 J	14.2 J	11.8 J	NS	18.6	14.7	16.2 J	22.3 J	21.7 J	12.0 J
Selenium	mg/kg	NE	NE	NE	340	NS	< 1.57 U	< 3.98 U	< 1.42 U	< 2.87 UJ	< 1.42 UJ	< 1.48 UJ	NS	< 1.56 UJ	< 1.83 UJ	< 1.57 UJ	< 2.13 UJ	< 1.54 UJ	< 1.98 UJ
Silver	mg/kg	NE	NE	NE	340	NS	< 1.57 UJ	< 3.98 UJ	< 1.42 UJ	< 2.87 U	< 1.42 U	< 1.48 U	NS	< 1.56 UJ	< 1.83 UJ	< 1.57 U	< 2.13 U	< 1.54 U	< 1.98 U
Thallium	mg/kg	NE	NE	NE	5.4	NS	< 3.14 U	< 7.95 U	< 2.84 U	< 5.74 U	< 2.85 U	< 2.97 U	NS	< 3.11 U	< 3.66 U	< 3.13 U	< 4.25 U	< 3.08 U	< 3.96 U
Vanadium	mg/kg	NE	NE	NE	470	NS	41.8 J	34.7 J	32.4 J	27.9	18.1	21.3	NS	33.4 J	25.0 J	18.1	34.6	54.9	18.2
Zinc	mg/kg	NE	NE	NE	20000	NS	92.0 J	40.2 J	84.9 J	52.2	83.3	29.7	NS	126 J	41.9 J	51.4	59.7	49.4	26.0
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 22.8 U	< 21.4 U	< 55.5 U	< 410 U	< 37.6 U	< 22.3 U	< 20.4 U	< 22.6 U	< 22.9 U	< 121 U	< 23.3 U	< 57.3 U	< 21.8 U	< 26.2 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	278	278 J	169	16800	< 37.6 U	< 22.3 U	< 20.4 U	1370	2440	< 121 U	186	< 57.3 U	109	97.1
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 22.8 U	124	< 55.5 U	< 410 U	< 37.6 U	< 22.3 U	< 20.4 U	< 22.6 U	< 22.9 U	< 24.3 U	< 23.3 U	< 28.7 U	< 21.8 U	< 26.2 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	26.3	< 21.4 UJ	< 55.5 U	< 410 U	< 37.6 U	< 22.3 U	< 20.4 U	< 22.6 U	133	< 24.3 U	< 23.3 U	< 28.7 U	< 21.8 U	< 26.2 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 22.8 U	< 21.4 U	< 55.5 U	< 410 U	< 37.6 U	< 22.3 U	< 20.4 U	< 22.6 U	< 22.9 U	< 24.3 U	< 23.3 U	< 28.7 U	< 21.8 U	< 26.2 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	304	402	169	16800	< 37.6 U	< 22.3 U	< 20.4 U	1370	2570	< 121 U	186	< 57.3 U	109	97.1
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	< 7.22 U	NS	NS	NS	NS	NS	NS	< 9.38 U	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	8.34 J	NS	NS	NS	NS	NS	NS	< 5.86 U	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS R	NS	NS	NS	NS	NS	NS	< 9.38 U	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	14.2 J	NS	NS	NS	NS	NS	NS	23.5 J	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	116	NS	NS	NS	NS	NS	NS	220 J	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	< 7.22 U	NS	NS	NS	NS	NS	NS	< 9.38 U	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	16.8	NS	NS	NS	NS	NS	NS	20.3 J	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	< 7.22 U	NS	NS	NS	NS	NS	NS	< 9.38 U	NS	NS	NS	NS	NS	NS
Total DDX	ug/kg	3	20	NE	1800	8.34	NS	NS	NS	NS	NS	NS	< 9.38	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	< 7.53 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AL16-SB486 8 - 9 ft 6-SB486 (8-9)-0713 7/13/2012 SB52798	AL16-SS103 0 - 0.5 ft AL16-SS103-08031 8/3/2011 SB32768	AL16-SS103 0 - 0.5 ft AL16-SS103-08051 8/5/2011 SB32945	AL17 1 - 2 ft AL17 (1-2)-1 9/21/2020 2011104	AL17-SB271 0 - 1 ft 7-SB271(0-1)-1228 12/28/2011 SB41766	AL17-SB271 2 - 3 ft 7-SB271(2-3)-1228 12/28/2011 SB41766	AL17-SB271 5 - 6 ft 7-SB271(5-6)-1228 12/28/2011 SB41766	AL17-SS104 0 - 0.5 ft AL17-SS104-08031 8/3/2011 SB32768	AL17-SS104 0 - 0.25 ft AL17SS104 0-3 8/31/2011 SB34491	AL18-SS105 0 - 0.5 ft AL18-SS105-08031 8/3/2011 SB32768	AL18-SS105 0 - 0.25 ft AL18SS105 0-3 8/31/2011 SB34491	AL19-SB491 13 - 14 ft 9-SB491 (13-14)-0713 7/13/2012 SB52798	AL19-SB491 2 - 3 ft 9-SB491 (2-3)-0713 7/13/2012 SB52798	AL19-SB491 7 - 8 ft 9-SB491 (7-8)-0713 7/13/2012 SB52798
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 6.67 UJ	NS	NS	NS	NS	< 4.85 UJ	< 6.22 UJ	NS	NS	NS	NS	< 11.6 UJ	< 4.87 UJ	< 4.98 UJ
Arsenic	mg/kg	NE	NE	NE	10	< 4.00 UJ	4.95	NS	NS	NS	5.03	2.38	NS	NS	NS	NS	< 3.47 UJ	< 2.92 UJ	< 2.99 UJ
Barium	mg/kg	NE	NE	NE	4700	200	NS	NS	NS	NS	64.3 J	138 J	NS	NS	NS	NS	224	130	48.4
Beryllium	mg/kg	NE	NE	NE	2	0.853	NS	NS	NS	NS	< 0.485 U	0.878	NS	NS	NS	NS	< 1.16 U	< 0.487 U	< 0.498 U
Cadmium	mg/kg	NE	NE	NE	34	< 0.667 U	NS	NS	NS	NS	0.815	0.815	NS	NS	NS	NS	< 1.16 U	0.529	< 0.498 U
Chromium	mg/kg	NE	NE	NE	44.3	NS	NS	NS	NS	NS	18.0 J	34.5 J	NS	NS	NS	NS	39.8	44.5	13.2
Copper	mg/kg	NE	NE	NE	2500	7.70 J	NS	NS	NS	NS	19.1 J-	8.78 J-	NS	NS	NS	NS	13.7 J	24.2 J	13.0 J
Lead	mg/kg	NE	NE	NE	400	6.00 J	69.4	NS	NS	NS	26.8	16.4	NS	NS	NS	NS	5.73 J	11.9 J	10.2 J
Mercury	mg/kg	NE	NE	NE	20	0.0598 J	NS	NS	NS	NS	0.100 J	0.0616 J	NS	NS	NS	NS	< 0.0704 UJ	< 0.0312 UJ	< 0.0313 UJ
Nickel	mg/kg	NE	NE	NE	1400	18.4 J	NS	NS	NS	NS	11.1 J	18.2 J	NS	NS	NS	NS	22.3 J	28.3 J	10.6 J
Selenium	mg/kg	NE	NE	NE	340	< 2.00 UJ	NS	NS	NS	NS	< 1.46 U	< 1.87 U	NS	NS	NS	NS	< 3.47 UJ	< 1.46 UJ	< 1.49 UJ
Silver	mg/kg	NE	NE	NE	340	< 2.00 U	NS	NS	NS	NS	< 1.46 U	< 1.87 U	NS	NS	NS	NS	< 3.47 U	< 1.46 U	< 1.49 U
Thallium	mg/kg	NE	NE	NE	5.4	< 4.00 U	NS	NS	NS	NS	< 2.91 U	< 3.73 U	NS	NS	NS	NS	< 6.94 U	< 2.92 U	< 2.99 U
Vanadium	mg/kg	NE	NE	NE	470	31.7	NS	NS	NS	NS	21.5	25.0	NS	NS	NS	NS	28.4	31.5	14.7
Zinc	mg/kg	NE	NE	NE	20000	38.8	NS	NS	NS	NS	44.0 JEB	51.1 JEB	NS	NS	NS	NS	48.4	36.0	21.9
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	< 1.39 UJ	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 28.5 U	< 23.7 U	< 24.6 U	< 87	NS	< 445 U	< 26.9 U	< 22.2 U	< 25.4	< 23.3 U	< 23.0	< 46.9 U	< 20.2 U	< 20.9 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	259	5610	206	980	NS	< 445 U	< 26.9 U	380	< 25.4	107	< 23.0	68.0	1130	30.3
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 28.5 U	< 23.7 U	< 24.6 U	< 87	NS	< 445 U	< 26.9 U	< 22.2 U	< 25.4	< 23.3 U	< 23.0	< 46.9 U	< 20.2 U	< 20.9 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	32.8	251	45.3	< 87	NS	< 445 U	< 26.9 U	30.0	< 25.4	< 23.3 U	< 23.0	< 46.9 U	64.7	< 20.9 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 28.5 U	< 23.7 U	< 24.6 U	< 87	NS	< 445 U	< 26.9 U	< 22.2 U	< 25.4	< 23.3 U	< 23.0	< 46.9 U	< 20.2 U	< 20.9 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	291.8	5861	251	980	NS	< 445 U	< 26.9 U	410	< 25.4 U	107	< 23.0 U	68	1194.7	30.3
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	< 9.53 U	NS R	NS	NS	< 10.5 U	NS	NS	NS	NS	< 9.80	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	30.2	NS R	NS	NS	< 6.56 U	NS	NS	NS	NS	8.28	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	< 9.53 U	NS R	NS	NS	< 10.5 U	NS	NS	NS	NS	< 9.80	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	63.1 J	28.8 J	NS	NS	< 6.56 U	NS	NS	NS	NS	7.52	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	2270	157 J-	NS	NS	< 26.2 U	NS	NS	NS	NS	50.8	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	10.9	NS R	NS	NS	< 10.5 U	NS	NS	NS	NS	< 9.80	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	81.3	26.9 J-	NS	NS	< 6.56 U	NS	NS	NS	NS	8.75	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	< 9.53 U	NS R	NS	NS	< 10.5 U	NS	NS	NS	NS	< 9.80	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	30.2	< 9.53	NS	NS	< 6.56	NS	NS	NS	< 6.60	NS	8.28	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 8.57 U	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
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Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
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 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AL20-SB267 2 - 3 ft 0-SB267 (2-3)-1228 12/28/2011 SB41712	AL20-SB267 3 - 5 ft 0-SB267 (3-5)-1228 12/28/2011 SB41712	AL20-SB267 8 - 9 ft 0-SB267 (8-9)-1228 12/28/2011 SB41712	AL20-SS267 0 - 0.25 ft AL20-SS267 (0-3) 8/22/2011 SB33952	AL20-SS267 0 - 0.25 ft DUPLICATE 19 (0-3) 8/22/2011 SB33952	AM10-SS107 0 - 0.5 ft AM10-SS107-08041 8/4/2011 SB32875	AM10-SS107 0 - 0.25 ft AM10 SS107 0-3 8/11/2011 SB33302	AM11-SB436 11.5 - 12.5 ft SB436(11.5-12.5) 0711 7/6/2012 SB52371	AM11-SB436 3 - 4 ft 1-SB436(3-4) 070611 7/6/2012 SB52371	AM11-SB436 6 - 7 ft 1-SB436(6-7) 070611 7/6/2012 SB52371	AM16-SB270 0 - 1 ft 16-SB270(0-1)-122816 12/28/2011 SB41766	AM16-SB270 4 - 5 ft 16-SB270(4-5)-122816 12/28/2011 SB41766	AM16-SB270 5 - 6 ft 16-SB270(5-6)-122816 12/28/2011 SB41766	AM16-SS108 0 - 0.5 ft AM16-SS108--08031 8/3/2011 SB32768
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	< 5.13 UJ	< 7.63 UJ	NS	NS	NS	< 8.39 UJ	< 5.09 UJ	< 6.01 UJ	NS	< 5.62 UJ	< 7.00 UJ	NS	
Arsenic	mg/kg	NE	NE	NE	10	NS	4.58 J	16.1 J	NS	NS	NS	< 12.6 U	< 7.64 U	< 9.02 U	NS	3.80	5.75	5.72	
Barium	mg/kg	NE	NE	NE	4700	NS	83.8 J	126 J	NS	NS	NS	149 J	78.7 J	159 J	NS	104 J	160 J	NS	
Beryllium	mg/kg	NE	NE	NE	2	NS	0.549	< 0.763 U	NS	NS	NS	< 0.839 U	0.557	1.46	NS	< 0.562 U	1.02	NS	
Cadmium	mg/kg	NE	NE	NE	34	NS	0.954 J	1.45 J	NS	NS	NS	< 0.839 U	< 0.509 U	0.872	NS	< 0.562 U	< 0.700 U	NS	
Chromium	mg/kg	NE	NE	NE	NE	NS	18.4 J	27.8 J	NS	NS	NS	36.7 J	17.6 J	41.2 J	NS	27.3 J	43.3 J	NS	
Copper	mg/kg	NE	NE	NE	2500	NS	24.7 J	56.7 J	NS	NS	NS	21.5	23.1	8.17	NS	< 29.2 UJ	< 36.4 UJ	NS	
Lead	mg/kg	NE	NE	NE	400	NS	53.6 J	139 J	NS	NS	NS	5.44 J	42.5 J	5.45 J	NS	25.0	43.8	48.4	
Mercury	mg/kg	NE	NE	NE	20	NS	< 0.953 U	< 1.30 U	NS	NS	NS	< 0.0507 U	0.0551	< 0.0383 U	NS	0.0747 J	0.146 J	NS	
Nickel	mg/kg	NE	NE	NE	1400	NS	15.3 J	20.0 J	NS	NS	NS	36.6	14.2	24.9	NS	18.5 J	26.0 J	NS	
Selenium	mg/kg	NE	NE	NE	340	NS	< 1.54 U	< 2.29 U	NS	NS	NS	< 2.52 U	< 1.53 U	< 1.80 U	NS	< 1.69 U	< 2.10 U	NS	
Silver	mg/kg	NE	NE	NE	340	NS	< 1.54 UJ	< 2.29 UJ	NS	NS	NS	< 2.61 U	< 1.57 U	< 1.90 U	NS	< 1.69 U	< 2.10 U	NS	
Thallium	mg/kg	NE	NE	NE	5.4	NS	< 3.08 U	< 4.58 U	NS	NS	NS	< 5.03 U	< 3.06 U	< 3.61 U	NS	< 3.37 U	< 4.20 U	NS	
Vanadium	mg/kg	NE	NE	NE	470	NS	22.7 J	39.8 J	NS	NS	NS	39.4 J	22.9 J	57.1 J	NS	32.0	48.5	NS	
Zinc	mg/kg	NE	NE	NE	20000	NS	93.4 J	135 J	NS	NS	NS	66.6	64.6	48.7	NS	< 107 UJ	< 133 UJ	NS	
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Arsenic	ug/l	50	500	NE	NE	NS	NS	10.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Barium	ug/l	1000	10000	NE	NE	NS	NS	17.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Cadmium	ug/l	5	50	NE	NE	NS	NS	< 2.5 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chromium	ug/l	50	500	NE	NE	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Copper	ug/l	1300	13000	NE	NE	NS	NS	8.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Lead	ug/l	15	150	NE	NE	NS	NS	9.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Nickel	ug/l	100	1000	NE	NE	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Vanadium	ug/l	50	500	NE	NE	NS	NS	10.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Zinc	ug/l	5000	50000	NE	NE	NS	NS	< 34.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	< 1.02 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 22.3 U	< 21.2 U	< 61.5 U	< 21.5 U	< 28.4 U	< 21.4 U	< 21.7 U	< 36.2 U	< 20.4 U	< 25.0 U	NS	< 21.8 U	< 27.4 U	< 23.2 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 22.3 U	797	< 61.5 U	< 21.5 U	< 28.4 U	335	132	< 36.2 U	3630	< 25.0 U	NS	20100	180	2730
Aroclor 1254	ug/kg	NE	NE	NE	NE	417	< 21.2 U	< 61.5 U	< 21.5 U	< 28.4 U	< 21.4 U	< 21.7 U	< 36.2 U	< 20.4 U	< 25.0 U	NS	< 21.8 U	< 27.4 U	< 23.2 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	49.1	< 21.2 U	< 61.5 U	< 21.5 U	< 28.4 U	39.6	< 21.7 U	< 36.2 U	235	< 25.0 U	NS	265	< 27.4 U	90.4
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 22.3 U	56.1	< 61.5 U	< 21.5 U	< 28.4 U	< 21.4 U	< 21.7 U	< 36.2 U	< 20.4 U	< 25.0 U	NS	< 21.8 U	< 27.4 U	< 23.2 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	466	853	< 61.5 U	< 21.5 U	< 28.4 U	375	132	< 36.2 U	3865	< 25.0 U	NS	20365	180	2820
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	< 0.2 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	< 0.2 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	< 0.2 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	< 0.2 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	< 8.97 U	NS	NS	NS	NS	NS	NS	< 9.31 U	NS	NS	< 9.36 U
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	< 5.61 U	NS	NS	NS	NS	NS	NS	< 5.82 U	NS	NS	39.1
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	< 8.97 U	NS	NS	NS	NS	NS	NS	< 9.31 U	NS	NS	< 9.36 U
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	< 5.61 U	NS	NS	NS	NS	NS	NS	< 5.82 U	NS	NS	37.8 J
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	< 22.4 U	NS	NS	NS	NS	NS	NS	< 23.3 U	NS	NS	739
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	< 8.97 U	NS	NS	NS	NS	NS	NS	< 9.31 U	NS	NS	< 9.36 U
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	< 5.61 U	NS	NS	NS	NS	NS	NS	< 5.82 U	NS	NS	44.5
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	< 8.97 U	NS	NS	NS	NS	NS	NS	< 9.31 U	NS	NS	< 9.36 U
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	< 8.97	NS	NS	NS	NS	NS	NS	< 9.31	NS	NS	39.1
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Greenwich High School
 10 Hillside Road
 Greenwich, CT

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AM16-SS108 0 - 0.25 ft AM16 SS108 0-3 8/11/2011 SB33302	AM17-SS109 0 - 0.5 ft AM17-SS109-08031 8/3/2011 SB32768	AM17-SS109 0 - 0.25 ft AM17SS109 0-3 8/31/2011 SB34491	AM18-SS292 0 - 0.25 ft M18SS292 0-3-0823 8/23/2011 SB34022	AM20-SS289 0 - 0.25 ft M20SS289 0-3-0823 8/23/2011 SB34022	AM21-SB386 1 - 2 ft M21-SB386 (1-2)-06 6/26/2012 SB51819	AM21-SB386 3 - 5 ft M21-SB386 (3-5)-06 6/26/2012 SB51819	AM21-SB386 6 - 7 ft M21-SB386 (6-7)-06 6/26/2012 SB51819	AM21-SB386 6 - 7 ft M21-SB386 (6-7)-06 6/26/2012 SB51819	AM22-SB304 1 - 2 ft M22-SB304(1-2)-0216 2/16/2012 SB44035	AM22-SB304 5 - 6 ft M22-SB304(5-6)-0216 2/16/2012 SB44035	AM22-SB304 6 - 7 ft M22-SB304(6-7)-0216 2/16/2012 SB44035	AN10-SS175 0 - 0.25 ft AN10 SS175 0-3 8/11/2011 SB33302	AN13-SB437 1.5 - 3 ft 3-SB437(1.5-3)0706 7/6/2012 SB52371	
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	NS	NS	NS	NS	37.1	NS	NS	NS	NS	103	NS	1520 J	
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	NS	NS	NS	NS	37.1	NS	NS	NS	NS	103	NS	1520 J	
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	37.1	NS	NS	NS	NS	103	NS	1520 J	
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VOCS																				
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 UJ	NS	< 89.3 U
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	< 89.3 U
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	< 89.3 UJ
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	177
1,2-Dichlorobenzene	ug/kg	3100	3100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	< 89.3 U
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	< 89.3 U
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	94.7
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	< 89.3 U
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	< 89.3 U
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1170 U	NS	< 893 U
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1170 U	NS	< 893 U
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	101
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	< 89.3 U
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 235 U	NS	< 179 U
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	3050
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	< 89.3 U
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	140 J
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	< 89.3 U
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 235 U	NS	307
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1170 U	NS	< 893 U
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	187
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	< 89.3 U
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	< 89.3 U
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	96.4 J
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	102
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	< 89.3 U
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	< 89.3 U
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	< 89.3 U
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	98.2
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	385
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 235 U	NS	403
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	432
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	7830
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 117 U	NS	1200 J
VOCS-SPLP																				
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	NS	< 507 U	NS	< 10000 U
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	NS	< 507 U	NS	< 10000 U
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	NS	< 507 U	NS	< 10000 U
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	NS	< 507 U	NS	< 10000 U
Anthracene	ug/kg	40000	400000	NE	1000000	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	NS	< 507 UJ	NS	< 10000 U
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	NS	< 507 U	NS	< 10000 U
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	NS	< 507 U	NS	< 10000 U
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	NS	< 507 U	NS	< 10000 U
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	NS	< 507 U	NS	< 10000 U
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	NS	< 507 U	NS	< 10000 U
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	NS	< 507 U	NS	< 10000 U
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	NS	< 507 U	NS	< 10000 U
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	NS	< 507 U	NS	< 10000 U
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	NS	< 507 U	NS	< 10000 U
Fluorene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	NS	< 507 U	NS	< 10000 U
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	NS	< 507 U	NS	< 10000 U
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	NS	NS	NS	< 507 U	NS	< 10000 U

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AM16-SS108 0 - 0.25 ft AM16 SS108 0-3 8/11/2011 SB33302	AM17-SS109 0 - 0.5 ft AM17-SS109-08031 8/3/2011 SB32768	AM17-SS109 0 - 0.25 ft AM17SS109 0-3 8/31/2011 SB34491	AM18-SS292 0 - 0.25 ft M18SS292 0-3-0823 8/23/2011 SB34022	AM20-SS289 0 - 0.25 ft M20SS289 0-3-0823 8/23/2011 SB34022	AM21-SB386 1 - 2 ft M21-SB386 (1-2)-06 6/26/2012 SB51819	AM21-SB386 3 - 5 ft M21-SB386 (3-5)-06 6/26/2012 SB51819	AM21-SB386 6 - 7 ft M21-SB386 (6-7)-06 6/26/2012 SB51819	AM21-SB386 6 - 7 ft M21-SB386 (6-7)-06 6/26/2012 SB51819	AM22-SB304 1 - 2 ft M22-SB304(1-2)-0216 2/16/2012 SB44035	AM22-SB304 5 - 6 ft M22-SB304(5-6)-0216 2/16/2012 SB44035	AM22-SB304 6 - 7 ft M22-SB304(6-7)-0216 2/16/2012 SB44035	AN10-SS175 0 - 0.25 ft AN10 SS175 0-3 8/11/2011 SB33302	AN13-SB437 1.5 - 3 ft 3-SB437(1.5-3)0706 7/6/2012 SB52371
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS	NS	< 5.29 UJ	< 4.56 UJ	< 5.16 UJ	< 4.64 UJ	NS	< 7.17 UJ	< 7.56 UJ	NS	< 5.49 UJ
Arsenic	mg/kg	NE	NE	NE	10	NS	NS	NS	NS	6.84	3.68	1.83	2.64	1.64	NS	< 2.15 U	< 2.27 U	NS	3.68
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	NS	96.7	50.9	58.2	48.4	NS	137 J+	234 J+	NS	495
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	NS	0.539	< 0.456 U	< 0.516 U	< 0.464 U	NS	< 0.717 U	< 0.756 U	NS	< 0.549 U
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	NS	NS	NS	< 0.529 U	< 0.456 U	< 0.516 U	< 0.464 U	NS	< 0.717 U	< 0.756 U	NS	2.54
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	41.1	13.2	15.3	12.2	NS	23.4	20.4	NS	57.0 J
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	NS	25.3	12.4	11.5	10.1	NS	4.59	14.9	NS	278
Lead	mg/kg	NE	NE	NE	400	NS	NS	NS	NS	42.3	24.4 J-	12.0 J-	10.7 J-	9.45 J-	NS	7.20	5.08	NS	1040 J
Mercury	mg/kg	NE	NE	NE	20	NS	NS	NS	NS	NS	0.0743	< 0.0309 U	< 0.0344 U	< 0.0329 U	NS	0.0826	0.0562	NS	0.838 J+
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	34.7 J-	10.9 J-	9.97 J-	9.85 J-	NS	7.78	12.7	NS	56.6
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	< 1.59 U	< 1.37 U	< 1.55 U	< 1.39 U	NS	< 2.15 U	< 2.27 U	NS	< 1.65 U
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	< 1.59 U	< 1.37 U	< 1.55 U	< 1.39 U	NS	< 2.15 U	< 2.27 U	NS	< 1.65 UJ
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS	NS	< 3.17 U	< 2.74 U	< 3.10 U	< 2.78 U	NS	< 4.30 U	< 4.53 U	NS	< 3.29 U
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	NS	32.6	16.7	20.5	15.2	NS	12.6	22.6	NS	266 J
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	43.3	25.8	25.1	20.9	NS	12.9	25.5	NS	862 J
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 24.2 U	< 21.9 U	< 22.8	< 23.9 U	< 24.9 U	< 21.0 U	< 21.5 U	< 22.0 U	< 21.3 U	NS	< 29.2 U	< 28.5 U	< 22.5 U	< 24100 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	400	326	221	194	< 24.9 U	< 21.0 U	260	< 22.0 U	< 21.3 U	NS	< 29.2 U	< 28.5 U	92.3	3460000
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 24.2 U	< 21.9 U	< 22.8	< 23.9 U	< 24.9 U	< 21.0 U	< 21.5 U	< 22.0 U	< 21.3 U	NS	< 29.2 U	< 28.5 U	< 22.5 U	< 24100 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	35.3	25.2	< 22.8	< 23.9 U	< 24.9 U	< 21.0 U	< 21.5 U	< 22.0 U	< 21.3 U	NS	< 29.2 U	< 28.5 U	< 22.5 U	58900
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 24.2 U	< 21.9 U	< 22.8	< 23.9 U	< 24.9 U	< 21.0 U	< 21.5 U	< 22.0 U	< 21.3 U	NS	< 29.2 U	< 28.5 U	< 22.5 U	< 24100 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	435	351	221	194	< 24.9 U	< 21.0 U	260	< 22.0 U	< 21.3 U	NS	< 29.2 U	< 28.5 U	92.3	3520000
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS R	NS	< 9.21	< 9.68 U	NS	NS	NS	NS	NS	NS	< 8.38 U	NS	NS	< 9.00 U
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS R	NS	10.9	< 6.05 U	NS	NS	NS	NS	NS	NS	< 5.24 U	NS	NS	6.83
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS R	NS	< 9.21	< 9.68 U	NS	NS	NS	NS	NS	NS	< 8.38 U	NS	NS	< 9.00 U
alpha-Chlordane	ug/kg	NE	NE	NE	NE	10.9 J	NS	26.0	8.38 J	NS	NS	NS	NS	NS	NS	< 5.24 U	NS	NS	57.5 J
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	147	34.4	NS	NS	NS	NS	NS	NS	< 21.0 U	NS	NS	211
Endrin	ug/kg	NE	NE	NE	20000	NS R	NS	< 9.21	< 9.68 U	NS	NS	NS	NS	NS	NS	< 8.38 U	NS	NS	< 9.00 U
gamma-Chlordane	ug/kg	NE	NE	NE	NE	15.8 J-	NS	26.7	8.70	NS	NS	NS	NS	NS	NS	< 5.24 U	NS	NS	33.9 J
Methoxychlor	ug/kg	800	8000	NE	340000	NS R	NS	< 9.21	< 9.68 U	NS	NS	NS	NS	NS	NS	< 8.38 U	NS	NS	< 9.00 U
Total DDx	ug/kg	3	20	NE	1800	< 9.40	NS	10.9	< 9.68	NS	NS	NS	NS	NS	NS	< 8.38	NS	NS	6.83
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AN13-SB437 11.5 - 12.5 ft SB437(11.5-12.5)07 7/6/2012 SB52371	AN14.5 1 - 1.5 ft AN14.5 (1-1.5)-1 9/18/2020 2011050	AN14.5 2 - 4 ft AN14.5 (2-4)-1 9/18/2020 2011050	AN14.5 4 - 5 ft AN14.5 (4-5)-1 9/18/2020 2011050	AN15-SB438 11.5 - 12.5 ft SB438(11.5-12.5)07 7/6/2012 SB52371	AN15-SB438 3 - 4 ft AN15-SB438(3-4)0706 7/6/2012 SB52371	AN15-SB438 5.3 - 5.6 ft AN15-SB438(5.3-5.6)070 7/6/2012 SB52371	AN16 1.5 - 2 ft AN16 (1.5-2)-1 9/21/2020 2011104	AN16-SS114 0 - 0.5 ft AN16-SS114-08031 8/3/2011 SB32768	AN16-SS114 0 - 0.25 ft AN16SS114 0-3 8/31/2011 SB34491	AN17-SB481 12 - 13 ft AN17-SB481 (12-13)712 7/12/2012 SB52747	AN17-SB481 4 - 5 ft AN17-SB481 (4-5)7121 7/12/2012 SB52747	AN17-SB481 7 - 8 ft AN17-SB481 (7-8)7121 7/12/2012 SB52747	AN17-SS115 0 - 0.5 ft AN17-SS115-08031 8/3/2011 SB32768
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg		500	2500	NE	500	NS	NS	NS	NS	NS	284	NS	NS	NS	NS	NS	NS	NS	< 37.9 U
Total Petroleum Hydrocarbons	mg/kg		500	2500	NE	500	NS	NS	NS	NS	NS	284	NS	NS	NS	NS	NS	NS	NS	< 37.9 U
Unidentified	mg/kg		NE	NE	NE	NE	NS	NS	NS	NS	NS	284	NS	NS	NS	NS	NS	NS	NS	< 37.9 U
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l		NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																				
1,1,1-Trichloroethane	ug/kg		4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg		NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	< 83.9 UJ	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg		3100	31000	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg		20	200	NE	6700	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	131	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg		12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg		1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg		8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg		14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg		20	200	NE	21000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg		NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	< 168 U	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg		10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 UJ	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	1110	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	< 168 U	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg		7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	88.9	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	< 83.9 UJ	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	734	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg		100	1000	NE	12000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg		20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg		19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	< 168 U	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg		100	1000	NE	56000	NS	NS	NS	NS	NS	NS	< 83.9 U	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg		40	400	NE	320	NS	NS	NS	NS	NS	NS	< 83.9 UJ	NS	NS	NS	NS	NS	NS	NS
VOCs-SPLP																				
Total VOC-SPLP	ug/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg		200	1000	NE	21000	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	< 236 U
2-Methylnaphthalene	ug/kg		560	5600	NE	270000	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	< 236 U
Acenaphthene	ug/kg		8400	84000	NE	1000000	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	< 236 U
Acenaphthylene	ug/kg		8400	84000	NE	1000000	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	< 236 U
Anthracene	ug/kg		40000	400000	NE	1000000	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	< 236 U
Benzo(a)anthracene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	258
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	265
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	250
Benzo(g,h,i)perylene	ug/kg		1000	1000	NE	8400	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	< 236 U
Benzo(k)fluoranthene	ug/kg		1000	1000	NE	8400	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	< 236 U
Bis(2-ethylhexyl)phthalate	ug/kg		1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg		1000	1000	NE	84000	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	258
Dibenzo(a,h)anthracene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	< 236 U
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	516
Fluorene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	< 236 U
Indeno(1,2,3-cd)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	< 236 U
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	< 236 U
Phenanthrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	236
Pyrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	< 1160 U	NS	NS	NS	NS	NS	NS	NS	429
SVOCs-SPLP																				

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AN13-SB437 11.5 - 12.5 ft SB437(11.5-12.5)07 7/6/2012 SB52371	AN14.5 1 - 1.5 ft AN14.5 (1-1.5)-1 9/18/2020 2011050	AN14.5 2 - 4 ft AN14.5 (2-4)-1 9/18/2020 2011050	AN14.5 4 - 5 ft AN14.5 (4-5)-1 9/18/2020 2011050	AN15-SB438 11.5 - 12.5 ft SB438(11.5-12.5)07 7/6/2012 SB52371	AN15-SB438 3 - 4 ft 15-SB438(3-4)0706 7/6/2012 SB52371	AN15-SB438 5.3 - 5.6 ft SB438(5.3-5.6)070 7/6/2012 SB52371	AN16 1.5 - 2 ft AN16 (1.5-2)-1 9/21/2020 2011104	AN16-SS114 0 - 0.5 ft AN16-SS114-08031 8/3/2011 SB32768	AN16-SS114 0 - 0.25 ft AN16SS114 0-3 8/31/2011 SB34491	AN17-SB481 12 - 13 ft 7-SB481 (12-13)712 7/12/2012 SB52747	AN17-SB481 4 - 5 ft 17-SB481 (4-5)7121 7/12/2012 SB52747	AN17-SB481 7 - 8 ft 17-SB481 (7-8)7121 7/12/2012 SB52747	AN17-SS115 0 - 0.5 ft AN17-SS115-08031 8/3/2011 SB32768
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 5.42 UJ	NS	NS	NS	< 9.27 UJ	< 6.63 UJ	< 5.50 UJ	NS	NS	NS	< 10.7 UJ	< 5.68 UJ	< 6.21 UJ	NS
Arsenic	mg/kg	NE	NE	NE	10	< 1.63 U	NS	NS	NS	< 2.78 U	6.79	< 1.65 U	NS	NS	NS	< 6.39 U	6.35	12.8	NS
Barium	mg/kg	NE	NE	NE	4700	72.7	NS	NS	NS	129	632	< 2.75 U	NS	NS	NS	184	229	86.5	193
Beryllium	mg/kg	NE	NE	NE	2	< 0.542 U	NS	NS	NS	< 0.927 U	< 0.663 U	< 2.75 U	NS	NS	NS	< 1.07 U	0.640	0.932	NS
Cadmium	mg/kg	NE	NE	NE	34	< 0.542 U	NS	NS	NS	< 0.927 U	3.15	0.599	NS	NS	NS	1.17	< 0.568 U	< 0.621 U	NS
Chromium	mg/kg	NE	NE	NE	NE	16.7 J	NS	NS	NS	42.9 J	35.6 J	31.5 J	NS	NS	NS	32.2	24.2	44.5	NS
Copper	mg/kg	NE	NE	NE	2500	2.88	NS	NS	NS	21.6	560	81.0	NS	NS	NS	27.5	26.8	40.6	NS
Lead	mg/kg	NE	NE	NE	400	3.15 J	20	550	150	7.34 J	1510 J	222 J	47	NS	NS	6.03 J	44.4 J	73.9 J	NS
Mercury	mg/kg	NE	NE	NE	20	< 0.0326 U	NS	NS	NS	< 0.0514 U	0.541 J+	0.158 J+	NS	NS	NS	0.0859	0.167	0.242	NS
Nickel	mg/kg	NE	NE	NE	1400	8.62	NS	NS	NS	35.9	112	32.8	NS	NS	NS	21.5 J	13.9 J	23.8 J	NS
Selenium	mg/kg	NE	NE	NE	340	< 1.63 U	NS	NS	NS	< 2.78 U	< 1.99 U	< 1.65 U	NS	NS	NS	< 3.20 U	< 1.71 U	< 1.86 U	NS
Silver	mg/kg	NE	NE	NE	340	< 1.63 UJ	NS	NS	NS	< 2.78 UJ	< 1.99 UJ	< 1.65 UJ	NS	NS	NS	< 3.20 U	< 1.71 U	< 1.86 U	NS
Thallium	mg/kg	NE	NE	NE	5.4	< 3.25 U	NS	NS	NS	< 5.56 U	< 3.98 U	< 3.30 U	NS	NS	NS	< 6.39 U	< 3.41 U	< 3.73 U	NS
Vanadium	mg/kg	NE	NE	NE	470	16.0 J	NS	NS	NS	42.3 J	403 J	131 J	NS	NS	NS	32.1	28.9	44.7	NS
Zinc	mg/kg	NE	NE	NE	20000	24.8 J	NS	NS	NS	98.7 J	1150 J	241 J	NS	NS	NS	59.9	55.3	103	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 23.3 U	< 450	540000	180000	< 37.3 U	< 27.6 U	< 22.6 U	< 91	< 22.1 U	< 24.3	< 50.4 U	< 22.5 U	< 27.9 U	< 24.8 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	4170	2500	< 93000	< 22000	< 187 U	2580	1190	970	322	< 24.3	275	1070	2000	181
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 23.3 U	< 450	< 93000	< 22000	< 187 U	1900	834	< 91	< 22.1 U	< 24.3	< 50.4 U	< 22.5 U	< 27.9 U	< 24.8 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 23.3 U	< 450	< 93000	< 22000	< 37.3 U	176	38.5	< 91	< 22.1 U	< 24.3	< 50.4 U	74.4	124	< 24.8 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 23.3 U	< 450	< 93000	< 22000	< 37.3 U	< 27.6 U	< 22.6 U	< 91	< 22.1 U	< 24.3	< 50.4 U	< 22.5 U	< 27.9 U	< 24.8 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	4170	2500	540000	180000	< 187 U	4660	2060	970	322	< 24.3 U	275	1144.4	2124	181
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.59	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 5.99	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.59	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	7.51	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	59.0	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.59	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	8.60	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.59	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.59	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
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Blue = Detected above reporting limit
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 Green highlighted cells exceed the 2013 GB PMC
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 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Greenwich High School
10 Hillside Road
Greenwich, CT

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AN17-SS115 0 - 0.25 ft AN17SS115 0-3 8/31/2011 SB34491	AN18-SB129 0 - 1 ft AN18 SB129 0-1 8/10/2011 SB33308	AN18-SB129 1 - 2 ft AN18 SB129 1-2 8/10/2011 SB33308	AN18-SB129 12 - 13 ft AN18 SB129 12-13 8/10/2011 SB33308	AN18-SB129 2 - 3 ft AN18 SB129 2-3 8/10/2011 SB33308	AN18-SB129 6 - 7 ft AN18 SB129 6-7 8/10/2011 SB33308	AN19-SS117 0 - 0.5 ft AN19-SS117-08031 8/3/2011 SB32768	AN19-SS117 0 - 0.5 ft AN19-SS117-08051 8/3/2011 SB32945	AN19-SS117A 0 - 1 ft AN19-SS117A(0-1)_0629 6/25/2013 SB72106	AN19-SS117A 0 - 1 ft AN19-SS117A(0-1)_0629 6/25/2013 SB72106	AN22-SS269 0 - 0.25 ft AN22-SS269 (0-3) 8/22/2011 SB33952	AO16-SS294 0 - 0.25 ft D16SS294 0-3-0823 8/23/2011 SB34022	AO18-SS293 0 - 0.25 ft D18SS293 0-3-0823 8/23/2011 SB34022	AO19-SB489 13 - 14 ft SB489 (13-14)-071 7/13/2012 SB52798
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	134	NS	NS	57.2 J	NS	252	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	134	NS	NS	57.2 J	NS	252	NS	NS	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	134	NS	NS	57.2 J	NS	252	NS	NS	NS	NS	NS	NS
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	31000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	75	< 70	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	94	73	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	110	< 70	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	97	< 70	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 U	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 U	NS	NS	NS	NS	NS	NS
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 U	NS	NS	NS	NS	NS	NS
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 U	NS	NS	NS	NS	NS	NS
Anthracene	ug/kg	40000	400000	NE	1000000	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 U	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 U	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 U	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 U	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 U	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 U	NS	NS	NS	NS	NS	NS
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 UJ	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 U	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 U	NS	NS	NS	NS	NS	NS
Fluorene	ug/kg	5600	56000	NE	1000000	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 U	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 U	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 U	NS	NS	NS	NS	NS	NS
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 U	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	< 1760 U	NS	NS	NS	NS	< 417 U	NS	NS	NS	NS	NS	NS
SVOCs-SPLP																			
1-Methylnaphthalene	ug/l	NE	NE	50	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/l	NE	NE	280	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	ug/l	NE	NE	4200	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	ug/l	NE	NE	20000	NE	NS	NS												

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AN17-SS115 0 - 0.25 ft AN17SS115 0-3 8/31/2011 SB34491	AN18-SB129 0 - 1 ft AN18 SB129 0-1 8/10/2011 SB33308	AN18-SB129 1 - 2 ft AN18 SB129 1-2 8/10/2011 SB33308	AN18-SB129 12 - 13 ft AN18 SB129 12-13 8/10/2011 SB33308	AN18-SB129 2 - 3 ft AN18 SB129 2-3 8/10/2011 SB33308	AN18-SB129 6 - 7 ft AN18 SB129 6-7 8/10/2011 SB33308	AN19-SS117 0 - 0.5 ft AN19-SS117-08031 8/3/2011 SB32768	AN19-SS117 0 - 0.5 ft AN19-SS117-08051 8/5/2011 SB32945	AN19-SS117A 0 - 1 ft AN19-SS117A(0-1)_0629 6/25/2013 SB72106	AN19-SS117A 0 - 1 ft AN19-SS117A(0-1)_0629 6/25/2013 SB72106	AN22-SS269 0 - 0.25 ft AN22-SS269 (0-3) 8/22/2011 SB33952	AO16-SS294 0 - 0.25 ft D16SS294 0-3-0823 8/23/2011 SB34022	AO18-SS293 0 - 0.25 ft D18SS293 0-3-0823 8/23/2011 SB34022	AO19-SB489 13 - 14 ft SB489 (13-14)-071 7/13/2012 SB52798
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 14.8 UJ
Arsenic	mg/kg	NE	NE	NE	10	NS	NS	2.41	NS	NS	< 2.35 U	NS	4.69	NS	NS	5.31	NS	5.77	< 4.44 UJ
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	194
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.48 U
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	0.866	NS	NS	< 0.783 U	NS	< 0.33 U	NS	NS	NS	NS	NS	< 1.48 U
Chromium	mg/kg	NE	NE	NE	70.4	NS	NS	70.4	NS	NS	49.8	NS	25.0	NS	NS	NS	NS	NS	32.8
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	28.7 J
Lead	mg/kg	NE	NE	NE	400	NS	NS	14.1	NS	NS	14.7	NS	34.7	NS	NS	43.1	NS	55.2	6.59 J
Mercury	mg/kg	NE	NE	NE	20	NS	NS	< 0.0318 U	NS	NS	0.0617	NS	< 0.08 U	NS	NS	NS	NS	NS	< 0.0933 UJ
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	29.9 J
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 4.44 UJ
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 4.44 U
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 8.88 U
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	31.0
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	89.8
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 24.3	NS	< 20.7 U	< 53.4 U	NS	< 31.7 U	< 25.6 U	< 23.8 U	NS	NS	< 24.0 U	< 24.4 U	< 26.7 U	< 63.0 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	244	NS	< 20.7 U	< 53.4 U	NS	< 31.7 U	< 25.6 U	< 23.8 U	NS	NS	< 24.0 U	< 24.4 U	< 26.7 U	1510
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 24.3	NS	< 20.7 U	< 53.4 U	NS	< 31.7 U	< 25.6 U	< 23.8 U	NS	NS	< 24.0 U	< 24.4 U	< 26.7 U	< 63.0 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 24.3	NS	< 20.7 U	< 53.4 U	NS	< 31.7 U	< 25.6 U	< 23.8 U	NS	NS	< 24.0 U	< 24.4 U	< 26.7 U	< 63.0 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	34.1	NS	< 20.7 U	< 53.4 U	NS	< 31.7 U	< 25.6 U	< 23.8 U	NS	NS	< 24.0 U	< 24.4 U	< 26.7 U	< 63.0 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	278	NS	< 20.7 U	< 53.4 U	NS	< 31.7 U	< 25.6 U	< 23.8 U	NS	NS	< 24.0 U	< 24.4 U	< 26.7 U	1510
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	< 9.77	< 8.52 U	NS	NS	< 11.4 U	NS	NS	< 8.47 U	NS	NS	NS	NS	< 10.1 U	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	< 6.10	8.99	NS	NS	< 7.13 U	NS	NS	< 5.29 U	NS	NS	NS	NS	< 6.29 U	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	< 9.77	< 8.52 U	NS	NS	< 11.4 U	NS	NS	< 8.47 U	NS	NS	NS	NS	< 10.1 U	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	11.7	32.8 J	NS	NS	< 7.13 U	NS	NS	5.83 J	NS	NS	NS	NS	6.53 J	NS
Chlordane	ug/kg	NE	NE	NE	490	87.5	153	NS	NS	< 28.5 U	NS	NS	21.4	NS	NS	NS	NS	44.1	NS
Endrin	ug/kg	NE	NE	NE	20000	< 9.77	< 8.52 U	NS	NS	< 11.4 U	NS	NS	< 8.47 U	NS	NS	NS	NS	< 10.1 U	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	11.0	22.5 J	NS	NS	< 7.13 U	NS	NS	7.56	NS	NS	NS	NS	6.38	NS
Methoxychlor	ug/kg	800	8000	NE	340000	< 9.77	< 8.52 U	NS	NS	< 11.4 U	NS	NS	< 8.47 U	NS	NS	NS	NS	< 10.1 U	NS
Total DDx	ug/kg	3	20	NE	1800	< 9.77	8.99	NS	NS	< 7.13	NS	NS	< 8.47	NS	NS	NS	NS	< 6.29	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 8.54 U	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AO19-SB489 3 - 4 ft 9-SB489 (3-4)-0713 7/13/2012 SB52798	AO19-SB489 5 - 6 ft 9-SB489 (5-6)-0713 7/13/2012 SB52798	AO20-SS286 0 - 0.25 ft 20SS286 0-3-0823 8/23/2011 SB34022	AO21 1.5 - 2 ft AO21 (1.5-2)-1 9/21/2020 2011104	AO21-SB482 3 - 4 ft 1-SB482 (3-4)-0712 7/12/2012 SB52798	AO21-SB482 6 - 7 ft 1-SB482 (6-7)-0712 7/12/2012 SB52798	AO22-SS282 0 - 0.25 ft 22SS282 0-3-0823 8/23/2011 SB34022	AO24-SS270 0 - 0.25 ft AO24-SS270 (0-3) 8/22/2011 SB33952	AOC-6-2-BOT1 5 - 5 ft AOC-6-2-BOT1(5)-1 8/16/2013 SB75141	AOC-6-2-BOT2 5 - 5 ft AOC-6-2-BOT2(5)-1 8/16/2013 SB75141	AOC-6-2-ESW1 4 - 4 ft AOC-6-2-ESW1(4)-1 8/16/2013 SB75141	AOC-6-2-ESW2 4 - 4 ft AOC-6-2-ESW2(4)-1 8/16/2013 SB75141	AOC-6-2-NSW1 4 - 4 ft AOC-6-2-NSW1(4)-1 8/16/2013 SB75141	AOC-6-2-NSW2 4 - 4 ft AOC-6-2-NSW2(4)-1 8/16/2013 SB75141
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	43.6	NS	150	NS	958	NS							
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	43.6	NS	NS	NS	958	NS							
Unidentified	mg/kg	NE	NE	NE	NE	NS	43.6	NS	NS	NS	958	NS							
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	31000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	< 187 U	NS	NS	NS	< 2300 U	NS	NS	< 174	< 172	< 180	< 184	340	< 195
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	< 187 U	NS	< 190	NS	< 2300 U	NS	NS	< 174	< 172	< 180	< 184	< 188	< 195
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	< 187 U	NS	< 190	NS	< 2300 U	NS	NS	< 174	< 172	< 180	< 184	496	< 195
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	< 187 U	NS	< 190	NS	< 2300 U	NS	NS	< 174	< 172	< 180	< 184	< 188	< 195
Anthracene	ug/kg	40000	400000	NE	1000000	NS	< 187 U	NS	< 190	NS	< 2300 U	NS	NS	< 174	< 172	< 180	< 184	< 188	< 195
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	< 187 U	NS	< 190	NS	< 2300 U	NS	NS	< 174	< 172	< 180	< 184	199	< 195
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	< 187 U	NS	< 190	NS	< 2300 U	NS	NS	< 174	< 172	< 180	< 184	202	< 195
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	< 187 U	NS	< 190	NS	< 2300 U	NS	NS	< 174	< 172	< 180	< 184	195	< 195
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	< 187 U	NS	< 190	NS	< 2300 U	NS	NS	< 174	< 172	< 180	< 184	< 188	< 195
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	< 187 U	NS	< 190	NS	< 2300 U	NS	NS	< 174	< 172	< 180	< 184	< 188	< 195
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	< 174	< 172	< 180	< 184	< 188	< 195
Chrysene	ug/kg	1000	1000	NE	84000	NS	< 187 U	NS	< 190	NS	< 2300 U	NS	NS	< 174	< 172	< 180	< 184	209	< 195
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	< 187 U	NS	< 190	NS	< 2300 U	NS	NS	< 174	< 172	< 180	< 184	< 188	< 195
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	< 187 U	NS	< 190	NS	< 2300 U	NS	NS	< 174	< 172	< 180	< 184	356	268
Fluorene	ug/kg	5600	56000	NE	1000000	NS	< 187 U	NS	< 190	NS	< 2300 U	NS	NS	< 174	< 172	< 180	< 184	< 188	< 195
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	< 187 U	NS	< 190	NS	< 2300 U	NS	NS	< 174	< 172	< 180	< 184	< 188	< 195
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	< 187 U	NS	< 190	NS	< 2300 U	NS	NS	< 174	< 172	< 180	< 184	< 188	< 195
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	< 187 U	NS	< 190	NS	< 2300 U	NS	NS	< 174	< 172	< 180	< 184	276	203
Pyrene	ug/kg	4000	40000	NE	1000000	NS	< 187 U	NS	290	NS	< 2300 U	NS	NS	< 174	< 172	< 180	<		

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AO19-SB489 3 - 4 ft 9-SB489 (3-4)-0713 7/13/2012 SB52798	AO19-SB489 5 - 6 ft 9-SB489 (5-6)-0713 7/13/2012 SB52798	AO20-SS286 0 - 0.25 ft 20SS286 0-3-0823 8/23/2011 SB34022	AO21 1.5 - 2 ft AO21 (1.5-2)-1 9/21/2020 2011104	AO21-SB482 3 - 4 ft 1-SB482 (3-4)-0712 7/12/2012 SB52798	AO21-SB482 6 - 7 ft 1-SB482 (6-7)-0712 7/12/2012 SB52798	AO22-SS282 0 - 0.25 ft 22SS282 0-3-0823 8/23/2011 SB34022	AO24-SS270 0 - 0.25 ft AO24-SS270 (0-3) 8/22/2011 SB33952	AOC-6-2-BOT1 5 - 5 ft AOC-6-2-BOT1(5)-1 8/16/2013 SB75141	AOC-6-2-BOT2 5 - 5 ft AOC-6-2-BOT2(5)-1 8/16/2013 SB75141	AOC-6-2-ESW1 4 - 4 ft AOC-6-2-ESW1(4)-1 8/16/2013 SB75141	AOC-6-2-ESW2 4 - 4 ft AOC-6-2-ESW2(4)-1 8/16/2013 SB75141	AOC-6-2-NSW1 4 - 4 ft AOC-6-2-NSW1(4)-1 8/16/2013 SB75141	AOC-6-2-NSW2 4 - 4 ft AOC-6-2-NSW2(4)-1 8/16/2013 SB75141
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 5.48 UJ	< 5.52 UJ	NS	NS	< 5.24 UJ	< 31.3 UJ	NS							
Arsenic	mg/kg	NE	NE	NE	10	3.65 J-	3.30 J-	NS	NS	< 3.14 UJ	< 18.8 UJ	NS							
Barium	mg/kg	NE	NE	NE	4700	97.4	84.5	NS	NS	70.2	779	NS							
Beryllium	mg/kg	NE	NE	NE	2	0.660	< 0.552 U	NS	NS	0.572	< 0.627 U	NS							
Cadmium	mg/kg	NE	NE	NE	34	< 0.548 U	0.992	NS	NS	< 0.524 U	6.95	NS							
Chromium	mg/kg	NE	NE	NE	NE	41.0	20.9	NS	NS	20.0	69.4	NS							
Copper	mg/kg	NE	NE	NE	2500	20.1 J	30.6 J	NS	NS	18.4 J	375 J	NS							
Lead	mg/kg	NE	NE	NE	400	26.0 J	43.3 J	NS	NS	14.5 J	1760 J	NS							
Mercury	mg/kg	NE	NE	NE	20	0.0407 J	0.0597 J	NS	NS	< 0.0338 UJ	1.09 J	NS							
Nickel	mg/kg	NE	NE	NE	1400	29.0 J	20.0 J	NS	NS	11.7 J	78.8 J	NS							
Selenium	mg/kg	NE	NE	NE	340	< 1.64 UJ	< 1.66 UJ	NS	NS	< 1.57 UJ	< 9.40 UJ	NS							
Silver	mg/kg	NE	NE	NE	340	< 1.64 U	< 1.66 U	NS	NS	< 1.57 U	< 1.88 U	NS							
Thallium	mg/kg	NE	NE	NE	5.4	< 3.29 U	< 3.31 U	NS	NS	< 3.14 U	< 3.76 U	NS							
Vanadium	mg/kg	NE	NE	NE	470	35.1	39.7	NS	NS	23.4	135	NS							
Zinc	mg/kg	NE	NE	NE	20000	71.5	70.0	NS	NS	38.9	2930	NS							
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 22.4 U	< 20.4 U	< 23.9 U	< 85	< 20.9 U	< 2770 U	< 24.2 U	< 23.3 U	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/kg	NE	NE	NE	NE	138	85600	< 23.9 U	< 85	548	< 2770 U	< 24.2 U	< 23.3 U	NS	NS	NS	NS	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 22.4 U	< 20.4 U	< 23.9 U	< 85	< 20.9 U	< 2770 U	< 24.2 U	< 23.3 U	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 22.4 U	1510	< 23.9 U	< 85	< 20.9 U	16200	< 24.2 U	< 23.3 U	NS	NS	NS	NS	NS	NS
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 22.4 U	< 20.4 U	< 23.9 U	< 85	< 20.9 U	< 2770 U	< 24.2 U	< 23.3 U	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	138	87110	< 23.9 U	< 85	548	16200	< 24.2 U	< 23.3 U	NS	NS	NS	NS	NS	NS
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	< 10.0 U	NS	NS	NS	< 9.87 U	< 9.16 U	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	< 6.25 U	NS	NS	NS	< 6.17 U	< 5.72 U	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	< 10.0 U	NS	NS	NS	< 9.87 U	< 9.16 U	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	12.5 J	NS	NS	NS	6.31 J	6.85	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	93.3	NS	NS	NS	45.8	31.8	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	< 10.0 U	NS	NS	NS	< 9.87 U	< 9.16 U	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	12.8 J	NS	NS	NS	< 6.17 U	< 5.72 U	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	< 10.0 U	NS	NS	NS	< 9.87 U	< 9.16 U	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	< 6.25	NS	NS	NS	< 9.87	< 9.16	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
This is a summary table. Only detected analytes are shown.
<0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
Yellow highlighted cells exceed the 2013 GA PMC
Green highlighted cells exceed the 2013 GB PMC
Blue highlighted cells exceed the 2013 RES DEC
RES DEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
GWPC = Groundwater Protection Criteria
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
NE = Criteria has not been established
NS = Not sampled for this constituent
ug/kg = micrograms per kilogram
ug/l = micrograms per liter
mg/kg = milligrams per kilogram
U = The analyte was not detected above the detection limit
J+ = Result may be biased high
J- = Result may be biased low
J = Result is considered estimated
UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AOC-6-2-SSW1 4 - 4 ft 8/16/2013 SB75141	AOC-6-2-SSW2 4 - 4 ft 8/16/2013 SB75141	AOC-6-2-WSW1 4 - 4 ft 8/16/2013 SB75141	AOC-6-2-WSW2 4 - 4 ft 8/16/2013 SB75141	AP11-SB277 0 - 1 ft 12/29/2011 SB41766	AP11-SB277 2.5 - 4 ft 12/29/2011 SB41766	AP11-SB277 4 - 5 ft 12/29/2011 SB41766	AP14-SB435 11.5 - 12.5 ft 7/5/2012 SB52371	AP14-SB435 2.5 - 3 ft 7/5/2012 SB52371	AP14-SB435 5 - 6 ft 7/5/2012 SB52371	AP16-SB269 0 - 1 ft 12/28/2011 SB41712	AP16-SB269 4 - 5 ft 12/28/2011 SB41712	AP16-SB269 5 - 6 ft 12/28/2011 SB41712	AP17-SB478 12 - 13 ft 7/12/2012 SB52747	
Metals																					
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS	NS	< 5.34 UJ	< 6.58 UJ	< 6.17 UJ	< 5.32 UJ	< 5.92 UJ	NS	< 5.24 UJ	< 6.59 UJ	< 8.75 UJ		
Arsenic	mg/kg	NE	NE	NE	10	NS	NS	NS	NS	NS	2.29	3.02	< 1.85 U	< 7.97 U	< 1.78 U	NS	2.38 J	2.01 J	< 5.25 U		
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	NS	135 J	166 J	228	190	147	NS	78.7 J	194 J	202		
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	NS	1.07	0.926	0.951	0.646	< 2.96 U	NS	< 0.524 U	1.14	< 0.875 U		
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	NS	NS	NS	0.960	< 0.658 U	< 0.617 U	< 0.532 U	< 0.592 U	NS	0.906 J	1.17 J	0.954		
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	40.1 J	47.1 J	42.4 J	33.4 J	35.0 J	NS	15.5 J	56.6 J	41.9		
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	NS	51.5 J	3.98 J	13.7	31.7	21.1	NS	20.0 J	4.52 J	20.4		
Lead	mg/kg	NE	NE	NE	400	NS	NS	NS	NS	NS	11.2	5.69	7.47 J	80.3 J	26.3 J	NS	43.7 J	13.0 J	5.72 J		
Mercury	mg/kg	NE	NE	NE	20	NS	NS	NS	NS	NS	< 0.0302 UJ	0.0649 J	0.0772 J+	0.0356 J+	0.0525 J+	NS	< 0.953 U	< 1.34 U	0.0568		
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	31.2 J	16.4 J	27.6	24.7	15.4	NS	11.0 J	25.7 J	22.5 J		
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	< 1.60 U	< 1.97 U	< 1.85 U	< 1.59 U	< 1.78 U	NS	< 1.57 U	< 1.98 U	< 2.63 U		
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	< 1.60 U	< 1.97 U	< 1.85 UJ	< 1.59 UJ	< 1.78 UJ	NS	< 1.57 UJ	< 1.98 UJ	< 2.63 U		
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS	NS	< 3.20 U	< 3.95 U	< 3.70 U	< 3.19 U	< 3.55 U	NS	< 3.14 U	< 3.95 U	< 5.25 U		
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	NS	45.1	31.9	31.8 J	106 J	38.4 J	NS	22.8 J	42.6 J	38.1		
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	58.3 JEB	30.7 JEB	63.7 J	112 J	56.5 J	NS	63.8 J	72.8 J	88.0		
Metals-SPLP																					
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 4.0 U	NS	
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	52.2	NS	
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2.5 U	NS	
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	15.3	NS	
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS	
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6.0	NS	
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	25.2	NS	
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Cyanide																					
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	< 1.06 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	
PCBs																					
Aroclor 1242	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 21.2 U	< 29.8 U	< 27.8 U	< 2150 U	< 24.6 U	NS	< 20.5 U	< 26.6 U	< 37.3 U		
Aroclor 1248	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	336	< 29.8 U	267	321000	525	NS	6170	< 26.6 U	105		
Aroclor 1254	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 21.2 U	< 29.8 U	< 27.8 U	< 2150 U	< 24.6 U	NS	< 20.5 U	< 26.6 U	< 37.3 U		
Aroclor 1260	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 21.2 U	< 29.8 U	< 27.8 U	6990	< 24.6 U	NS	247	< 26.6 U	< 37.3 U		
Aroclor 1262	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 21.2 U	< 29.8 U	< 27.8 U	< 2150 U	< 24.6 U	NS	< 20.5 U	< 26.6 U	< 37.3 U		
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	NS	NS	NS	NS	NS	336	< 29.8 U	267	328000	525	NS	6417	< 26.6 U	105		
PCBs-SPLP																					
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.211 U	NS	
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.35	NS	
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.211 U	NS	
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.35	NS	
Pesticides																					
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 9.53 U	NS	NS	NS	NS	NS	< 8.99 U	NS	NS	NS	
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 5.95 U	NS	NS	NS	NS	NS	< 5.62 U	NS	NS	NS	
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	< 9.53 U	NS	NS	NS	NS	NS	< 8.99 U	NS	NS	NS	
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 5.95 U	NS	NS	NS	NS	NS	< 5.62 U	NS	NS	NS	
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	< 23.8 U	NS	NS	NS	NS	NS	< 22.5 U	NS	NS	NS	
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	< 9.53 U	NS	NS	NS	NS	NS	< 8.99 UJ	NS	NS	NS	
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 5.95 U	NS	NS	NS	NS	NS	< 5.62 U	NS	NS	NS	
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	< 9.53 U	NS	NS	NS	NS	NS	< 8.99 U	NS	NS	NS	
Total DDX	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	< 9.53	NS	NS	NS	NS	NS	< 8.99	NS	NS	NS	
Pesticides-SPLP																					
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Herbicides																					
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 7.95 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AP17-SB478 3 - 4 ft 7/12/2012 SB52747	AP17-SB478 6 - 7 ft 7/12/2012 SB52747	AP19-SS290 0 - 0.25 ft 8/23/2011 SB34022	AP23-SS281 0 - 0.25 ft 8/23/2011 SB34022	AQ17-SS296 0 - 0.25 ft 8/23/2011 SB34022	AQ18-SS144 0 - 0.5 ft 8/5/2011 SB32945	AQ18-SS144A 0 - 1 ft 6/25/2013 SB72106	AQ19-SB490 10 - 11 ft 7/13/2012 SB52798	AQ19-SB490 2.3 - 3 ft 7/13/2012 SB52798	AQ19-SB490 7 - 8 ft 7/13/2012 SB52798	AQ20-SS287 0 - 0.25 ft 8/23/2011 SB34022	AQ21-SB268 0 - 1 ft 12/28/2011 SB41712	AQ21-SB268 0 - 1 ft 12/28/2011 SB41712	AQ21-SB268 3 - 4 ft 12/28/2011 SB41712
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	< 29.3 U	NS	NS	NS	NS	15.0	NS	NS	NS	NS	< 38.0 U	NS	NS	< 14.6 U
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	< 29.3 U	NS	NS	NS	NS	15.0	NS	NS	NS	NS	< 38.0 U	NS	NS	< 14.6 U
Unidentified	mg/kg	NE	NE	NE	NE	NS	< 29.3 U	NS	NS	NS	NS	15.0	NS	NS	NS	NS	< 38.0 U	NS	NS	< 14.6 U
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																				
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	31000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs-SPLP																				
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	< 73	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	< 73	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	< 73	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	< 73	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	< 182 UJ	NS	NS	NS	NS	< 356 U	NS	NS	NS	NS	< 240 UJ	NS	NS	< 361 U
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	< 182 U	NS	NS	NS	NS	< 356 U	NS	NS	NS	NS	< 240 U	NS	NS	< 361 U
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	< 182 U	NS	NS	NS	NS	< 356 U	NS	NS	NS	NS	< 240 U	NS	NS	< 361 U
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	< 182 U	NS	NS	NS	NS	< 356 U	NS	NS	NS	NS	< 240 U	NS	NS	< 361 U
Anthracene	ug/kg	40000	400000	NE	1000000	NS	< 182 UJ	NS	NS	NS	NS	< 356 U	NS	NS	NS	NS	< 240 UJ	NS	NS	< 361 U
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	< 182 U	NS	NS	NS	NS	< 356 U	NS	NS	NS	NS	< 240 U	NS	NS	< 361 U
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	< 182 U	NS	NS	NS	NS	< 356 U	NS	NS	NS	NS	< 240 U	NS	NS	< 361 U
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	< 182 UJ	NS	NS	NS	NS	< 356 U	NS	NS	NS	NS	< 240 U	NS	NS	< 361 U
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	< 182 U	NS	NS	NS	NS	< 356 U	NS	NS	NS	NS	< 240 U	NS	NS	< 361 U
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	< 182 U	NS	NS	NS	NS	< 356 U	NS	NS	NS	NS	< 240 U	NS	NS	< 361 U
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	< 182 UJ	NS	NS	NS	NS	< 356 UJ	NS	NS	NS	NS	< 240 UJ	NS	NS	< 361 U
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	< 182 U	NS	NS	NS	NS	< 356 U	NS	NS	NS	NS	< 240 U	NS	NS	< 361 U
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	< 182 UJ	NS	NS	NS	NS	< 356 U	NS	NS	NS	NS	< 240 UJ	NS	NS	< 361 U
Fluorene	ug/kg	5600	56000	NE	1000000	NS	< 182 U	NS	NS	NS	NS	< 356 U	NS	NS	NS	NS	< 240 U	NS	NS	< 361 U
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	< 182 U	NS	NS	NS	NS	< 356 U	NS	NS	NS	NS	< 240 U	NS	NS	< 361 U
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	307 J	NS	NS	NS	NS	< 356 U	NS	NS	NS	NS	< 240 UJ	NS	NS	< 361 U
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	< 182 U	NS	NS	NS	NS	< 356 U	NS	NS	NS	NS	< 240 U	NS	NS	< 361 U
Pyrene	ug/kg	4000	40000	NE	1000000	NS	< 182 U	NS	NS	NS	NS	< 356 U	NS	NS	NS	NS	< 240 U	NS	NS	< 361 U
SVOCs-SPLP																				
1-Methylnaphthalene	ug/l																			

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AP17-SB478 3 - 4 ft 7/12/2012 SB52747	AP17-SB478 6 - 7 ft 7/12/2012 SB52747	AP19-SS290 0 - 0.25 ft 8/23/2011 SB34022	AP23-SS281 0 - 0.25 ft 8/23/2011 SB34022	AQ17-SS296 0 - 0.25 ft 8/23/2011 SB34022	AQ18-SS144 0 - 0.5 ft 8/5/2011 SB32945	AQ18-SS144A 0 - 1 ft 6/25/2013 SB72106	AQ19-SB490 10 - 11 ft 7/13/2012 SB52798	AQ19-SB490 2.3 - 3 ft 7/13/2012 SB52798	AQ19-SB490 7 - 8 ft 7/13/2012 SB52798	AQ20-SS287 0 - 0.25 ft 8/23/2011 SB34022	AQ21-SB268 0 - 1 ft 12/28/2011 SB41712	AQ21-SB268 0 - 1 ft 12/28/2011 SB41712	AQ21-SB268 3 - 4 ft 12/28/2011 SB41712
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 4.89 UJ	< 4.98 UJ	NS	NS	NS	NS	NS	< 6.13 UJ	< 5.30 UJ	< 6.56 UJ	NS	NS	NS	< 5.02 UJ
Arsenic	mg/kg	NE	NE	NE	10	6.51	2.55	NS	6.02	1.75	1.93	NS	< 1.84 UJ	< 1.59 UJ	< 3.94 UJ	5.17	NS	NS	2.93 J
Barium	mg/kg	NE	NE	NE	4700	121	54.7	NS	NS	NS	NS	NS	44.2	83.5	218	NS	NS	NS	64.2 J
Beryllium	mg/kg	NE	NE	NE	2	0.740	< 0.498 U	NS	NS	NS	NS	NS	< 0.613 U	0.560	0.976	NS	NS	NS	< 0.502 U
Cadmium	mg/kg	NE	NE	NE	34	< 0.489 U	< 0.498 U	NS	NS	NS	< 0.32 U	NS	< 0.613 U	< 0.530 U	< 0.656 U	NS	NS	NS	0.767 J
Chromium	mg/kg	NE	NE	NE	39.1	13.3	12.1	NS	NS	NS	NS	NS	7.57	19.7	48.7	NS	NS	NS	22.6 J
Copper	mg/kg	NE	NE	NE	2500	57.2	14.5	NS	NS	NS	NS	NS	2.13 J	17.9 J	4.30 J	NS	NS	NS	11.8 J
Lead	mg/kg	NE	NE	NE	400	25.7 J	15.0 J	NS	50.4	4.91	3.59	NS	3.16 J	17.0 J	6.63 J	42.3	NS	NS	14.6 J
Mercury	mg/kg	NE	NE	NE	20	0.0427	0.0427	NS	NS	NS	< 0.08 U	NS	< 0.0366 UJ	0.0357 J	0.0518 J	NS	NS	NS	< 0.975 U
Nickel	mg/kg	NE	NE	NE	1400	22.8 J	11.1 J	NS	NS	NS	NS	NS	4.13 J	11.9 J	20.5 J	NS	NS	NS	24.0 J
Selenium	mg/kg	NE	NE	NE	340	< 1.47 U	< 1.50 U	NS	NS	NS	NS	NS	< 1.84 UJ	< 1.59 UJ	< 1.97 UJ	NS	NS	NS	< 1.50 U
Silver	mg/kg	NE	NE	NE	340	< 1.47 U	< 1.50 U	NS	NS	NS	NS	NS	< 1.84 U	< 1.59 U	< 1.97 U	NS	NS	NS	< 1.50 UJ
Thallium	mg/kg	NE	NE	NE	5.4	< 2.94 U	< 2.99 U	NS	NS	NS	NS	NS	< 3.68 U	< 3.18 U	< 3.94 U	NS	NS	NS	< 3.01 U
Vanadium	mg/kg	NE	NE	NE	470	34.5	16.1	NS	NS	NS	NS	NS	5.71	22.0	32.7	NS	NS	NS	18.9 J
Zinc	mg/kg	NE	NE	NE	20000	52.8	28.0	NS	NS	NS	NS	NS	12.6	44.2	50.6	NS	NS	NS	33.3 J
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 22.1 U	< 20.9 U	< 24.7 U	< 23.5 U	< 20.8 U	< 20.1 U	NS	2240	< 21.5 U	< 27.9 U	< 24.6 U	NS	NS	< 21.1 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	818	645	< 24.7 U	121	< 20.8 U	< 20.1 U	NS	< 25.2 U	173	92.1	499	NS	NS	337
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 22.1 U	< 20.9 U	< 24.7 U	< 23.5 U	< 20.8 U	< 20.1 U	NS	< 25.2 U	< 21.5 U	< 27.9 U	< 24.6 U	NS	NS	< 21.1 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	78.6	39.7	< 24.7 U	< 23.5 U	< 20.8 U	< 20.1 U	NS	42.8	< 21.5 U	< 27.9 U	< 24.6 U	NS	NS	< 21.1 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 22.1 U	< 20.9 U	< 24.7 U	< 23.5 U	< 20.8 U	< 20.1 U	NS	< 25.2 U	< 21.5 U	< 27.9 U	< 24.6 U	NS	NS	< 21.1 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	897	684.7	< 24.7 U	121	< 20.8 U	< 20.1 U	NS	2282.8	173	92.1	499	NS	NS	337
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	< 9.95 U	NS	< 8.57 U	< 5.95 U	NS	NS	NS	NS	NS	NS	< 9.75 U	< 8.74 U
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	< 5.36 U	6.63	< 3.72 U	< 3.72 U	NS	NS	NS	NS	NS	NS	< 6.09 U	< 5.46 U
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	< 9.95 U	NS	< 8.57 U	< 5.95 U	NS	NS	NS	NS	NS	NS	< 9.75 U	< 8.74 U
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	6.63 J	NS	< 5.36 U	< 3.72 U	NS	NS	NS	NS	NS	NS	< 6.09 U	< 5.46 U
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	48.8	NS	< 21.4 U	< 14.9 U	NS	NS	NS	NS	NS	NS	< 24.4 U	< 21.9 U
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	< 9.95 U	NS	< 8.57 U	< 5.95 U	NS	NS	NS	NS	NS	NS	< 9.75 UJ	< 8.74 UJ
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	7.29	NS	< 5.36 U	< 3.72 U	NS	NS	NS	NS	NS	NS	< 6.09 U	< 5.46 U
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	< 9.95 U	NS	< 8.57 U	< 5.95 U	NS	NS	NS	NS	NS	NS	< 9.75 U	< 8.74 U
Total DDX	ug/kg	3	20	NE	1800	NS	NS	6.63	NS	< 8.57	< 5.95	NS	NS	NS	NS	NS	NS	< 9.75	< 8.74
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 7.11 U	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AQ22-SS283 0 - 0.25 ft 8/23/2011 SB34022	AR14-SB434 11.5 - 12.5 ft 7/5/2012 SB52304	AR14-SB434 2 - 3 ft 7/5/2012 SB52304	AR14-SB434 5 - 6 ft 7/5/2012 SB52304	AR16-SB479 1.5 - 2 ft 7/12/2012 SB52747	AR16-SB479 14 - 15 ft 7/12/2012 SB52747	AR16-SB479 14 - 15 ft 7/12/2012 SB52747	AR18-SS291 0 - 0.25 ft 8/23/2011 SB34022	AR20-SS288 0 - 0.25 ft 8/23/2011 SB34022	AR21-SB144 1 - 2 ft 8/10/2011 SB33308	AR21-SB144 10 - 11 ft 8/10/2011 SB33308	AR21-SB144 16 - 17 ft 8/10/2011 SB33308	AR21-SB144 2 - 3 ft 8/10/2011 SB33308	AR21-SB144 5 - 6 ft 8/10/2011 SB33308
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	< 7.42 UJ	< 5.65 UJ	< 5.91 UJ	< 4.93 UJ	< 5.20 UJ	< 6.45 UJ	NS	NS	NS	NS	NS	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	NS	3.25	4.48	< 1.77 U	< 7.39 U	< 1.56 U	< 3.87 U	NS	NS	NS	NS	NS	NS	NS
Barium	mg/kg	NE	NE	NE	4700	NS	151	104	194	124	60.5 J	164 J	NS	NS	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	< 0.742 U	0.592	< 0.591 U	0.678	< 0.520 U	0.688	NS	NS	NS	NS	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	< 0.742 U	< 0.565 U	< 0.591 U	< 0.493 U	< 0.520 U	< 0.645 U	NS	NS	NS	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	30.6 J-	34.1 J-	35.4 J-	41.2	12.4 J	31.4 J	NS	NS	NS	NS	NS	NS	NS
Copper	mg/kg	NE	NE	NE	2500	NS	16.0 J	23.1 J	6.79 J	31.0	3.78 J	10.5 J	NS	NS	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	NE	400	NS	4.81	38.7	3.50	36.1 J	1.94 J	4.06 J	NS	NS	NS	NS	NS	NS	NS
Mercury	mg/kg	NE	NE	NE	20	NS	< 0.0493 UJ	0.133 J	< 0.0359 UJ	0.0919	< 0.0335 U	< 0.0396 U	NS	NS	NS	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	22.3 J	21.7 J	14.6 J	29.5 J	6.21 J	15.3 J	NS	NS	NS	NS	NS	NS	NS
Selenium	mg/kg	NE	NE	NE	340	NS	< 2.22 U	< 1.69 U	< 1.77 U	< 1.48 U	< 1.56 U	< 1.93 U	NS	NS	NS	NS	NS	NS	NS
Silver	mg/kg	NE	NE	NE	340	NS	< 2.22 U	< 1.69 U	< 1.77 U	< 1.48 U	< 1.56 U	< 1.93 U	NS	NS	NS	NS	NS	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	< 4.45 U	< 3.39 U	< 3.55 U	< 2.96 U	< 3.12 U	< 3.87 U	NS	NS	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	31.2 J	30.9 J	27.5 J	34.0	10.1 J	25.0 J	NS	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	65.4 J	60.9 J	38.9 J	51.1	15.4 J	33.4 J	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 25.3 U	< 66.5 U	< 22.7 U	< 26.2 U	173	137 J	258 J	< 21.7 U	< 24.2 U	< 25.2 U	< 23.1 U	< 22.9 U	< 23.2 U	< 22.9 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 25.3 U	< 66.5 U	454	39.3	< 20.8 U	< 23.2 U	< 26.1 U	< 21.7 U	< 24.2 U	< 25.2 U	< 23.1 U	< 22.9 U	< 23.2 U	370
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 25.3 U	< 33.2 U	< 22.7 U	< 26.2 U	< 20.8 U	< 23.2 U	< 26.1 U	< 21.7 U	< 24.2 U	< 25.2 U	< 23.1 U	< 22.9 U	< 23.2 U	< 22.9 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 25.3 U	< 33.2 U	< 22.7 U	< 26.2 U	< 20.8 U	< 23.2 U	< 26.1 U	< 21.7 U	< 24.2 U	< 25.2 U	< 23.1 U	< 22.9 U	< 23.2 U	< 22.9 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 25.3 U	< 33.2 U	< 22.7 U	< 26.2 U	< 20.8 U	< 23.2 U	< 26.1 U	< 21.7 U	< 24.2 U	< 25.2 U	< 23.1 U	< 22.9 U	< 23.2 U	< 22.9 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 25.3 U	< 66.5 U	454	39.3	173	137	258	< 21.7 U	< 24.2 U	< 25.2 U	< 23.1 U	< 22.9 U	< 23.2 U	370
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	< 10.6 U	NS	NS	NS	NS	NS	NS	< 8.65 U	< 9.72 U	< 10.2 U	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	< 6.60 U	NS	NS	NS	NS	NS	NS	< 5.41 U	< 6.07 U	< 6.37 U	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	< 10.6 U	NS	NS	NS	NS	NS	NS	< 8.65 U	< 9.72 U	< 10.2 U	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	< 6.60 U	NS	NS	NS	NS	NS	NS	< 5.41 U	< 6.07 U	14.0 J	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	< 26.4 U	NS	NS	NS	NS	NS	NS	< 21.6 U	< 24.3 U	60.5	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	< 10.6 U	NS	NS	NS	NS	NS	NS	< 8.65 U	< 9.72 U	< 10.2 U	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	< 6.60 U	NS	NS	NS	NS	NS	NS	< 5.41 U	< 6.07 U	11.5 J	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	< 10.6 U	NS	NS	NS	NS	NS	NS	< 8.65 U	< 9.72 U	< 10.2 U	NS	NS	NS	NS
Total DDX	ug/kg	3	20	NE	1800	< 6.60	NS	NS	NS	NS	NS	NS	< 8.65	< 9.72	< 6.37	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
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**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AR21-SB144 6 - 7 ft AR21 SB144 6-7 8/10/2011 SB33308	AR22-SB484 14 - 15 ft -SB484 (14-15)-0712 7/12/2012 SB52798	AR22-SB484 3 - 4 ft 2-SB484 (3-4)-0712 7/12/2012 SB52798	AR22-SB484 6 - 7 ft 2-SB484 (6-7)-0712 7/12/2012 SB52798	AS-1 Base1 0 - 0.5 ft 1-BASE1-07152014-1 7/15/2014 SB92820	AS-1 Base2 0 - 0.5 ft 1-BASE2-07152014-1 7/15/2014 SB92820	AS-1 SW2 0 - 0.5 ft S-1 SW2-07152014-1 7/15/2014 SB92820	AS17-SS297 0 - 0.25 ft DUPLICATE-20-0823-1 8/23/2011 SB34022	AS17-SS297 0 - 0.25 ft AS17SS297 0-3 8/23/2011 SB34022	AS-1B 0 - 0.5 ft AS-1, B-04162014-1 4/16/2014 SB87793	AS-1H 0 - 0.5 ft AS-1, H-04162014-1 4/16/2014 SB87793	AS-1N 0 - 0.5 ft AS-1N-06232014-1 6/23/2014 SB91699	AT17-SS133 0 - 0.5 ft AT17-SS133-080311 8/3/2011 SB32768	AT17-SS133 0 - 0.5 ft AT17 SS133 0-3 8/11/2011 SB33302
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	< 5.10 UJ	< 5.08 UJ	< 6.46 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	< 1.58 U	< 1.53 UJ	< 7.62 UJ	< 9.69 UJ	3.71	11.5	3.11	NS	5.22	13.8	7.54	7.04	NS	NS
Barium	mg/kg	NE	NE	NE	4700	NS	214	112	127	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	0.705	0.881	0.687	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	< 0.525 U	0.711	0.618	0.671	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	13.1	26.7	65.9	48.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	mg/kg	NE	NE	NE	2500	NS	8.56 J	15.3 J	25.4 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	NE	400	13.9	6.05 J	21.1 J	57.0 J	NS	NS	NS	NS	34.3	NS	NS	NS	NS	NS
Mercury	mg/kg	NE	NE	NE	20	< 0.0321 U	< 0.0329 UJ	0.161 J	0.152 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	29.0 J	37.3 J	26.6 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Selenium	mg/kg	NE	NE	NE	340	NS	< 1.53 UJ	< 1.52 UJ	< 1.94 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Silver	mg/kg	NE	NE	NE	340	NS	< 1.53 U	< 1.52 U	< 1.94 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	< 3.06 U	< 3.05 U	< 3.88 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	36.1	31.3	40.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	82.1	44.4	60.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 20.5 U	< 43.7 U	< 22.3 U	< 24.6 U	NS	NS	NS	< 22.8 U	< 22.7 U	NS	NS	NS	< 22.0 U	< 24.6 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	1410	< 43.7 U	230	< 24.6 U	NS	NS	NS	158	163	NS	NS	NS	167	75.1
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 20.5 U	< 21.9 U	< 22.3 U	< 24.6 U	NS	NS	NS	< 22.8 U	< 22.7 U	NS	NS	NS	< 22.0 U	< 24.6 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	27.6	< 21.9 U	< 22.3 U	< 24.6 U	NS	NS	NS	< 22.8 U	< 22.7 U	NS	NS	NS	< 22.0 U	< 24.6 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 20.5 U	< 21.9 U	< 22.3 U	< 24.6 U	NS	NS	NS	< 22.8 U	< 22.7 U	NS	NS	NS	< 22.0 U	< 24.6 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	1440	< 43.7 U	230	< 24.6 U	NS	NS	NS	158	163	NS	NS	NS	167	75.1
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 9.07 U	NS	NS	NS	NS	< 9.90 U
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 5.67 U	NS	NS	NS	NS	7.51
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	< 9.07 U	NS	NS	NS	NS	< 9.90 U
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	10.7 J	NS	NS	NS	NS	< 6.19 U
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	66.6	NS	NS	NS	NS	< 24.7 U
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	< 9.07 U	NS	NS	NS	NS	< 9.90 U
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	9.92 J	NS	NS	NS	NS	< 6.19 U
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	< 9.07 U	NS	NS	NS	NS	< 9.90 U
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	< 9.07	NS	NS	NS	NS	7.51
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AT19-SB900 7 - 8 ft AT19-SB900 (7-8) 12/30/2019 19L1151	AU18-SS167 0 - 0.25 ft AU18 SS167 0-3 8/11/2011 SB33302	AV17-SB250 0.5 - 1 ft AV17-SB250(0.5-1)- 12/29/2011 SB41766	AV17-SB250 10 - 11 ft AV17-SB250(10-11)- 12/29/2011 SB41766	AV17-SB250 13 - 14 ft AV17-SB250(13-14)- 12/29/2011 SB41766	AV17-SB250 3.5 - 4.5 ft AV17-SB250(3.5-4.5)- 12/29/2011 SB41766	AV17-SB250 5 - 7 ft AV17-SB250(5-7)-1 12/29/2011 SB41766	AV18-SS166 0 - 0.25 ft AV18 SS166 0-3 8/11/2011 SB33302	AW19-SB803 1 - 2 ft AW19-SB803 (1-2)- 11/13/2019 19K0759	AW19-SB803 12 - 13 ft AW19-SB803 (12-13)- 11/13/2019 19K0759	AW19-SB803 7 - 8 ft AW19-SB803 (7-8)- 11/13/2019 19K0759	AX21-SB800 1 - 2 ft AX21-SB800 (1-2)- 11/13/2019 19K0759	AX21-SB800 11 - 12 ft AX21-SB800 (11-12)- 11/14/2019 19K0845	AX21-SB800 11 - 12 ft AX21-SB800 (11-12)- 11/14/2019 19K0845
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS	< 5.07 UJ	< 4.63 UJ	< 5.75 UJ	NS	NS	NS	NS	NS	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	NS	4.92	NS	NS	< 1.52 U	3.42	6.52	NS	NS	NS	NS	NS	NS	NS
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	48.7 J	170 J	442 J	NS	NS	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	< 0.507 U	0.512	0.651	NS	NS	NS	NS	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	< 0.565 U	NS	NS	< 0.507 U	< 0.463 U	0.940	NS	NS	NS	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	11.0 J	38.3	14.4 J	NS	NS	NS	NS	NS	NS	NS
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	< 26.4 UJ	96.3 J-	270 J-	NS	NS	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	NE	400	28	47.8	NS	NS	3.02	28.6	48.3	NS	NS	NS	46	NS	NS	NS
Mercury	mg/kg	NE	NE	NE	20	NS	0.117	NS	NS	0.259 J	0.0736 J	0.179 J	NS	NS	NS	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	12.4 J	12.0 J	19.0 J	NS	NS	NS	NS	NS	NS	NS
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	< 1.52 U	< 1.39 U	< 1.73 U	NS	NS	NS	NS	NS	NS	NS
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	< 1.52 U	< 1.39 U	< 1.73 U	NS	NS	NS	NS	NS	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS	< 3.04 U	< 2.78 U	< 3.45 U	NS	NS	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	14.3	22.2	32.4	NS	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	< 96.4 UJ	< 88.0 UJ	242 JEB	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	< 2.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	120	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	< 1.19 UJ	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	NS	< 23.3 U	NS	< 22.5 U	< 21.5 U	< 22.0 U	< 24.0 U	< 22.6 U	< 94	< 88	< 93	< 91	< 85	< 87
Aroclor 1248	ug/kg	NE	NE	NE	NE	NS	80.5	NS	< 22.5 U	< 21.5 U	< 22.0 U	< 24.0 U	122	< 94	< 88	< 93	< 91	< 85	< 87
Aroclor 1254	ug/kg	NE	NE	NE	NE	NS	< 23.3 U	NS	< 22.5 U	< 21.5 U	< 22.0 U	< 24.0 U	< 22.6 U	< 94	< 88	< 93	< 91	< 85	< 87
Aroclor 1260	ug/kg	NE	NE	NE	NE	NS	< 23.3 U	NS	< 22.5 U	< 21.5 U	< 22.0 U	< 24.0 U	< 22.6 U	< 94	< 88	< 93	< 91	< 85	< 87
Aroclor 1262	ug/kg	NE	NE	NE	NE	NS	< 23.3 U	NS	< 22.5 U	< 21.5 U	< 22.0 U	< 24.0 U	< 22.6 U	< 94	< 88	< 93	< 91	< 85	< 87
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	NS	80.5	NS	< 22.5 U	< 21.5 U	< 22.0 U	< 24.0 U	122	< 94	< 88	< 93	< 91	< 85	< 87
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	< 9.31 U	NS	NS	NS	NS	< 9.69 U	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	14.9	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	< 9.31 U	NS	NS	NS	NS	22.8	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	6.51 J	NS	NS	NS	NS	16.3 J	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	43.0	NS	NS	NS	NS	66.6	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	< 9.31 U	NS	NS	NS	NS	< 9.69 U	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	6.24	NS	NS	NS	NS	8.71 J	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	< 9.31 U	NS	NS	NS	NS	< 9.69 U	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	7.59	NS	NS	NS	NS	37.7	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	< 7.66 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
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**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AX21-SB800 6.5 - 7.5 ft K21-SB800 (6.5-7.5) 11/14/2019 19K0845	AY20-SS164 0 - 0.25 ft AY20 SS164 0-3 8/11/2011 SB33302	CENTRAL-B3 0 - 0.25 ft ENTRAL-B3 (0-0.25) 4/6/2020 20D1046	CENTRAL-B3 1 - 1.5 ft ENTRAL-B3 (1-1.5) 9/22/2020 2011121	CENTRAL-B3 1.5 - 2 ft ENTRAL-B3 (1.5-2) 4/6/2020 20D0237	DET-1A 0 - 2 ft DET-1A-080515-1 8/5/2015 GBJ69768	DET-2B 0 - 2 ft DET-2B-080515-1 8/5/2015 GBJ69768	DET-3A 0 - 2 ft DET-3A-080515-1 8/5/2015 GBJ69768	DET-4A 0 - 2 ft DET-4A-080515-1 8/5/2015 GBJ69768	DET-5A 0 - 2 ft DET-5A-080515-1 8/5/2015 GBJ69768	DET-6A 0 - 2 ft DET-6A-080515-1 8/5/2015 GBJ69768	MB-03 0.5 - 1 ft MB-3(0.5-1)-1 8/9/2013 SB74753	MB-03 2 - 3 ft MB-3(2-3)-1 8/9/2013 SB74753	MB-04 0.5 - 1 ft MB-4(0.5-1)-1 8/9/2013 SB74753
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	128	NS	210	NS	< 280	< 52	< 52	< 50	< 52	80	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	128	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	128	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	3100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	NS	NS	< 200	NS	< 260	< 240	< 250	< 230	< 250	< 320	NS	NS	NS
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	< 200	NS	< 260	< 240	< 250	< 230	< 250	< 320	NS	NS	NS
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	< 200	NS	< 260	< 240	< 250	< 230	< 250	< 320	NS	NS	NS
Anthracene	ug/kg	40000	400000	NE	1000000	NS	NS	NS	< 200	NS	< 260	< 240	< 250	< 230	< 250	< 320	NS	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 200	NS	< 260	< 240	< 250	< 230	< 250	< 320	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 200	NS	< 260	< 240	< 250	< 230	< 250	< 320	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 200	NS	< 260	< 240	< 250	< 230	< 250	< 320	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	NS	< 200	NS	< 260	< 240	< 250	< 230	< 250	< 320	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	NS	< 200	NS	< 260	< 240	< 250	< 230	< 250	< 320	NS	NS	NS
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	NS	< 200	NS	< 260	< 240	< 250	< 230	< 250	< 320	NS	NS	NS
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 200	NS	< 260	< 240	< 250	< 230	< 250	< 320	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	< 200	NS	< 260	< 240	< 250	< 230	< 250	< 320	NS	NS	NS
Fluorene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	< 200	NS	< 260	< 240	< 250	< 230	< 250	< 320	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 200	NS	< 260	< 240	< 250	< 230	< 250	< 320	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	< 200	NS	< 260	< 240	< 250	< 230	< 250	< 320	NS	NS	NS
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	< 200	NS	< 260	< 240	< 250	< 230	< 250	< 320	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	< 200	NS	< 260	< 240	270	310	< 250	< 320	NS	NS	NS
SVOCs-SPLP																			
1-Methylnaphthalene	ug/l	NE	NE	50	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/l	NE	NE	280	NE	NS	NS	NS	NS										

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	AX21-SB800 6.5 - 7.5 ft K21-SB800 (6.5-7.5) 11/14/2019 19K0845	AY20-SS164 0 - 0.25 ft AY20 SS164 0-3 8/11/2011 SB33302	CENTRAL-B3 0 - 0.25 ft ENTRAL-B3 (0-0.25) 4/6/2020 20D1046	CENTRAL-B3 1 - 1.5 ft ENTRAL-B3 (1-1.5) 9/22/2020 2011121	CENTRAL-B3 1.5 - 2 ft ENTRAL-B3 (1.5-2) 4/6/2020 20D0237	DET-1A 0 - 2 ft DET-1A-080515-1 8/5/2015 GBJ69768	DET-2B 0 - 2 ft DET-2B-080515-1 8/5/2015 GBJ69768	DET-3A 0 - 2 ft DET-3A-080515-1 8/5/2015 GBJ69768	DET-4A 0 - 2 ft DET-4A-080515-1 8/5/2015 GBJ69768	DET-5A 0 - 2 ft DET-5A-080515-1 8/5/2015 GBJ69768	DET-6A 0 - 2 ft DET-6A-080515-1 8/5/2015 GBJ69768	MB-03 0.5 - 1 ft MB-3(0.5-1)-1 8/9/2013 SB74753	MB-03 2 - 3 ft MB-3(2-3)-1 8/9/2013 SB74753	MB-04 0.5 - 1 ft MB-4(0.5-1)-1 8/9/2013 SB74753
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	NS	NS	NS	NS	NS	6.5	5.8	7.5	9.6	6.6	7.2	4.56	4.02	2.20
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	NE	400	150	NS	NS	NS	NS	48.4	39.7	57.1	61.7	46.0	63.7	12.3	20.5	28.9
Mercury	mg/kg	NE	NE	NE	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	460	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 99	< 22.7 U	< 91	NS	< 89	< 380	< 350	< 350	< 340	< 350	< 460	< 19.7	< 202	< 21.2
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 99	< 22.7 U	< 91	NS	100	< 380	< 350	< 350	< 340	< 350	< 460	< 19.7	< 202	< 21.2
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 99	< 22.7 U	< 91	NS	< 89	< 380	< 350	< 350	< 340	< 350	< 460	< 19.7	< 202	< 21.2
Aroclor 1260	ug/kg	NE	NE	NE	NE	270	< 22.7 U	< 91	NS	< 89	< 380	< 350	< 350	< 340	< 350	< 460	< 19.7	< 20.2	< 21.2
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 99	< 22.7 U	< 91	NS	< 89	< 380	< 350	< 350	< 340	< 350	< 460	< 19.7	< 20.2	< 21.2
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	270	< 22.7 U	< 91	NS	100	< 380	< 350	< 350	< 340	< 350	< 460	< 19.7	< 20.2	< 21.2
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	< 9.87 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	< 9.87 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	6.91 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	52.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	< 9.87 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	11.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	< 9.87 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	10.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID						MB-04	MB-05	MB-05	MB-06	MB-06	MB-07	MB-07	MB-08	MB-08	MB-09	MB-09	MB-10	MB-10	MB-11	
Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	3 - 4 ft	0.5 - 1 ft	3 - 4 ft	0 - 0.5 ft	4 - 5 ft	0 - 0.5 ft	4 - 5 ft	0.5 - 1 ft	3 - 4 ft	0.5 - 1 ft	3 - 4 ft	0.5 - 1 ft	2 - 3 ft	0 - 0.5 ft	
Sample ID						MB-4(3-4)-1	MB-5(0.5-1)-1	MB-5(3-4)-1	MB-6(0-0.5)-1	MB-6(4-5)-1	MB-7(0-0.5)-1	MB-7(4-5)-1	MB-8(0.5-1)-1	MB-8(3-4)-1	MB-9(0.5-1)-1	MB-9(3-4)-1	MB-10(0.5-1)-1	MB-10(2-3)-1	MB-11(0-0.5)-1	
Sample Date						8/9/2013	8/9/2013	8/9/2013	8/9/2013	8/9/2013	8/9/2013	8/9/2013	8/9/2013	8/9/2013	8/9/2013	8/9/2013	8/9/2013	8/9/2013	8/9/2013	
SDG						SB74753	SB74753	SB74753	SB74753											
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	< 33.3	NS	NS	NS	NS	NS	NS	NS	< 29.5	NS	NS	NS	
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	< 33.3	NS	NS	NS	NS	NS	NS	NS	< 29.5	NS	NS	NS	
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	< 33.3	NS	NS	NS	NS	NS	NS	NS	< 29.5	NS	NS	NS	
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS											
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS											
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS											
VOCs																				
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS											
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS											
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS											
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS											
1,2-Dichlorobenzene	ug/kg	3100	3100	NE	500000	NS	NS	NS	NS											
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS											
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS											
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS											
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS											
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS											
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS											
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS											
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS											
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS											
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS											
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS											
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS											
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS											
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS											
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS											
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS											
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS											
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS											
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS											
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS											
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS											
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS											
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS											
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS											
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS											
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS											
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS											
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS											
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS											
VOCs-SPLP																				
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS											
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS											
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS											
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS											
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS											
SVOCs																				
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
Anthracene	ug/kg	40000	400000	NE	1000000	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS											
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
Fluorene	ug/kg	5600	56000	NE	1000000	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	< 209	NS	NS	NS	NS	NS	NS	NS	< 186	NS	NS	NS	
SVOCs-SPLP																				
1-Methylnaphthalene	ug/l	NE	NE	50	NE	NS	NS	NS	NS											
2-Methylnaphthalene	ug/l	NE	NE	280	NE	NS	NS	NS	NS											
Acenaphthene	ug/l	NE																		

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	MB-04 3 - 4 ft MB-4(3-4)-1 8/9/2013 SB74753	MB-05 0.5 - 1 ft MB-5(0.5-1)-1 8/9/2013 SB74753	MB-05 3 - 4 ft MB-5(3-4)-1 8/9/2013 SB74753	MB-06 0 - 0.5 ft MB-6(0-0.5)-1 8/9/2013 SB74753	MB-06 4 - 5 ft MB-6(4-5)-1 8/9/2013 SB74753	MB-07 0 - 0.5 ft MB-7(0-0.5)-1 8/9/2013 SB74753	MB-07 4 - 5 ft MB-7(4-5)-1 8/9/2013 SB74753	MB-08 0.5 - 1 ft MB-8(0.5-1)-1 8/9/2013 SB74753	MB-08 3 - 4 ft MB-8(3-4)-1 8/9/2013 SB74753	MB-09 0.5 - 1 ft MB-9(0.5-1)-1 8/9/2013 SB74753	MB-09 3 - 4 ft MB-9(3-4)-1 8/9/2013 SB74753	MB-10 0.5 - 1 ft MB-10(0.5-1)-1 8/9/2013 SB74753	MB-10 2 - 3 ft MB-10(2-3)-1 8/9/2013 SB74753	MB-11 0 - 0.5 ft MB-11(0-0.5)-1 8/9/2013 SB74753
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS										
Arsenic	mg/kg	NE	NE	NE	10	5.23	2.50	69.2	10.9	2.18	1.98	< 1.49	43.4	9.84	5.33	4.18	3.78	2.98	2.10
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS										
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS										
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	NS	NS										
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS										
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS										
Lead	mg/kg	NE	NE	NE	400	47.4	20.5	104	15.9	12.9	5.71	4.91	28.4	81.4	28.2	22.4	44.3	12.0	19.5
Mercury	mg/kg	NE	NE	NE	20	NS	NS	NS	NS										
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS										
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	NS										
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	NS										
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS										
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS										
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS										
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS										
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS										
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS										
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS										
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS										
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS										
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS										
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS										
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS										
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS										
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS										
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 24.6	< 21.7	< 24.4	< 19.8	< 20.7	< 19.4	< 209	< 21.6	< 231	< 21.0	< 214	< 21.4	< 220	< 21.4
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 24.6	< 21.7	< 24.4	< 19.8	< 20.7	< 19.4	< 209	< 21.6	< 231	< 21.0	< 214	< 21.4	< 220	< 21.4
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 24.6	566	< 24.4	66.2	< 20.7	< 19.4	< 209	261	< 231	108	< 21.4	117	< 22.0	96.2
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 24.6	128	< 24.4	51.4	< 20.7	< 19.4	< 20.9	50.6	< 23.1	53.5	< 21.4	102	< 22.0	52.4
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 24.6	< 21.7	< 24.4	< 19.8	< 20.7	< 19.4	< 20.9	< 21.6	< 23.1	< 21.0	< 21.4	< 21.4	< 22.0	< 21.4
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 24.6	694	< 24.4	117.6	< 20.7	< 19.4	< 0	311.6	< 23.1	161.5	< 21.4	219	< 0	148.6
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS										
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS										
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS										
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS										
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS										
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS										
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS										
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS										
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS										
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS										
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS										
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS										
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS										
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS										
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS										

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	MB-11 4 - 5 ft MB-11(4-5)-1 8/9/2013 SB74753	MB-12 0.5 - 1 ft MB-12(0.5-1)-1 8/9/2013 SB74753	MB-12 3 - 4 ft MB-12(3-4)-1 8/9/2013 SB74753	MB-13 0 - 0.5 ft MB-13(0-0.5)-1 8/9/2013 SB74753	MB-13 2 - 3 ft MB-13(2-3)-1 8/9/2013 SB74753	MB-14 0.5 - 1 ft MB-14(.5-1)-1 8/9/2013 SB74753	MB-14 1 - 2 ft MB-14(1-2)-1 8/9/2013 SB74753	MB-15 0.5 - 1 ft MB-15 (0.5-1)-1 8/9/2013 SB74662	MB-15 4 - 5 ft MB-15 (4-5)-1 8/9/2013 SB74662	MB-16 0.5 - 1 ft MB-16 (0.5-1)-1 8/9/2013 SB74662	MB-16 2 - 3 ft MB-16 (2-3)-1 8/9/2013 SB74662	MB-17 0.5 - 1 ft MB-17 (0.5-1)-1 8/9/2013 SB74662	MB-17 4 - 5 ft MB-17 (4-5)-1 8/9/2013 SB74662	MB-18 0.5 - 1 ft MB-18 (0.5-1)-1 8/9/2013 SB74662
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	NS	NS	< 29.0	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	NS	NS	< 29.0	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	< 29.0	NS	NS	NS	NS	NS	NS	NS	NS	NS
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	31000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	ug/kg	40000	400000	NE	1000000	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	< 186	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs-SPLP																			
1-Methylnaphthalene	ug/l	NE	NE	50	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/l	NE	NE	280	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	ug/l	NE	NE	4200	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	ug/l	NE	NE	20000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	ug/l	NE	NE	0.6	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/l	NE	NE	2800															

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	MB-11 4 - 5 ft MB-11(4-5)-1 8/9/2013 SB74753	MB-12 0.5 - 1 ft MB-12(0.5-1)-1 8/9/2013 SB74753	MB-12 3 - 4 ft MB-12(3-4)-1 8/9/2013 SB74753	MB-13 0 - 0.5 ft MB-13(0-0.5)-1 8/9/2013 SB74753	MB-13 2 - 3 ft MB-13(2-3)-1 8/9/2013 SB74753	MB-14 0.5 - 1 ft MB-14(0.5-1)-1 8/9/2013 SB74753	MB-14 1 - 2 ft MB-14(1-2)-1 8/9/2013 SB74753	MB-15 0.5 - 1 ft MB-15 (0.5-1)-1 8/8/2013 SB74662	MB-15 4 - 5 ft MB-15 (4-5)-1 8/8/2013 SB74662	MB-16 0.5 - 1 ft MB-16 (0.5-1)-1 8/8/2013 SB74662	MB-16 2 - 3 ft MB-16 (2-3)-1 8/8/2013 SB74662	MB-17 0.5 - 1 ft MB-17 (0.5-1)-1 8/8/2013 SB74662	MB-17 4 - 5 ft MB-17 (4-5)-1 8/8/2013 SB74662	MB-18 0.5 - 1 ft MB-18 (0.5-1)-1 8/8/2013 SB74662
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	1.85	3.02	6.80	1.66	3.15	2.26	2.55	2.63	8.57	1.90	9.26	3.53	8.39	2.90
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	NE	400	12.9	99.6	37.8	11.6	10.9	29.3	24.7	20.0	49.5	23.6	163	28.2	147	31.7
Mercury	mg/kg	NE	NE	NE	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 211	< 21.4	< 220	< 21.5	< 21.6	< 20.8	< 21.1	< 21.6	< 223	< 19.8	< 21.3	< 21.6	< 23.2	< 20.2
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 211	< 21.4	< 220	< 21.5	< 21.6	< 20.8	< 21.1	< 21.6	< 223	< 19.8	2540	106	1470	49.5
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 211	148	< 220	83.9	< 21.6	291	< 21.1	81.1	< 223	46.5	< 21.3	< 21.6	< 23.2	< 20.2
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 21.1	41.8	< 22.0	38.7	< 21.6	27.1	< 21.1	37.8	< 22.3	< 19.8	83.0	< 21.6	70.7	< 20.2
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 21.1	< 21.4	< 22.0	< 21.5	< 21.6	< 20.8	< 21.1	< 21.6	< 22.3	< 19.8	< 21.3	< 21.6	< 23.2	< 20.2
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 21.1	189.8	< 22.0	122.6	< 21.6	318.1	< 21.1	118.9	< 22.3	46.5	2623	106	1540.7	49.5
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	MB-18 4 - 5 ft MB-18 (4-5)-1 8/8/2013 SB74662	MB-19 0.5 - 1 ft MB-19 (0.5-1)-1 8/8/2013 SB74662	MB-19 4 - 5 ft MB-19 (4-5)-1 8/8/2013 SB74662	MB-20 0.5 - 1 ft MB-20 (0.5-1)-1 8/8/2013 SB74662	MB-20 3 - 4 ft MB-20 (3-4)-1 8/8/2013 SB74662	MB-21 0.5 - 1 ft MB-21 (0.5-1)-1 8/8/2013 SB74662	MB-21 3 - 4 ft MB-21 (3-4)-1 8/8/2013 SB74662	MB-22 0 - 0.5 ft MB-22 (0-0.5)-1 8/8/2013 SB74662	MB-22 4 - 5 ft MB-22 (4-5)-1 8/8/2013 SB74662	MB-23 0.5 - 1 ft MB-23 (0.5-1)-1 8/8/2013 SB74662	MB-23 3 - 4 ft MB-23 (3-4)-1 8/8/2013 SB74662	MB-30 0.5 - 1 ft MB-30 (0.5-1)-1 8/8/2013 SB74662	MB-30 2 - 3 ft MB-30 (2-3) 8/8/2013 SB74662	MB-30 3 - 4 ft MB-30 (3-4) 8/8/2013 SB74662
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS										
Arsenic	mg/kg	NE	NE	NE	10	6.88	2.73	4.47	2.68	4.58	3.09	4.10	2.13	1.46	< 1.43	1.81	2.35	2.38	3.86
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS										
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS										
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	NS	NS										
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS										
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS										
Lead	mg/kg	NE	NE	NE	400	389	9.33	25.1	4.33	25.2	5.60	61.9	6.66	7.15	4.91	8.27	42.9	22.9	27.8
Mercury	mg/kg	NE	NE	NE	20	NS	NS	NS	NS										
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS										
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	NS										
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	NS										
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS										
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS										
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS										
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS										
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS										
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS										
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS										
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS										
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS										
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS										
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS										
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS										
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS										
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS										
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 22.5	< 20.8	< 20.1	< 19.4	< 211	< 20.3	< 22.6	< 22.1	< 20.8	< 21.4	< 21.1	< 21.2	< 20.3	< 20.9
Aroclor 1248	ug/kg	NE	NE	NE	NE	3030	< 20.8	444	< 19.4	< 211	26.4	4330	64.0	< 20.8	< 21.4	< 21.1	< 21.2	< 20.3	207
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 22.5	< 20.8	< 20.1	< 19.4	< 21.1	< 20.3	< 22.6	< 22.1	< 20.8	< 21.4	< 21.1	< 21.2	< 20.3	< 20.9
Aroclor 1260	ug/kg	NE	NE	NE	NE	68.6	< 20.8	< 20.1	< 19.4	< 21.1	< 20.3	139	< 22.1	< 20.8	< 21.4	< 21.1	< 21.2	< 20.3	< 20.9
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 22.5	< 20.8	< 20.1	< 19.4	< 21.1	< 20.3	< 22.6	< 22.1	< 20.8	< 21.4	< 21.1	< 21.2	< 20.3	< 20.9
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	3098.6	< 20.8	444	< 19.4	< 21.1	26.4	4469	64	< 20.8	< 21.4	< 21.1	< 21.2	< 20.3	207
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS										
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS										
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS										
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS										
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS										
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS										
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS										
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS										
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS										
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS										
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS										
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS										
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS										
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS										
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS										

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID						MB-31	MB-31	MB-31	MB-32	MB-32	MB-32	MB-33	MB-33	MB-33	MB-35	MB-35	MB-35	MB-40	MB-40
Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	0 - 0.5 ft	1 - 2 ft	3 - 4 ft	0 - 0.5 ft	2 - 3 ft	4 - 5 ft	0.5 - 1 ft	2 - 3 ft	4 - 5 ft	0 - 0.5 ft	1 - 2 ft	4 - 5 ft	0 - 0.5 ft	2 - 3 ft
Sample ID						MB-31 (0-0.5)-1	MB-31 (1-2)-1	MB-31 (3-4)-1	MB-32 (0-0.5)-1	MB-32 (2-3)-1	MB-32 (4-5)	MB-33 (0.5-1)-1	MB-33 (2-3)-1	MB-33 (4-5)-1	MB-35(0-0.5)-1	MB-35(1-2)-1	MB-35(4-5)-1	MB-40 (0-0.5)-1	MB-40 (2-3)-1
Sample Date						8/8/2013	8/8/2013	8/8/2013	8/8/2013	8/8/2013	8/8/2013	8/8/2013	8/8/2013	8/8/2013	8/9/2013	8/8/2013	8/9/2013	8/8/2013	8/8/2013
SDG						SB74662	SB74662	SB74662	SB74662	SB74662	SB74662	SB74662	SB74662	SB74662	SB74753	SB74753	SB74753	SB74662	SB74662
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	66.6	NS	NS	NS	NS	63.5	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	66.6	NS	NS	NS	NS	63.5	NS	NS	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	66.6	NS	NS	NS	NS	63.5	NS	NS	NS	NS	NS	NS
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	31000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	NS	< 191	NS	NS	NS	NS	< 182	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	NS	< 191	NS	NS	NS	NS	< 182	NS	NS	NS	NS	NS	NS
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	NS	< 191	NS	NS	NS	NS	< 182	NS	NS	NS	NS	NS	NS
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	NS	< 191	NS	NS	NS	NS	< 182	NS	NS	NS	NS	NS	NS
Anthracene	ug/kg	40000	400000	NE	1000000	NS	NS	< 191	NS	NS	NS	NS	< 182	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	< 191	NS	NS	NS	NS	< 182	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	< 191	NS	NS	NS	NS	< 182	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	< 191	NS	NS	NS	NS	< 182	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	< 191	NS	NS	NS	NS	< 182	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	< 191	NS	NS	NS	NS	< 182	NS	NS	NS	NS	NS	NS
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	< 191	NS	NS	NS	NS	< 182	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	< 191	NS	NS	NS	NS	< 182	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	ug/kg	5600	56000	NE	1000000	NS	NS	< 191	NS	NS	NS	NS	< 182	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	< 191	NS	NS	NS	NS	< 182	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	< 191	NS	NS	NS	NS	< 182	NS	NS	NS	NS	NS	NS
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	NS	< 191	NS	NS	NS	NS	185	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	222	NS	NS	NS	NS	196	NS	NS	NS	NS	NS	NS
SVOCs-SPLP																			
1-Methylnaphthalene	ug/l	NE	NE	50	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/l	NE	NE	280	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	ug/l	NE	NE	4200	NE	NS													

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	MB-31 0 - 0.5 ft MB-31 (0-0.5)-1 8/8/2013 SB74662	MB-31 1 - 2 ft MB-31 (1-2)-1 8/8/2013 SB74662	MB-31 3 - 4 ft MB-31 (3-4)-1 8/8/2013 SB74662	MB-32 0 - 0.5 ft MB-32 (0-0.5)-1 8/8/2013 SB74662	MB-32 2 - 3 ft MB-32 (2-3)-1 8/8/2013 SB74662	MB-32 4 - 5 ft MB-32 (4-5) 8/8/2013 SB74662	MB-33 0.5 - 1 ft MB-33 (0.5-1)-1 8/8/2013 SB74662	MB-33 2 - 3 ft MB-33 (2-3)-1 8/8/2013 SB74662	MB-33 4 - 5 ft MB-33 (4-5)-1 8/8/2013 SB74662	MB-35 0 - 0.5 ft MB-35(0-0.5)-1 8/9/2013 SB74753	MB-35 1 - 2 ft MB-35(1-2)-1 8/9/2013 SB74753	MB-35 4 - 5 ft MB-35(4-5)-1 8/9/2013 SB74753	MB-40 0 - 0.5 ft MB-40 (0-0.5)-1 8/8/2013 SB74662	MB-40 2 - 3 ft MB-40 (2-3)-1 8/8/2013 SB74662
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	2.64	4.06	8.85	2.52	3.81	3.23	2.19	3.67	2.03	2.39	2.46	4.67	2.38	3.07
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	NE	400	20.6	86.0	64.9	30.0	14.2	14.6	21.8	25.9	12.2	12.3	16.0	134	20.5	13.2
Mercury	mg/kg	NE	NE	NE	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 20.7	< 23.8	< 22.2	< 20.8	< 222	< 212	< 21.7	< 21.4	< 220	< 20.1	< 20.1	< 22.7	< 20.3	< 22.6
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 20.7	< 23.8	< 22.2	< 20.8	< 222	< 212	< 21.7	< 21.4	< 220	< 20.1	< 20.1	4970	< 20.3	173
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 20.7	1000	311	< 20.8	< 222	< 212	< 21.7	78.2	< 220	< 20.1	45.2	< 22.7	< 20.3	< 22.6
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 20.7	< 23.8	< 22.2	< 20.8	< 222	< 21.2	< 21.7	< 21.4	< 22.0	< 20.1	< 20.1	141	< 20.3	< 22.6
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 20.7	< 23.8	< 22.2	< 20.8	< 222	< 21.2	< 21.7	< 21.4	< 22.0	< 20.1	< 20.1	< 22.7	< 20.3	< 22.6
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 20.7	1000	311	< 20.8	< 222	< 21.2	< 21.7	78.2	< 22.0	< 20.1	45.2	5111	< 20.3	173
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
This is a summary table. Only detected analytes are shown.
<0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
Yellow highlighted cells exceed the 2013 GA PMC
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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
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Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
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mg/kg = milligrams per kilogram
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**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	MB-40 4 - 5 ft MB-40 (4-5)-1 8/8/2013 SB74662	MB-40 5 - 7 ft MB-40 (5-7)-1 8/8/2013 SB74662	MB-43 0 - 0.5 ft MB-43 (0-0.5)-1 8/8/2013 SB74662	MB-43 1 - 2 ft MB-43 (1-2)-1 8/8/2013 SB74662	MB-43 3 - 4 ft MB-43 (3-4)-1 8/8/2013 SB74662	MB-44 0.5 - 1 ft MB-44 (0.5-1)-1 8/8/2013 SB74662	MB-44 3 - 4 ft MB-44 (3-4)-1 8/8/2013 SB74662	MB-44 4 - 5 ft MB-44 (4-5)-1 8/8/2013 SB74662	MB-44 8 - 10 ft MB-44 (8-10)-1 8/8/2013 SB74662	MB-58 0 - 0.5 ft MB-58 (0-0.5)120313 12/3/2013 SB81322	MB-58 2 - 2.5 ft MB-58 (2.5-3)120313 12/3/2013 SB81322	MB-59 0.5 - 1 ft MB-59 (0.5-1)120313 12/3/2013 SB81322	MB-59 3 - 3.5 ft MB-59 (3-3.5)120313 12/3/2013 SB81322	MB-60 0 - 0.5 ft MB-60 (0-0.5)120313 12/3/2013 SB81322
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	6.79	NS	2.24	1.89	10.4	1.97	4.43	3.97	NS	4.48	4.50	3.37	2.14	1.94
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	NE	400	63.1	NS	30.5	16.9	94.4	22.0	96.5	18.1	NS	30.0	17.3	38.7	5.40	15.0
Mercury	mg/kg	NE	NE	NE	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 371	< 44.7	< 19.3	< 19.7	< 21.2	< 20.0	< 22.3	< 21.8	< 30.5	< 20.7	< 28.4	< 20.1	< 20.2	< 20.2
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 371	< 44.7	< 19.3	< 19.7	638	< 20.0	3250	182	< 30.5	< 20.7	< 28.4	< 20.1	< 20.2	< 20.2
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 37.1	< 44.7	< 19.3	< 19.7	< 21.2	< 20.0	< 22.3	< 21.8	< 30.5	< 20.7	< 28.4	101	< 20.2	< 20.2
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 37.1	< 44.7	< 19.3	< 19.7	< 21.2	< 20.0	79.0	< 21.8	< 30.5	< 20.7	< 28.4	< 20.1	< 20.2	< 20.2
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 37.1	< 44.7	< 19.3	< 19.7	< 21.2	< 20.0	< 22.3	< 21.8	< 30.5	< 20.7	< 28.4	< 20.1	< 20.2	< 20.2
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 37.1	< 44.7	< 19.3	< 19.7	638	< 20.0	3329	182	< 30.5	< 20.7	< 28.4	101	< 20.2	< 20.2
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
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 Yellow highlighted cells exceed the 2013 GA PMC
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**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	MB-60 1 - 1.5 ft 12/3/2013 SB81322	N8-SS257A 0 - 1 ft 6/25/2013 SB72106	NORTH-B1 0.5 - 1 ft 9/22/2020 2011121	NORTH-B1 2 - 3 ft 9/22/2020 2011121	NORTH-B2 0.5 - 1 ft 9/22/2020 2011121	NORTH-B2 2 - 3 ft 9/22/2020 2011121	NORTH-B3 0.5 - 1 ft 9/22/2020 2011121	NORTH-B3 2 - 3 ft 9/22/2020 2011121	NORTH-B4 2 - 4 ft 9/22/2020 2011121	NORTH-B4 2 - 4 ft 9/22/2020 2011121	O12-SB238 0.5 - 1 ft 12/28/2011 SB41720	O12-SB238 2.5 - 3 ft 12/28/2011 SB41720	O12-SB238 3 - 3.5 ft 12/28/2011 SB41720	O12-SS199 0 - 0.25 ft 8/12/2011 SB33374
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 5.74 UJ	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	5.34	7.42	4.6	< 3.6	< 3.5	< 3.6	< 3.5	< 3.7	< 3.6	NS	NS	2.24	NS	3.05
Barium	mg/kg	NE	NE	NE	4700	NS	NS	80	130	140	160	140	100	160	NS	NS	147 J	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.689	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	< 0.36	< 0.36	< 0.35	< 0.36	< 0.35	< 0.37	< 0.36	NS	NS	0.855 J	NS	0.642
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	18	39	30	38	19	31	NS	NS	NS	35.3 J	NS	5.98
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	9.66 J	NS	NS
Lead	mg/kg	NE	NE	NE	400	14.4	NS	22	29	26	120	23	9.3	37	NS	NS	29.3 J	NS	19.9
Mercury	mg/kg	NE	NE	NE	20	NS	NS	< 0.027	0.036	0.032	0.046	0.033	< 0.027	0.029	NS	NS	< 0.886 U	NS	< 0.0275 U
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10.1 J	NS	NS
Selenium	mg/kg	NE	NE	NE	340	NS	NS	< 3.6	< 3.6	< 3.5	< 3.6	< 3.5	< 3.7	< 3.6	NS	NS	< 1.72 U	NS	NS
Silver	mg/kg	NE	NE	NE	340	NS	NS	< 0.36	< 0.36	< 0.35	< 0.36	< 0.35	< 0.37	< 0.36	NS	NS	< 1.72 UJ	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 3.44 U	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	23.3 J+	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	92.0 J	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 4.0 U	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	28.9	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2.5 U	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	7.6	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.5 U	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 5.0 U	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5.6	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.03 U	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 21.7	NS	< 86	< 89	< 86	< 880	< 87	< 88	< 870	< 870	< 23.0 U	< 22.6 U	< 20.9 U	< 20.0 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 21.7	NS	< 86	710	1000	5100	500	220	4100	4200	< 23.0 U	307	< 20.9 U	< 20.0 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 21.7	NS	< 86	< 89	< 86	< 880	< 87	< 88	< 870	< 870	< 23.0 U	< 22.6 U	< 20.9 U	< 20.0 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 21.7	NS	< 86	< 89	< 86	< 880	< 87	< 88	< 870	< 870	< 23.0 U	22.6	< 20.9 U	< 20.0 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 21.7	NS	< 86	< 89	< 86	< 880	< 87	< 88	< 870	< 870	< 23.0 U	< 22.6 U	< 20.9 U	< 20.0 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 21.7	NS	< 86	710	1000	5100	500	220	4100	4200	< 23.0 U	330	< 20.9 U	< 20.0 U
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.2 U	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.2 U	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.2 U	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.2 U	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 8.01 U	NS	NS

Notes:
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Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	O12-SS23 0 - 0.5 ft 8/5/2011 SB32945	P10-SS206 0 - 0.25 ft 8/12/2011 SB33374	P11-SB413 1 - 2 ft 6/29/2012 SB52073	P11-SB413 11.5 - 12.5 ft 6/29/2012 SB52073	P11-SB413 4 - 5 ft 6/29/2012 SB52073	P11-SS225 0 - 0.25 ft 8/12/2011 SB33374	P13-SS188 0 - 0.25 ft 8/12/2011 SB33374	P13-SS190 0 - 0.25 ft 8/12/2011 SB33374	P7-SB239 0.7 - 4 ft 12/28/2011 SB41720	P7-SB239 0.7 - 4 ft 12/28/2011 SB41720	P7-SB239 4 - 5 ft 12/28/2011 SB41720	P7-SB239 7 - 8 ft 12/28/2011 SB41720	P9-SB290 0 - 2 ft 2/14/2012 SB43969	P9-SB290 1.5 - 2.5 ft 2/14/2012 SB43969
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	< 5.45 UJ	< 7.74 UJ	< 5.21 UJ	NS	NS	NS	< 6.70 UJ	< 5.87 UJ	< 5.38 UJ	< 4.83 UJ	NS	< 6.08 UJ
Arsenic	mg/kg	NE	NE	NE	10	4.57	6.50	< 8.18 U	< 4.64 U	< 3.13 U	NS	NS	2.75	2.08	2.03	< 1.61 U	< 1.45 U	NS	< 9.12 U
Barium	mg/kg	NE	NE	NE	4700	NS	NS	86.0	84.8	66.3	NS	NS	NS	107 J	65.8 J	97.5 J	59.1 J	NS	124
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	< 0.545 U	< 0.774 U	< 0.521 U	NS	NS	NS	1.83	2.10	< 0.538 U	< 0.483 U	NS	0.713
Cadmium	mg/kg	NE	NE	NE	34	NS	1.05	< 0.545 U	< 0.774 U	< 0.521 U	NS	NS	< 0.538 U	< 0.670 UJ	< 0.587 UJ	< 0.538 UJ	0.565 J	NS	< 0.608 UJ
Chromium	mg/kg	NE	NE	NE	NS	NS	38.2	35.3	23.5	18.7	NS	NS	13.2	23.9 J	23.0 J	16.7 J	17.4 J	NS	25.2
Copper	mg/kg	NE	NE	NE	2500	NS	NS	24.7	46.6	10.5	NS	NS	NS	4.06 J	12.4 J	4.73 J	14.8 J	NS	21.0 J
Lead	mg/kg	NE	NE	NE	400	NS	58.4	39.2	8.46	13.0	NS	NS	10.6	11.2 J	7.97 J	2.45 J	3.89 J	NS	77.8
Mercury	mg/kg	NE	NE	NE	20	NS	0.373	0.201 J+	< 0.0485 U	0.0296 J+	NS	NS	< 0.0345 U	< 1.15 U	< 0.864 U	< 0.747 U	< 0.0334 U	NS	0.259 J
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	26.6	25.2	10.0	NS	NS	NS	7.32 J	8.71 J	6.81 J	11.1 J	NS	14.1 J
Selenium	mg/kg	NE	NE	NE	340	NS	NS	< 1.64 U	< 2.32 U	< 1.56 U	NS	NS	NS	< 2.08 U	< 1.76 U	< 1.61 U	< 1.45 U	NS	< 1.82 U
Silver	mg/kg	NE	NE	NE	340	NS	NS	< 1.64 U	< 2.32 U	< 1.56 U	NS	NS	NS	< 2.01 UJ	< 1.76 UJ	< 1.61 UJ	< 1.45 UJ	NS	< 1.82 U
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	< 3.27 U	< 4.64 U	< 3.13 U	NS	NS	NS	< 4.02 U	< 3.52 U	< 3.23 U	< 2.90 U	NS	< 3.65 U
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	21.5	33.6	NS	NS	NS	12.7 J+	10.2 J+	8.08 J+	18.9 J+	NS	27.9
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	61.9	56.3	29.3	NS	NS	NS	< 11.4 UJ	< 9.98 UJ	19.6 J	22.7 J	NS	73.3 J
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 22.3 U	< 23.2 U	< 22.2 U	< 31.4 U	< 20.6 U	< 19.8 U	< 19.8 U	< 23.1 U	< 28.3 U	< 24.5 U	< 20.7 U	< 21.6 U	NS	117
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 22.3 U	< 23.2 U	< 22.2 U	< 31.4 U	< 20.6 U	< 19.8 U	< 19.8 U	< 23.1 U	< 28.3 U	< 24.5 U	< 20.7 U	< 21.6 U	NS	< 24.3 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 22.3 U	< 23.2 U	34.4	< 31.4 U	< 20.6 U	< 19.8 U	< 19.8 U	< 23.1 U	< 28.3 U	< 24.5 U	< 20.7 U	< 21.6 U	NS	< 24.3 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 22.3 U	< 23.2 U	< 22.2 U	< 31.4 U	< 20.6 U	< 19.8 U	< 19.8 U	< 23.1 U	< 28.3 U	< 24.5 U	< 20.7 U	< 21.6 U	NS	< 24.3 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 22.3 U	< 23.2 U	< 22.2 U	< 31.4 U	< 20.6 U	< 19.8 U	< 19.8 U	< 23.1 U	< 28.3 U	< 24.5 U	< 20.7 U	< 21.6 U	NS	< 24.3 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 22.3 U	< 23.2 U	34.4	< 31.4 U	< 20.6 U	< 19.8 U	< 19.8 U	< 23.1 U	< 28.3 U	< 24.5 U	< 20.7 U	< 21.6 U	NS	117
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 8.44 U	< 8.36 U	NS	NS	NS	NS	NS	NS	< 8.99 U
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 5.27 U	< 5.23 U	NS	NS	NS	NS	NS	NS	< 5.62 U
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	< 8.44 U	< 8.36 U	NS	NS	NS	NS	NS	NS	< 8.99 U
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 5.27 U	< 5.23 U	NS	NS	NS	NS	NS	NS	< 5.62 U
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	< 21.1 U	< 20.9 U	NS	NS	NS	NS	NS	NS	< 22.5 U
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	< 8.44 U	< 8.36 U	NS	NS	NS	NS	NS	NS	< 8.99 U
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 5.27 U	< 5.23 U	NS	NS	NS	NS	NS	NS	< 5.62 U
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	< 8.44 U	< 8.36 U	NS	NS	NS	NS	NS	NS	< 8.99 U
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	< 8.44	< 8.36	NS	NS	NS	NS	NS	NS	< 8.99
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 10.2 U	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	P9-SB290 5 - 6 ft SB290(5-6)-021412 2/14/2012 SB43969	P9-SS213 0 - 0.25 ft DUP-14 8/12/2011 SB33374	P9-SS213 0 - 0.25 ft P9-SS213 0-3 8/12/2011 SB33374	Q10-SB411 1 - 2 ft 0-SB411(1-2)-062811 6/28/2012 SB51990	Q10-SB411 1.5 - 2 ft Q10-SB411(1.5-2)- 9/16/2020 2010847	Q10-SB411 11.5 - 12.5 ft B411(11.5-12.5)-0620- 6/28/2012 SB51990	Q10-SB411 4 - 5 ft 0-SB411(4-5)-062811 6/28/2012 SB51990	Q11-SS200 0 - 0.25 ft Q11-SS200 0-3 8/12/2011 SB33374	Q12-SB419 11.5 - 12.5 ft B419(11.5-12.5)-07- 7/2/2012 SB52216	Q12-SB419 11.5 - 12.5 ft B419(11.5-12.5)-07- 7/2/2012 SB52216	Q12-SB419 4 - 5 ft 0-SB419(4-5)-070211- 7/2/2012 SB52216	Q12-SB419 8 - 10 ft 0-SB419(8-10)-070211- 7/2/2012 SB52216	Q14-SB414 11.5 - 12.5 ft B414(11.5-12.5)-0624- 6/29/2012 SB52073	Q14-SB414 2 - 3 ft 0-SB414(2-3)-062911- 6/29/2012 SB52073		
CTETPH																						
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	51.7	NS	NS	NS	NS	NS	NS	117	NS	NS	NS	NS	NS	< 28.2 U	NS	NS	
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	51.7	NS	NS	NS	NS	NS	NS	117	NS	NS	NS	NS	NS	< 28.2 U	NS	NS	
Unidentified	mg/kg	NE	NE	NE	NE	51.7	NS	NS	NS	NS	NS	NS	117	NS	NS	NS	NS	NS	< 28.2 U	NS	NS	
CTETPH-SPLP																						
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VOCS																						
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
1,2-Dichlorobenzene	ug/kg	3100	31000	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
1,2-Dichloroethane	ug/kg	20	200	NE	6700	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 UJ	NS	NS	NS	NS	NS	NS	NS	NS	
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	< 61.2 U	NS	NS	NS	NS	NS	NS	< 97.4 U	NS	NS	NS	NS	NS	NS	NS	NS	
Acetone	ug/kg	14000	140000	NE	500000	< 61.2 U	NS	NS	NS	NS	NS	NS	< 97.4 U	NS	NS	NS	NS	NS	NS	NS	NS	
Benzene	ug/kg	20	200	NE	21000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
Chlorobenzene	ug/kg	2000	20000	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
Chloroethane	ug/kg	NE	NE	NE	130000	< 12.2 U	NS	NS	NS	NS	NS	NS	< 19.5 U	NS	NS	NS	NS	NS	NS	NS	NS	
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
Ethyl ether	ug/kg	NE	NE	NE	NE	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
Ethylbenzene	ug/kg	10100	10100	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
Isopropylbenzene	ug/kg	NE	NE	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
m,p-Xylenes	ug/kg	NE	19500	NE	NE	< 12.2 U	NS	NS	NS	NS	NS	NS	< 19.5 U	NS	NS	NS	NS	NS	NS	NS	NS	
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	< 61.2 U	NS	NS	NS	NS	NS	NS	< 97.4 U	NS	NS	NS	NS	NS	NS	NS	NS	
Naphthalene	ug/kg	5600	56000	NE	1000000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
n-Butylbenzene	ug/kg	NE	NE	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
n-Propylbenzene	ug/kg	NE	NE	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
o-Xylene	ug/kg	NE	19500	NE	NE	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 UJ	NS	NS	NS	NS	NS	NS	NS	NS	
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
Styrene	ug/kg	2000	20000	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
tert-butylbenzene	ug/kg	NE	NE	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
Tetrachloroethylene	ug/kg	100	1000	NE	12000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
Toluene	ug/kg	20000	67000	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
Total Xylenes	ug/kg	19500	19500	NE	NE	< 12.2 U	NS	NS	NS	NS	NS	NS	< 19.5 U	NS	NS	NS	NS	NS	NS	NS	NS	
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
Trichloroethene	ug/kg	100	1000	NE	56000	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 U	NS	NS	NS	NS	NS	NS	NS	NS	
Vinyl chloride	ug/kg	40	400	NE	320	< 6.1 U	NS	NS	NS	NS	NS	NS	< 9.7 UJ	NS	NS	NS	NS	NS	NS	NS	NS	
VOCS-SPLP																						
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
SVOC-SIMS																						
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
SVOCs																						
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	< 407 U	NS	NS	NS	NS	NS	NS	< 189 U	NS	NS	NS	NS	NS	NS	< 185 U	NS	NS
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	< 407 UJ	NS	NS	NS	NS	NS	NS	< 189 U	NS	NS	NS	NS	NS	NS	< 185 U	NS	NS
Acenaphthene	ug/kg	8400	84000	NE	1000000	< 407 UJ	NS	NS	NS	NS	NS	NS	< 189 U	NS	NS	NS	NS	NS	NS	< 185 U	NS	NS
Acenaphthylene	ug/kg	8400	84000	NE	1000000	< 407 U	NS	NS	NS	NS	NS	NS	< 190	NS	NS	NS	NS	NS	NS	< 185 U	NS	NS
Anthracene	ug/kg	40000	400000	NE	1000000	< 407 U	NS	NS	NS	NS	NS	NS	< 190	NS	NS	NS	NS	NS	NS	< 185 U	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	< 407 U	NS	NS	NS	NS	NS	NS	< 190	NS	NS	NS	NS	NS	NS	< 185 U	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	< 407 U	NS	NS	NS	NS	NS	NS	< 190	NS	NS	NS	NS	NS	NS	< 185 U	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	< 407 U	NS	NS	NS	NS	NS	NS	< 190	NS	NS	NS	NS	NS	NS	< 185 U	NS	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	< 407 U	NS	NS	NS	NS	NS	NS	< 190	NS	NS	NS	NS	NS	NS	< 185 U	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	< 407 U	NS	NS	NS	NS	NS	NS	< 190	NS	NS	NS	NS	NS	NS	< 185 U	NS	NS
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	< 407 UJ	NS	NS	NS	NS	NS	NS	< 190	NS	NS	NS	NS	NS	NS	< 185 U	NS	NS
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	< 407 U	NS	NS	NS	NS	NS	NS	< 190	NS	NS	NS	NS	NS	NS	< 185 U	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	< 407 U	NS	NS	NS	NS	NS	NS	< 190	NS	NS	NS	NS	NS	NS	<		

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	P9-SB290 5 - 6 ft 2/14/2012 SB43969	P9-SS213 0 - 0.25 ft DUP-14 8/12/2011 SB33374	P9-SS213 0 - 0.25 ft P9-SS213 0-3 8/12/2011 SB33374	Q10-SB411 1 - 2 ft 0-SB411(1-2)-06281 6/28/2012 SB51990	Q10-SB411 1.5 - 2 ft Q10-SB411 (1.5-2)- 9/16/2020 2010847	Q10-SB411 11.5 - 12.5 ft B411(11.5-12.5)-0620 6/28/2012 SB51990	Q10-SB411 4 - 5 ft 0-SB411(4-5)-06281 6/28/2012 SB51990	Q11-SS200 0 - 0.25 ft Q11-SS200 0-3 8/12/2011 SB33374	Q12-SB419 11.5 - 12.5 ft B419(11.5-12.5)-07 7/2/2012 SB52216	Q12-SB419 11.5 - 12.5 ft B419(11.5-12.5)-07 7/2/2012 SB52216	Q12-SB419 4 - 5 ft 02-SB419(4-5)-07021 7/2/2012 SB52216	Q12-SB419 8 - 10 ft SB419(8-10)-0702 7/2/2012 SB52216	Q14-SB414 11.5 - 12.5 ft B414(11.5-12.5)-0624 6/29/2012 SB52073	Q14-SB414 2 - 3 ft 4-SB414(2-3)-06291 6/29/2012 SB52073	
Metals																				
Antimony	mg/kg	NE	NE	NE	27	< 5.54 UJ	NS	NS	< 4.87 UJ	NS	< 7.32 UJ	< 5.16 UJ	NS	< 4.85 UJ	< 5.41 UJ	< 5.01 UJ	< 5.26 UJ	< 5.76 UJ	< 7.22 UJ	
Arsenic	mg/kg	NE	NE	NE	10	1.96	NS	NS	7.69	NS	3.28	1.98	NS	< 1.46 UJ	< 1.62 UJ	< 3.01 UJ	< 1.58 UJ	< 1.73 UJ	< 4.33 UJ	
Barium	mg/kg	NE	NE	NE	4700	86.5	NS	NS	29.8	NS	99.4	70.4	NS	43.3 J	48.0 J	63.8 J	112 J	57.1	92.5	
Beryllium	mg/kg	NE	NE	NE	2	< 0.554 U	NS	NS	< 0.487 U	NS	< 0.732 U	< 0.516 U	NS	< 0.485 UJ	< 0.541 UJ	0.676 J-	< 0.526 UJ	< 0.576 U	1.18	
Cadmium	mg/kg	NE	NE	NE	34	< 0.554 UJ	NS	NS	0.663	NS	< 0.732 U	< 0.516 U	NS	< 0.485 UJ	< 0.541 UJ	< 0.501 UJ	< 0.526 UJ	< 0.576 U	< 0.722 U	
Chromium	mg/kg	NE	NE	NE	NE	20.4	NS	NS	13.0	NS	32.1	21.6	NS	11.0 J-	12.5 J-	18.7 J-	28.9 J-	18.1	23.7	
Copper	mg/kg	NE	NE	NE	2500	19.1 J	NS	NS	27.7 J	NS	24.4 J	10.6 J	NS	10.5 J	11.1 J	8.07 J	16.2 J	10.0	10.2	
Lead	mg/kg	NE	NE	NE	400	14.0	NS	NS	15.7 J	NS	6.74 J	25.1 J	NS	2.63 J	2.89 J	5.89 J	4.22 J	2.63	56.4	
Mercury	mg/kg	NE	NE	NE	20	0.0592 J	NS	NS	< 0.0300 U	NS	< 0.0415 U	0.153 J+	NS	< 0.0319 U	< 0.0300 U	< 0.0312 U	< 0.0293 U	< 0.0352 U	0.151 J+	
Nickel	mg/kg	NE	NE	NE	1400	10.8 J	NS	NS	17.6 J	NS	23.3 J	10.4 J	NS	8.09 J-	8.21 J-	10.1 J-	21.3 J-	9.51	12.3	
Selenium	mg/kg	NE	NE	NE	340	< 1.66 U	NS	NS	< 1.46 U	NS	< 2.20 U	< 1.55 U	NS	< 1.46 UJ	< 1.62 UJ	< 1.50 UJ	< 1.58 UJ	< 1.73 UJ	< 2.17 U	
Silver	mg/kg	NE	NE	NE	340	< 1.66 U	NS	NS	< 1.46 U	NS	< 2.20 U	< 1.55 U	NS	< 1.46 UJ	< 1.62 UJ	< 1.50 UJ	< 1.58 UJ	< 1.73 UJ	< 2.17 U	
Thallium	mg/kg	NE	NE	NE	5.4	< 3.32 U	NS	NS	< 2.92 U	NS	< 4.39 U	< 3.10 U	NS	< 2.91 UJ	< 3.25 UJ	< 3.01 UJ	< 3.16 UJ	< 3.46 UJ	< 4.33 UJ	
Vanadium	mg/kg	NE	NE	NE	470	19.0	NS	NS	15.6	NS	34.7	20.6	NS	11.4	13.6	24.2	23.0	18.2	22.9	
Zinc	mg/kg	NE	NE	NE	20000	26.8 J	NS	NS	50.5	NS	61.7	38.3	NS	14.3 J	20.5 J	26.2 J	24.5 J	20.1	36.8	
Metals-SPLP																				
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																				
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																				
Aroclor 1242	ug/kg	NE	NE	NE	NE	372	< 23.0 U	< 23.7 U	< 19.6 U	NS	< 28.8 U	< 21.4 U	< 22.6 U	< 21.7 U	< 20.9 U	< 20.6 U	< 22.1 U	< 23.4 U	< 27.4 U	
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 24.3 U	< 23.0 U	< 23.7 U	< 19.6 U	NS	< 28.8 U	< 21.4 U	< 22.6 U	< 21.7 U	< 20.9 U	< 20.6 U	< 22.1 U	< 23.4 U	< 27.4 U	
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 24.3 U	< 23.0 U	< 23.7 U	< 19.6 U	NS	< 28.8 U	< 21.4 U	< 22.6 U	< 21.7 U	< 20.9 U	< 20.6 U	< 22.1 U	< 23.4 U	< 27.4 U	
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 24.3 U	< 23.0 U	< 23.7 U	< 19.6 U	NS	< 28.8 U	< 21.4 U	< 22.6 U	< 21.7 U	< 20.9 U	< 20.6 U	< 22.1 U	< 23.4 U	< 27.4 U	
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 24.3 U	< 23.0 U	< 23.7 U	< 19.6 U	NS	< 28.8 U	< 21.4 U	< 22.6 U	< 21.7 U	< 20.9 U	< 20.6 U	< 22.1 U	< 23.4 U	< 27.4 U	
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	372	< 23.0 U	< 23.7 U	< 19.6 U	NS	< 28.8 U	< 21.4 U	< 22.6 U	< 21.7 U	< 20.9 U	< 20.6 U	< 22.1 U	< 23.4 U	< 27.4 U	
PCBs-SPLP																				
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																				
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	< 9.82 U	NS	NS	NS	NS	< 9.34 U	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	< 6.14 U	NS	NS	NS	NS	< 5.83 U	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	< 9.82 U	NS	NS	NS	NS	< 9.34 U	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	< 6.14 U	NS	NS	NS	NS	14.8 J	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	< 24.5 U	NS	NS	NS	NS	< 23.3 U	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	< 9.82 U	NS	NS	NS	NS	< 9.34 U	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	6.65	NS	NS	NS	NS	11.1	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	< 9.82 U	NS	NS	NS	NS	< 9.34 U	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	< 9.82	NS	NS	NS	NS	< 9.34	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																				
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																				
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	Q14-SB414 5.5 - 6.5 ft SB414(5.5-6.5)-0629 6/29/2012 SB52073	Q14-SS187 0 - 0.25 ft Q14-SS187 0-3 8/12/2011 SB33374	Q14-SS224 0 - 0.25 ft Q14-SS224 0-3 8/12/2011 SB33374	Q7-SS221 0 - 0.25 ft Q7-SS221 0-3 8/12/2011 SB33374	Q8-SB412 11.5 - 12.5 ft Q8-SB412(11.5-12.5)-0629 6/29/2012 SB52073	Q8-SB412 2 - 3 ft Q8-SB412(2-3)-062912 6/29/2012 SB52073	Q8-SB412 4 - 5 ft Q8-SB412(4-5)-062912 6/29/2012 SB52073	R10-SS205 0 - 0.25 ft R10-SS205 0-3 8/12/2011 SB33374	R11-SS147 0 - 0.5 ft R11-SS147-080511 8/5/2011 SB32945	R11-SS147A 0 - 1 ft R11-SS147A(0-1)-0625 6/25/2013 SB72106	R12-SS197 0 - 0.25 ft R12-SS197 0-3 8/12/2011 SB33374	R13-SS189 0 - 0.25 ft R13-SS189 0-3 8/12/2011 SB33374	R15-SS186 0 - 0.25 ft DUPLICATE-15 8/12/2011 SB33374	R15-SS186 0 - 0.25 ft R15-SS186 0-3 8/12/2011 SB33374
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 5.45 UJ	NS	NS	NS	< 6.00 UJ	< 4.87 UJ	< 5.52 UJ	NS	NS	NS	NS	NS	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	< 1.64 U	2.39	NS	3.24	< 1.80 U	6.36	7.04	NS	3.17	NS	6.32	NS	NS	NS
Barium	mg/kg	NE	NE	NE	4700	83.7	NS	NS	NS	52.1	92.3	158	NS	NS	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	< 0.545 U	NS	NS	NS	< 0.600 U	0.628	0.763	NS	NS	NS	NS	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	< 0.545 U	0.598	NS	0.662	< 0.600 U	0.493	0.588	NS	< 0.31 U	NS	0.939	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	35.8	9.82	NS	17.6	13.5	22.7	33.9	NS	18.2	NS	16.6	NS	NS	NS
Copper	mg/kg	NE	NE	NE	2500	7.70	NS	NS	NS	9.63	27.4	29.1	NS	NS	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	NE	400	6.12	27.8	NS	21.9	2.51	55.6	26.3	NS	5.34	NS	26.2	NS	NS	NS
Mercury	mg/kg	NE	NE	NE	20	< 0.0352 U	< 0.0310 U	NS	0.0422	< 0.0330 U	0.182 J+	0.0553 J+	NS	< 0.07 U	NS	0.0673	NS	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	15.0	NS	NS	NS	8.59	12.1	17.9	NS	NS	NS	NS	NS	NS	NS
Selenium	mg/kg	NE	NE	NE	340	< 1.64 U	NS	NS	NS	< 1.80 U	< 1.46 U	< 1.66 U	NS	NS	NS	NS	NS	NS	NS
Silver	mg/kg	NE	NE	NE	340	< 1.64 U	NS	NS	NS	< 1.80 U	< 1.46 U	< 1.66 U	NS	NS	NS	NS	NS	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	< 3.27 U	NS	NS	NS	< 3.60 U	< 2.92 U	< 3.31 U	NS	NS	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	34.8	NS	NS	NS	15.7	24.9	38.1	NS	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	48.1	NS	NS	NS	18.7	67.4	55.0	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 23.9 U	< 19.3 U	< 19.5 U	< 21.2 U	< 24.1 U	< 211 U	< 47.2 U	< 25.6 U	< 22.3 U	NS	< 26.7 U	< 25.2 U	< 21.3 U	< 19.6 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 23.9 U	< 19.3 U	< 19.5 U	< 21.2 U	< 24.1 U	6340	< 47.2 U	< 25.6 U	< 22.3 U	NS	< 26.7 U	< 25.2 U	< 21.3 U	< 19.6 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 23.9 U	< 19.3 U	< 19.5 U	< 21.2 U	< 24.1 U	< 211 U	< 23.6 U	< 25.6 U	< 22.3 U	NS	< 26.7 U	< 25.2 U	< 21.3 U	< 19.6 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 23.9 U	< 19.3 U	< 19.5 U	< 21.2 U	< 24.1 U	242	< 23.6 U	< 25.6 U	< 22.3 U	NS	< 26.7 U	< 25.2 U	< 21.3 U	< 19.6 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 23.9 U	< 19.3 U	< 19.5 U	< 21.2 U	< 24.1 U	< 211 U	< 23.6 U	< 25.6 U	< 22.3 U	NS	< 26.7 U	< 25.2 U	< 21.3 U	< 19.6 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 23.9 U	< 19.3 U	< 19.5 U	< 21.2 U	< 24.1 U	6580	< 47.2 U	< 25.6 U	< 22.3 U	NS	< 26.7 U	< 25.2 U	< 21.3 U	< 19.6 U
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	< 7.76 U	< 8.45 U	NS	NS	NS	NS	< 7.35 U	NS	NS	< 9.89 U	NS	< 8.09 U
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	< 4.85 U	< 5.28 U	NS	NS	NS	NS	< 6.18 U	NS	NS	< 6.18 U	NS	< 5.05 U
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	< 7.76 U	< 8.45 U	NS	NS	NS	NS	< 7.35 U	NS	NS	< 9.89 U	NS	< 8.09 U
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	8.64 J	NS	NS	NS	NS	28.0 J	NS	NS	8.07 J	NS	< 5.05 U
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	< 19.4 U	73.3	NS	NS	NS	NS	134	NS	NS	48.3	NS	29.5
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	< 7.76 U	< 8.45 U	NS	NS	NS	NS	< 7.35 U	NS	NS	< 9.89 U	NS	< 8.09 U
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	< 4.85 U	9.36	NS	NS	NS	NS	27.3 J	NS	NS	7.08	NS	5.29
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	< 7.76 U	< 8.45 U	NS	NS	NS	NS	< 7.35 U	NS	NS	< 9.89 U	NS	< 8.09 U
Total DDx	ug/kg	3	20	NE	1800	NS	NS	< 7.76	< 8.45	NS	NS	NS	NS	< 7.35	NS	NS	< 9.89	NS	< 8.09
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 7.59 U	NS	NS	NS	NS	NS

Notes:
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Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	R9-SS211 0 - 0.25 ft 8/12/2011 SB33374	S10-SS204 0 - 0.25 ft 8/12/2011 SB33374	S11-SB420 14 - 15 ft 7/2/2012 SB52216	S11-SB420 2 - 3 ft 7/2/2012 SB52216	S11-SB420 3 - 4 ft 7/2/2012 SB52216	S12-SS196 0 - 0.25 ft 8/12/2011 SB33374	S13 1.5 - 2 ft 9/16/2020 2010847	S14-SB331 1.5 - 2 ft 9/16/2020 2010847	S14-SB331 3 - 4 ft 4/11/2012 SB47196	S14-SB331 4 - 4.5 ft 4/11/2012 SB47196	S14-SB331 4.5 - 5 ft 4/11/2012 SB47196	S15-SB237 0.4 - 1.5 ft 12/28/2011 SB41720	S15-SB237 2.5 - 3.5 ft 12/28/2011 SB41720	S15-SB237 5.5 - 6.5 ft 12/28/2011 SB41720	
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	NS	NS	357	NS	NS	NS	439	NS	NS	NS	185	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	NS	NS	357	NS	NS	NS	439	NS	NS	NS	185	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	357	NS	NS	NS	439	NS	NS	NS	185	NS	NS
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS																				
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	31000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS-SPLP																				
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
Anthracene	ug/kg	40000	400000	NE	1000000	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
Fluorene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	< 983 U	NS	NS	NS	< 425 U	NS	NS	NS	NS	< 366 U	NS
SVOCs-SPLP																				
1-Methylnaphthalene	ug/l	NE	NE	50	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/l	NE	NE	280	NE	NS														

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	R9-SS211 0 - 0.25 ft R9-SS211 0-3 8/12/2011 SB33374	S10-SS204 0 - 0.25 ft S10-SS204 0-3 8/12/2011 SB33374	S11-SB420 14 - 15 ft -SB420(14-15)0702 7/2/2012 SB52216	S11-SB420 2 - 3 ft 1-SB420(2-3)070211 7/2/2012 SB52216	S11-SB420 3 - 4 ft 1-SB420(3-4)070211 7/2/2012 SB52216	S12-SS196 0 - 0.25 ft S12-SS196 0-3 8/12/2011 SB33374	S13 1.5 - 2 ft S13 (1.5-2)-1 9/16/2020 2010847	S14-SB331 1.5 - 2 ft S14-SB331 (1.5-2)-1 9/16/2020 2010847	S14-SB331 3 - 4 ft -SB331 (3-4) 041111 4/11/2012 SB47196	S14-SB331 4 - 4.5 ft SB331 (4-4.5) 0411 4/11/2012 SB47196	S14-SB331 4.5 - 5 ft SB331 (4.5-5) 0411 4/11/2012 SB47196	S15-SB237 0.4 - 1.5 ft 15-SB237 (0.4-1.5) 12/28/2011 SB41720	S15-SB237 2.5 - 3.5 ft 15-SB237 (2.5-3.5) 12/28/2011 SB41720	S15-SB237 5.5 - 6.5 ft 15-SB237 (5.5-6.5) 12/28/2011 SB41720	
Metals																				
Antimony	mg/kg	NE	NE	NE	27	NS	NS	< 6.34 UJ	< 5.19 UJ	< 5.76 UJ	NS	NS	NS	17.4 J-	NS	< 4.50 UJ	NS	7.70 J-	< 6.69 UJ	
Arsenic	mg/kg	NE	NE	NE	10	NS	6.29	2.40 J-	< 3.11 UJ	< 17.3 UJ	NS	NS	NS	10.5	NS	< 1.35 U	NS	15.7	3.20	
Barium	mg/kg	NE	NE	NE	4700	NS	NS	68.9 J	64.0 J	54.4 J	NS	NS	NS	1470	NS	NS	NS	362 J	169 J	
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	< 0.634 UJ	< 0.519 UJ	< 0.576 UJ	NS	NS	NS	< 0.637 U	NS	NS	NS	0.549	< 0.484 U	1.21
Cadmium	mg/kg	NE	NE	NE	34	NS	1.21	< 0.634 UJ	< 0.519 UJ	9.81 J-	NS	NS	NS	10.8	NS	< 0.450 U	NS	7.92 J	1.11 J	
Chromium	mg/kg	NE	NE	NE	NE	NS	29.4	15.4 J-	15.4 J-	44.1 J-	NS	NS	NS	75.3	NS	NS	NS	53.0 J	27.0 J	
Copper	mg/kg	NE	NE	NE	2500	NS	NS	15.4 J	11.9 J	28.3 J	NS	NS	NS	1280	NS	NS	NS	7340 J	27.2 J	
Lead	mg/kg	NE	NE	NE	400	NS	61.1	5.61 J	12.7 J	1250 J	NS	63	53	5120 J	NS	NS	13.1 J	957 J	64.4 J	
Mercury	mg/kg	NE	NE	NE	20	NS	0.131	< 0.0382 U	< 0.0282 U	0.600 J+	NS	NS	NS	1.66 J+	NS	< 0.0291 U	NS	< 0.768 U	< 1.03 U	
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	22.1 J-	12.3 J-	38.0 J-	NS	NS	NS	62.4	NS	NS	NS	44.8 J	18.0 J	
Selenium	mg/kg	NE	NE	NE	340	NS	NS	< 1.90 UJ	< 1.56 UJ	< 8.64 UJ	NS	NS	NS	< 1.91 U	NS	< 1.45 U	NS	< 1.45 U	< 2.01 U	
Silver	mg/kg	NE	NE	NE	340	NS	NS	< 1.90 UJ	< 1.56 UJ	< 1.73 UJ	NS	NS	NS	2.16	NS	< 1.35 U	NS	9.70 J	< 2.01 UJ	
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	< 3.81 UJ	< 3.11 UJ	< 3.46 UJ	NS	NS	NS	< 6.37 U	NS	< 2.70 U	NS	< 7.74 U	< 4.01 U	
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	21.0	22.1	45.1	NS	NS	NS	96.7	NS	NS	NS	103 J+	27.0 J+	
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	49.2 J	28.2 J	3330 J	NS	NS	NS	4280	NS	NS	NS	1920 J	422 J	
Metals-SPLP																				
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 6.5 U	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4.0	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	23.1	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 2.5 U	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 5.0 U	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	7.1	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	471	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 5.0 U	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	10.6	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 34.0 U	NS
Cyanide																				
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																				
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 23.2 U	< 24.8 U	< 25.5 U	< 19.7 U	< 228 U	< 24.2 U	< 86	< 17000	< 2570 U	NS	< 20.9 U	< 21.9 U	< 21.5 U	< 28.3 U	
Aroclor 1248	ug/kg	NE	NE	NE	NE	54.1	36.4	< 25.5 U	< 19.7 U	4540	< 24.2 U	1300	19000	278000	NS	135	3730	241000	30600	
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 23.2 U	< 24.8 U	< 25.5 U	27.6	< 228 U	< 24.2 U	< 86	< 17000	< 2570 U	NS	< 20.9 U	< 21.9 U	< 21.5 U	< 28.3 U	
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 23.2 U	30.1	< 25.5 U	< 19.7 U	< 228 U	< 24.2 U	< 86	< 17000	< 2570 U	NS	< 20.9 U	63.6	1030	180	
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 23.2 U	< 24.8 U	< 25.5 U	< 19.7 U	< 228 U	< 24.2 U	< 86	< 17000	< 2570 U	NS	< 20.9 U	< 21.9 U	< 21.5 U	< 28.3 U	
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	54.1	66.5	< 25.5 U	27.6	4540	< 24.2 U	1300	19000	278000	NS	135	3790	242030	30780	
PCBs-SPLP																				
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.2 U	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	32.1	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.2 U	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	32.1	NS
Pesticides																				
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	< 9.47 U	NS	NS	NS	NS	< 10.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	< 5.92 U	NS	NS	NS	NS	< 6.44 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	< 9.47 U	NS	NS	NS	NS	< 10.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	15.6 J	NS	NS	NS	NS	14.0 J	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	49.9	NS	NS	NS	NS	105	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	< 9.47 U	NS	NS	NS	NS	< 10.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	13.0	NS	NS	NS	NS	14.1	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	< 9.47 U	NS	NS	NS	NS	< 10.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	< 9.47	NS	NS	NS	NS	< 6.44	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																				
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																				
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	S15-SS185 0 - 0.25 ft	S16-SB366 11.5 - 12 ft	S16-SB366 3.5 - 4 ft	S16-SB366 7.5 - 8.5 ft	S16-SB366 7.5 - 8.5 ft	S7-SB410 1 - 1.5 ft	S7-SB410 11.5 - 12.5 ft	S7-SB410 2 - 3 ft	S9-SB236 1 - 2 ft	S9-SB236 1.5 - 2 ft	S9-SB236 2.5 - 3.5 ft	S9-SB236 6 - 7 ft	SOUTH-B1 0.5 - 1 ft	SOUTH-B2 0 - 0.25 ft
Depth Interval						S15-SS185 0-3	S16-SB366 (11.5-12)-041	S16-SB366 (3.5-4)-0412	S16-SB366 (7.5-8.5)-041	S16-SB366 (7.5-8.5)-041	S7-SB410(1-1.5)-06281	S7-SB410(11.5-12.5)-062	S7-SB410(2-3)-062812	S9-SB236 (1-2)-1	S9-SB236 (1.5-2)-1	S9-SB236 (2.5-3.5)	S9-SB236 (6-7)	SOUTH-B1 (0.5-1)-1	SOUTH-B2 (0-0.25)-1
Sample ID						8/12/2011	4/12/2012	4/12/2012	4/12/2012	4/12/2012	6/28/2012	6/28/2012	6/28/2012	12/27/2011	9/16/2020	12/27/2011	12/27/2011	4/6/2020	4/6/2020
Sample Date						SB33374	SB47192	SB47192	SB47192	SB47192	SB51990	SB51990	SB51990	SB41720	2010847	SB41720	SB41720	20D0237	20D1046
SDG																			
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	NS	< 14.0 U	NS	NS	NS	256	NS	NS	57.0	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	NS	< 14.0 U	NS	NS	NS	256	NS	NS	57.0	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	< 14.0 U	NS	NS	NS	256	NS	NS	57.0	NS	NS	NS
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	31000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 63.5 U	NS	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 63.5 U	NS	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	< 12.7 U	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 12.7 U	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 63.5 U	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 12.7 U	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	< 6.4 U	NS	NS	NS	NS	NS	NS
VOCs-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	NS	NS	< 348 U	NS	NS	NS	< 362 U	NS	NS	< 409 U	NS	NS	NS
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	NS	NS	< 348 U	NS	NS	NS	< 362 U	NS	NS	< 409 U	NS	NS	NS
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	< 348 U	NS	NS	NS	< 362 U	NS	NS	< 409 U	NS	NS	NS
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	< 348 U	NS	NS	NS	< 362 U	NS	NS	< 409 U	NS	NS	NS
Anthracene	ug/kg	40000	400000	NE	1000000	NS	NS	NS	< 348 U	NS	NS	NS	< 362 U	NS	NS	< 409 U	NS	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 348 U	NS	NS	NS	< 362 U	NS	NS	< 409 U	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 348 U	NS	NS	NS	< 362 U	NS	NS	< 409 U	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 348 U	NS	NS	NS	< 362 U	NS	NS	< 409 U	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	NS	< 348 U	NS	NS	NS	< 362 U	NS	NS	< 409 U	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	NS	< 348 U	NS	NS	NS	< 362 U	NS	NS	< 409 U	NS	NS	NS
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 409 U	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	NS	< 348 U	NS	NS	NS	< 362 U	NS	NS	< 409 U	NS	NS	NS
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 348 U	NS	NS	NS	< 362 U	NS	NS	< 409 U	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	< 348 U	NS	NS	NS	< 362 U	NS	NS	< 409 U	NS	NS	NS
Fluorene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	< 348 U	NS	NS	NS	< 362 U	NS	NS	< 409 U	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 348 U	NS	NS	NS	< 362 U	NS	NS	< 409 U	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	< 348 U	NS	NS	NS	< 362 U	NS	NS	< 409 U	NS	NS	NS
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	< 348 U	NS	NS	NS	< 362 U	NS	NS	< 409 U	NS	NS	NS
Pyrene																			

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	S15-SS185 0 - 0.25 ft S15-SS185 0-3 8/12/2011 SB33374	S16-SB366 11.5 - 12 ft SB366 (11.5-12)-041 4/12/2012 SB47192	S16-SB366 3.5 - 4 ft SB366 (3.5-4)-0412 4/12/2012 SB47192	S16-SB366 7.5 - 8.5 ft SB366 (7.5-8.5)-041 4/12/2012 SB47192	S16-SB366 7.5 - 8.5 ft SB366 (7.5-8.5)-041 4/12/2012 SB47192	S7-SB410 1 - 1.5 ft SB410(1-1.5)-06281 6/28/2012 SB51990	S7-SB410 11.5 - 12.5 ft SB410(11.5-12.5)-062 6/28/2012 SB51990	S7-SB410 2 - 3 ft SB410(2-3)-062812 6/28/2012 SB51990	S9-SB236 1 - 2 ft S9-SB236 (1-2)-1 12/27/2011 SB41720	S9-SB236 1.5 - 2 ft S9-SB236 (1.5-2)-1 9/16/2020 2010847	S9-SB236 2.5 - 3.5 ft S9-SB236 (2.5-3.5) 12/27/2011 SB41720	S9-SB236 6 - 7 ft S9-SB236 (6-7) 12/27/2011 SB41720	SOUTH-B1 0.5 - 1 ft SOUTH-B1 (0.5-1)- 4/6/2020 20D0237	SOUTH-B2 0 - 0.25 ft SOUTH-B2 (0-0.25)- 4/6/2020 20D1046
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	< 5.43 U	< 4.75 U	NS	< 4.94 U	< 5.44 UJ	< 5.79 UJ	< 4.91 UJ	NS	NS	< 6.04 UJ	< 9.90 UJ	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	NS	< 1.63 U	< 1.43 U	NS	< 1.48 U	3.52	2.37	3.34	NS	NS	7.06	15.9	8.1	NS
Barium	mg/kg	NE	NE	NE	4700	NS	NS	84.5	NS	71.3	76.1	39.8	102	NS	NS	346 J	563 J	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	1.04	< 0.475 U	NS	< 0.494 U	< 0.544 U	< 0.579 U	0.561	NS	NS	< 0.604 U	1.00	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	< 0.543 U	< 0.475 U	NS	< 0.494 U	< 0.544 U	< 0.579 U	0.534	NS	NS	3.53 J	4.13 J	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	26.1	9.22	NS	19.7	30.3	8.24	37.2	NS	NS	22.4 J	68.7 J	NS	NS
Copper	mg/kg	NE	NE	NE	2500	NS	12.2	1.16	NS	16.9	16.8 J	11.7 J	17.8 J	NS	NS	86.0 J	165 J	NS	NS
Lead	mg/kg	NE	NE	NE	400	NS	5.25	3.93	NS	5.06	11.6 J	2.47 J	23.8 J	NS	NS	1050 J	756 J	NS	NS
Mercury	mg/kg	NE	NE	NE	20	NS	< 0.0318 U	< 0.0312 U	NS	< 0.0306 U	0.0338 J+	< 0.0351 U	0.0364 J+	NS	NS	< 0.898 U	< 1.58 U	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	11.1	4.71	NS	13.1	27.3 J	8.98 J	18.6 J	NS	NS	22.5 J	42.6 J	NS	NS
Selenium	mg/kg	NE	NE	NE	340	NS	< 1.63 U	< 1.43 U	NS	< 1.48 U	< 1.63 U	< 1.74 U	< 1.47 U	NS	NS	< 1.81 U	< 2.97 U	NS	NS
Silver	mg/kg	NE	NE	NE	340	NS	2.01	< 1.43 U	NS	< 1.48 U	< 1.63 U	< 1.74 U	< 1.47 U	NS	NS	< 1.81 UJ	3.01 J	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	< 3.26 U	< 2.85 U	NS	< 2.96 U	< 3.27 U	< 3.47 U	< 2.95 U	NS	NS	< 3.62 U	< 5.94 U	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	33.8	6.87	NS	20.2	36.2	12.7	33.2	NS	NS	30.1 J+	66.3 J+	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	45.5	8.91	NS	30.1	31.9	10.6	53.1	NS	NS	1650 J	786 J	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 21.1 U	< 21.9 U	< 21.4 U	NS	< 22.3 U	< 21.0 U	< 22.9 U	< 22.0 U	< 22.0 U	NS	< 23.8 U	< 41.1 U	< 96	< 96
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 21.1 U	< 21.9 U	< 21.4 U	NS	< 22.3 U	< 21.0 U	< 22.9 U	1130	168	NS	< 23.8 U	< 41.1 U	< 96	1200
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 21.1 U	< 21.9 U	< 21.4 U	NS	< 22.3 U	< 21.0 U	< 22.9 U	< 22.0 U	< 22.0 U	NS	< 23.8 U	< 41.1 U	< 96	670
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 21.1 U	< 21.9 U	< 21.4 U	NS	< 22.3 U	< 21.0 U	< 22.9 U	67.2	< 22.0 U	NS	63.0	< 41.1 U	< 96	110
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 21.1 U	< 21.9 U	< 21.4 U	NS	< 22.3 U	< 21.0 U	< 22.9 U	< 22.0 U	< 22.0 U	NS	< 23.8 U	< 41.1 U	< 96	< 96
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 21.1 U	< 21.9 U	< 21.4 U	NS	< 22.3 U	< 21.0 U	< 22.9 U	1200	168	NS	63.0	< 41.1 U	< 96	1980
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	< 8.24 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	6.00 J-	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	10.9 J-	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	12.0 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	62.0 J-	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	< 8.24 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	11.7 J-	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	< 8.24 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	16.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	SOUTH-B2 0.5 - 1 ft	SOUTH-B3 0.5 - 1 ft	SS-234 0 - 0.25 ft	SS-234 0 - 0.25 ft	T12-SS146 0 - 0.5 ft	T12-SS146A 0 - 1 ft	T13-SS38 0 - 0.5 ft	T13-SS38 0 - 0.25 ft	T14-SB330 1.5 - 2 ft	T14-SB330 5 - 5.5 ft	T14-SB330 5.5 - 6.5 ft	T15-SB365 1.5 - 2 ft	T15-SB365 11.5 - 12 ft	T15-SB365 2.5 - 3 ft
Depth Interval						SOUTH-B2 (0.5-1)-	SOUTH-B3 (0.5-1)-	DUPLICATE-18-0815	SS-234 0-3-081511	T12-SS146-080511	SS146A(0-1)_0625	T13-SS38-080411	T13SS38 0-3	T14-SB330 (1.5-2)-1	SB330 (5-5.5) 0411	SB330 (5.5-6.5) 0411	T15-SB365 (1.5-2)-1	SB365 (11.5-12)-041	SB365 (2.5-3)-0412
Sample ID						4/6/2020	4/6/2020	8/15/2011	8/15/2011	8/5/2011	6/25/2013	8/4/2011	8/31/2011	9/16/2020	4/11/2012	4/11/2012	9/16/2020	4/12/2012	4/12/2012
Sample Date						20D0237	20D0237	SB33506	SB33506	SB32945	SB72106	SB32875	SB34491	2010847	SB47196	SB47196	2010847	SB47192	SB47192
SDG																			
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	NS	NS	25.1	NS	NS	NS	NS	NS	37.9	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	NS	NS	25.1	NS	NS	NS	NS	NS	37.9	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	25.1	NS	NS	NS	NS	NS	37.9	NS	NS	NS
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 UJ	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	382	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	113	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	3100	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	107	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	< 153 U	< 128 U	NS	NS	NS	NS	NS	< 163 U	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	87.3	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	113	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	< 153 U	< 128 U	NS	NS	NS	NS	NS	259	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	136	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	658	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	186	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	< 153 U	< 128 U	NS	NS	NS	NS	NS	395	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	< 76.5 U	< 64.1 U	NS	NS	NS	NS	NS	< 81.6 U	NS	NS	NS	NS
VOCs-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	< 76	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	< 76	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	< 76	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	NS	NS	< 195 U	< 365 U	NS	NS	NS	NS	NS	< 352 U	NS	NS	NS
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	NS	NS	< 195 U	< 365 U	NS	NS	NS	NS	NS	< 352 U	NS	NS	NS
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	< 195 U	< 365 U	NS	NS	NS	NS	NS	< 352 U	NS	NS	NS
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	< 195 U	< 365 U	NS	NS	NS	NS	NS	< 352 U	NS	NS	NS
Anthracene	ug/kg	40000	400000	NE	1000000	NS	NS	NS	< 195 U	< 365 U	NS	NS	NS	NS	NS	< 352 U	NS	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 195 U	< 365 U	NS	NS	NS	NS	NS	< 352 U	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 195 U	< 365 U	NS	NS	NS	NS	NS	< 352 U	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 195 U	< 365 U	NS	NS	NS	NS	NS	< 352 U	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	NS	< 195 U	< 365 U	NS	NS	NS	NS	NS	< 352 U	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	NS	< 195 U	< 365 U	NS	NS	NS	NS	NS	< 352 U	NS	NS	NS
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	NS	< 195 U	< 365 UJ	NS	NS	NS	NS	NS	< 352 U	NS	NS	NS
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 195 U	< 365 U	NS	NS	NS	NS	NS	< 352 U	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	< 195 U	< 365 U	NS	NS	NS	NS	NS	< 352 U	NS	NS	NS
Fluorene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	< 195 U	< 365 U	NS	NS	NS	NS	NS	< 352 U	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 195 U	< 365 U	NS	NS	NS	NS	NS				

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	SOUTH-B2 0.5 - 1 ft 4/6/2020 20D0237	SOUTH-B3 0.5 - 1 ft 4/6/2020 20D0237	SS-234 0 - 0.25 ft 8/15/2011 SB33506	SS-234 0 - 0.25 ft 8/15/2011 SB33506	T12-SS146 0 - 0.5 ft 8/5/2011 SB32945	T12-SS146A 0 - 1 ft 6/25/2013 SB72106	T13-SS38 0 - 0.5 ft 8/4/2011 SB32875	T13-SS38 0 - 0.25 ft 8/31/2011 SB34491	T14-SB330 1.5 - 2 ft 9/16/2020 20I0847	T14-SB330 5 - 5.5 ft 4/11/2012 SB47196	T14-SB330 5.5 - 6.5 ft 4/11/2012 SB47196	T15-SB365 1.5 - 2 ft 9/16/2020 20I0847	T15-SB365 11.5 - 12 ft 4/12/2012 SB47192	T15-SB365 2.5 - 3 ft 4/12/2012 SB47192
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 8.21 UJ	< 4.64 UJ	NS	< 5.12 U	< 4.90 U
Arsenic	mg/kg	NE	NE	NE	10	7.2	6.9	NS	1.77	2.38	NS	NS	NS	NS	3.14	< 1.39 U	NS	< 1.53 U	< 1.47 U
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	NS	NS	NS	NS	NS	450	NS	NS	46.5	109
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.587 U	0.584	NS	< 0.512 U	0.656
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	NS	< 0.508 U	< 0.36 U	NS	NS	NS	NS	2.74	< 0.464 U	NS	< 0.512 U	< 0.490 U
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	51.9	17.7	NS	NS	NS	NS	70.2	NS	NS	12.7	26.1
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	NS	NS	NS	NS	NS	610	26.2	NS	9.21	30.5
Lead	mg/kg	NE	NE	NE	400	NS	NS	NS	35.9	3.63	NS	NS	NS	NS	37	1040 J	108 J	3.37	68.4
Mercury	mg/kg	NE	NE	NE	20	NS	NS	NS	0.0492	< 0.07 U	NS	NS	NS	NS	0.660 J+	0.0451 J+	NS	< 0.0294 U	0.0537
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	48.5	26.2	NS	8.36	16.5
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.76 U	< 1.39 U	NS	< 1.53 U	< 1.47 U
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.82	1.47	NS	< 1.53 U	< 1.47 U
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 6.45 U	< 2.78 U	NS	< 3.07 U	< 2.94 U
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	NS	NS	NS	NS	NS	55.6	37.6	NS	15.4	32.4
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	1510	107	NS	18.9	98.2
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 92	< 90	< 25.4 U	< 23.9 U	< 21.6 U	NS	< 21.2 U	< 21.8	< 1800	< 23800 U	< 1030 U	< 3300	< 21.9 U	< 22.2 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	160	< 90	< 25.4 U	< 23.9 U	< 21.6 U	NS	< 21.2 U	< 21.8	3200	236000	16400	7600	< 21.9 U	27400
Aroclor 1254	ug/kg	NE	NE	NE	NE	160	< 90	< 25.4 U	< 23.9 U	< 21.6 U	NS	< 21.2 U	< 21.8	< 1800	< 23800 U	< 1030 U	< 3300	< 21.9 U	< 22.2 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 92	< 90	< 25.4 U	< 23.9 U	< 21.6 U	NS	< 21.2 U	< 21.8	< 1800	< 23800 U	< 1030 U	< 3300	< 21.9 U	374
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 92	< 90	< 25.4 U	< 23.9 U	< 21.6 U	NS	< 21.2 U	< 21.8	< 1800	< 23800 U	< 1030 U	< 3300	< 21.9 U	< 22.2 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	320	< 90	< 25.4 U	< 23.9 U	< 21.6 U	NS	< 21.2 U	< 21.8 U	3200	236000	16400	7600	< 21.9 U	27774
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	< 8.30 U	< 6.14 U	NS	NS	< 8.85	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	5.27	< 3.84 U	NS	NS	< 5.53	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	10.4	< 6.14 U	NS	NS	< 8.85	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	< 5.19 U	< 3.84 U	NS	NS	< 5.53	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	< 20.7 U	< 15.4 U	NS	NS	< 22.1	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	< 8.30 U	< 6.14 U	NS	NS	< 8.85	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	< 5.19 U	< 3.84 U	NS	NS	< 5.53	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	< 8.30 U	< 6.14 U	NS	NS	< 8.85	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	15.67	< 6.14	NS	NS	< 8.85	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	< 7.32 U	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	T15-SB365 4 - 5 ft	T16-SB367 11.5 - 12 ft	T16-SB367 2 - 2.5 ft	T16-SB367 7 - 8 ft	T17-SS265 0 - 0.25 ft	T6-SB428 1 - 2 ft	T6-SB428 11.5 - 12.5 ft	T6-SB428 5 - 6 ft	T6-SS223 0 - 0.25 ft	U11-SB421 1.5 - 2 ft	U11-SB421 11.5 - 12.5 ft	U11-SB421 2 - 3 ft	U11-SB421 6 - 7 ft	U12-SS195 0 - 0.25 ft
Sample ID	Sample Date	SDG					S-B365 (4-5)-0412	S-B367 (11.5-12) 041	S-B367 (2-2.5) 0412	S-B367 (7-8)-04101	T17-SS265 (0-3) 8/22/2011	S-B428(1-2)070312	S-B428(11.5-12.5)0705	S-B428(5-6)070312	T6-SS223 0-3 8/12/2011	U11-SB421 (1.5-2) 9/16/2020	U11-SB421 (11.5-12.5)070	U11-SB421(2-3)070211	U11-SB421(6-7)07021	U12-SS195 0-3 8/12/2011
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg		500	2500	NE	500	< 14.3 U	NS	NS	< 14.5 U	NS	NS	NS	< 52.2 U	NS	190	NS	NS	1060	< 35.5 U
Total Petroleum Hydrocarbons	mg/kg		500	2500	NE	500	< 14.3 U	NS	NS	< 14.5 U	NS	NS	NS	< 52.2 U	NS	NS	NS	NS	1060	< 35.5 U
Unidentified	mg/kg		NE	NE	NE	NE	< 14.3 U	NS	NS	< 14.5 U	NS	NS	NS	< 52.2 U	NS	NS	NS	NS	1060	< 35.5 U
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l		NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																				
1,1,1-Trichloroethane	ug/kg		4000	40000	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg		1400	14000	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg		NE	NE	NE	21000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg		3100	31000	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg		20	200	NE	6700	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg		12000	120000	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg		1500	15000	NE	26000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg		8000	80000	NE	500000	NS	NS	NS	< 72.5 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg		14000	140000	NE	500000	NS	NS	NS	< 72.5 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg		20	200	NE	21000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg		2000	20000	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg		NE	NE	NE	130000	NS	NS	NS	< 14.5 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg		1400	14000	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg		NE	NE	NE	NE	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg		10100	10100	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg		NE	19500	NE	NE	NS	NS	NS	< 14.5 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg		7000	14000	NE	500000	NS	NS	NS	< 72.5 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg		NE	19500	NE	NE	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg		NE	NE	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg		2000	20000	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg		100	1000	NE	12000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg		20000	67000	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg		19500	19500	NE	NE	NS	NS	NS	< 14.5 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg		2000	20000	NE	500000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg		100	1000	NE	56000	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg		40	400	NE	320	NS	NS	NS	< 7.3 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs-SPLP																				
Total VOC-SPLP	ug/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg		200	1000	NE	21000	< 354 U	NS	NS	< 361 U	NS	NS	NS	< 328 U	NS	NS	NS	NS	NS	< 1940 U
2-Methylnaphthalene	ug/kg		560	5600	NE	270000	< 354 U	NS	NS	< 361 U	NS	NS	NS	< 328 U	NS	NS	NS	NS	NS	< 1940 U
Acenaphthene	ug/kg		8400	84000	NE	1000000	< 354 U	NS	NS	< 361 U	NS	NS	NS	< 328 U	NS	NS	NS	NS	NS	< 1940 U
Acenaphthylene	ug/kg		8400	84000	NE	1000000	< 354 U	NS	NS	< 361 U	NS	NS	NS	< 328 U	NS	NS	NS	NS	NS	< 1940 U
Anthracene	ug/kg		40000	400000	NE	1000000	< 354 U	NS	NS	< 361 U	NS	NS	NS	< 328 U	NS	NS	NS	NS	NS	< 1940 U
Benzo(a)anthracene	ug/kg		1000	1000	NE	1000	< 354 U	NS	NS	< 361 U	NS	NS	NS	< 328 U	NS	NS	NS	NS	NS	< 1940 U
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	< 354 U	NS	NS	< 361 U	NS	NS	NS	< 328 U	NS	NS	NS	NS	NS	< 1940 U
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	< 354 U	NS	NS	< 361 U	NS	NS	NS	< 328 U	NS	NS	NS	NS	NS	< 1940 U
Benzo(g,h,i)perylene	ug/kg		1000	1000	NE	8400	< 354 U	NS	NS	< 361 U	NS	NS	NS	< 328 U	NS	NS	NS	NS	NS	< 1940 U
Benzo(k)fluoranthene	ug/kg		1000	1000	NE	8400	< 354 U	NS	NS	< 361 U	NS	NS	NS	< 328 U	NS	NS	NS	NS	NS	< 1940 U
Bis(2-ethylhexyl)phthalate	ug/kg		1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg		1000	1000	NE	84000	< 354 U	NS	NS	< 361 U	NS	NS	NS	< 328 U	NS	NS	NS	NS	NS	< 1940 U
Dibenzo(a,h)anthracene	ug/kg		1000	1000	NE	1000	< 354 U	NS	NS	< 361 U	NS	NS	NS	< 328 U	NS	NS	NS	NS	NS	< 1940 U
Fluoranthene	ug/kg		5600	56000	NE	1000000	< 354 U	NS	NS	< 361 U	NS	NS	NS	< 328 U	NS	NS	NS	NS	NS	1940
Fluorene	ug/kg		5600	56000	NE	1000000	< 354 U	NS	NS	< 361 U	NS	NS	NS	< 328 U	NS	NS	NS	NS	NS	< 1940 U
Indeno(1,2,3-cd)pyrene	ug/kg		1000	1000	NE	1000	< 354 U	NS	NS	< 361 U	NS	NS	NS	< 328 U	NS	NS	NS	NS	NS	< 1940 U
Naphthalene	ug/kg		5600	56000	NE	1000000	< 354 U	NS	NS	< 361 U	NS	NS	NS	< 328 U	NS	NS	NS	NS	NS	< 1940 U
Phenanthrene	ug/kg		4000	40000	NE	1000000	< 354 U	NS	NS	< 361 U	NS	NS	NS	< 328 U	NS	NS	NS	NS	NS	< 1940 U
Pyrene	ug/kg		4000	40000	NE	100														

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	T15-SB365 4 - 5 ft 4/12/2012 SB47192	T16-SB367 11.5 - 12 ft 4/12/2012 SB47192	T16-SB367 2 - 2.5 ft 4/12/2012 SB47192	T16-SB367 7 - 8 ft 4/10/2012 SB47192	T17-SS265 0 - 0.25 ft 8/22/2011 SB33952	T6-SB428 1 - 2 ft 7/3/2012 SB52216	T6-SB428 11.5 - 12.5 ft 7/3/2012 SB52216	T6-SB428 5 - 6 ft 7/3/2012 SB52216	T6-SS223 0 - 0.25 ft 8/12/2011 SB33374	U11-SB421 1.5 - 2 ft 9/16/2020 2010847	U11-SB421 11.5 - 12.5 ft 7/2/2012 SB52216	U11-SB421 2 - 3 ft 7/2/2012 SB52216	U11-SB421 6 - 7 ft 7/2/2012 SB52216	U12-SS195 0 - 0.25 ft 8/12/2011 SB33374
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 5.24 U	< 5.49 U	< 5.01 U	< 5.17 U	NS	< 5.46 UJ	< 5.31 UJ	< 9.66 UJ	NS	NS	< 18.3 UJ	< 5.23 UJ	< 5.77 UJ	NS
Arsenic	mg/kg	NE	NE	NE	10	< 1.57 U	< 1.65 U	< 1.50 U	< 7.75 U	2.84	< 1.64 U	< 1.59 U	4.97	5.66	NS	< 5.50 UJ	7.59 J	9.17 J	NS
Barium	mg/kg	NE	NE	NE	4700	74.0	35.0	92.7	56.4	NS	48.3 J+	83.1 J+	203 J+	NS	NS	< 5.50 UJ	172 J	239 J	623 J
Beryllium	mg/kg	NE	NE	NE	2	0.529	< 0.549 U	0.591	0.651	NS	< 0.546 U	< 0.531 U	1.25	NS	NS	< 1.83 UJ	< 0.523 UJ	< 0.577 UJ	NS
Cadmium	mg/kg	NE	NE	NE	34	< 0.524 U	< 0.549 U	< 0.501 U	< 0.517 U	NS	< 0.546 UJ	< 0.531 UJ	< 0.966 UJ	0.622	NS	< 1.83 UJ	1.15 J-	3.82 J-	NS
Chromium	mg/kg	NE	NE	NE	NE	17.0	NE	20.6	12.1 J-	NS	12.2 J-	20.6	34.2 J-	17.7	NS	20.0 J	22.8 J-	44.3 J-	NS
Copper	mg/kg	NE	NE	NE	2500	14.7	7.47	12.9	5.23	NS	9.54 J	14.3 J	25.2 J	NS	NS	29.7 J	136 J	281 J	NS
Lead	mg/kg	NE	NE	NE	400	4.41	3.87	13.3	4.96	NS	2.91 J	3.75 J	10.8 J	63.3	430	< 5.50 UJ	478 J	2310 J	NS
Mercury	mg/kg	NE	NE	NE	20	< 0.0304 U	< 0.0308 U	< 0.0305 U	< 0.0328 U	NS	< 0.0340 U	< 0.0318 U	< 0.0592 U	1.05	NS	0.117 J	0.268 J+	0.748 J+	NS
Nickel	mg/kg	NE	NE	NE	1400	12.5	6.61	11.0	9.59	NS	8.92 J-	10.7 J-	15.7 J-	NS	NS	29.8 J	19.1 J-	85.1 J-	NS
Selenium	mg/kg	NE	NE	NE	340	< 1.57 U	< 1.65 U	< 1.50 U	< 1.55 U	NS	< 1.64 UJ	< 1.59 UJ	< 2.90 UJ	NS	NS	< 5.50 UJ	< 1.57 UJ	< 1.73 UJ	NS
Silver	mg/kg	NE	NE	NE	340	< 1.57 U	< 1.65 U	< 1.50 U	< 1.55 U	NS	< 1.64 UJ	< 1.59 UJ	< 2.90 UJ	NS	NS	< 5.50 UJ	< 1.57 UJ	1.82 J-	NS
Thallium	mg/kg	NE	NE	NE	5.4	< 3.14 U	< 3.30 U	< 3.01 U	< 3.10 U	NS	< 3.27 U	< 3.18 U	< 5.80 U	NS	NS	< 11.0 UJ	< 3.14 UJ	< 3.46 UJ	NS
Vanadium	mg/kg	NE	NE	NE	470	17.2	13.3	21.7	19.7	NS	16.4	16.4	27.6	NS	NS	23.0 J	29.7	72.5	NS
Zinc	mg/kg	NE	NE	NE	20000	28.7	17.7	36.1	27.2	NS	19.6 J	15.9 J	18.7 J	NS	NS	< 33.0 UJ	376 J	1820 J	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 21.3 U	< 20.4 U	< 20.8 U	< 21.4 U	< 20.9 U	< 22.6 U	< 21.7 U	< 38.9 U	< 23.7 U	< 82	< 69.3 UJ	< 21.1 U	< 23.2 U	< 27.7 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 21.3 U	< 20.4 U	128	< 21.4 U	< 20.9 U	< 22.6 U	< 21.7 U	< 38.9 U	< 23.7 U	1500	< 69.3 UJ	1930	3130	72.2
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 21.3 U	< 20.4 U	< 20.8 U	< 21.4 U	< 20.9 U	< 22.6 U	< 21.7 U	< 38.9 U	< 23.7 U	< 82	< 69.3 UJ	< 21.1 U	< 23.2 U	< 27.7 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 21.3 U	< 20.4 U	< 20.8 U	< 21.4 U	< 20.9 U	< 22.6 U	< 21.7 U	< 38.9 U	< 23.7 U	100	< 69.3 UJ	151	215	35.4
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 21.3 U	< 20.4 U	< 20.8 U	< 21.4 U	< 20.9 U	< 22.6 U	< 21.7 U	< 38.9 U	< 23.7 U	< 82	< 69.3 UJ	< 21.1 U	< 23.2 U	< 27.7 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 21.3 U	< 20.4 U	128	< 21.4 U	< 20.9 U	< 22.6 U	< 21.7 U	< 38.9 U	< 23.7 U	1600	< 69.3 U	2080	3350	108
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 11.1 UJ
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 6.93 UJ
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 11.1 UJ
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	21.6 J
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	70.1 J-
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 11.1 UJ
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	18.3 J-
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 11.1 UJ
Total DDX	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 6.93
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	U13-SB233 0.5 - 2.5 ft 12/29/2011 SB41766	U13-SB233 0.5 - 2.5 ft 12/29/2011 SB41766	U13-SB233 2.5 - 4.5 ft 12/27/2011 SB41683	U13-SB233 7 - 8 ft 12/27/2011 SB41683	U13-SB233 8 - 9 ft 12/27/2011 SB41683	U13-SS45 0 - 0.5 ft 8/4/2011 SB32875	U13-SS45 0 - 0.25 ft 8/12/2011 SB33374	U14-SB329 1.5 - 2 ft 9/16/2020 2010847	U14-SB329 2 - 2.5 ft 4/11/2012 SB47196	U14-SB329 4 - 4.5 ft 4/11/2012 SB47196	U14-SB329 5 - 5.5 ft 4/11/2012 SB47196	U14-SS46 0 - 0.5 ft 8/4/2011 SB32875	U14-SS46 0 - 0.25 ft 8/31/2011 SB34491	U15-SB328 2.5 - 3 ft 4/11/2012 SB47196	
Metals																				
Antimony	mg/kg	NE	NE	NE	27	NS	NS	< 4.74 U	12.5	NS	NS	NS	< 4.83 UJ	< 16.9 UJ	< 4.79 UJ	NS	NS	NS	< 27.9 UJ	
Arsenic	mg/kg	NE	NE	NE	10	NS	NS	1.50	24.0	NS	NS	NS	< 1.45 U	8.53	< 1.44 U	NS	NS	NS	10.4	
Barium	mg/kg	NE	NE	NE	4700	NS	NS	99.1	1020	NS	NS	NS	NS	111	802	256	NS	NS	NS	604
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	0.531	< 0.617 U	NS	NS	NS	0.962	< 0.563 U	0.796	NS	NS	NS	< 0.558 U	
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	0.730	10.8	NS	NS	NS	< 0.483 U	9.30	0.508	NS	NS	NS	4.55	
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	17.2	61.9	NS	NS	NS	NS	32.1	89.4	109	NS	NS	NS	106
Copper	mg/kg	NE	NE	NE	2500	NS	NS	13.4	610	NS	NS	NS	NS	25.1	497	151	NS	NS	NS	1480
Lead	mg/kg	NE	NE	NE	400	NS	NS	13.1	3980	NS	NS	NS	NS	42.6 J	7660 J	192 J	NS	NS	NS	1690 J
Mercury	mg/kg	NE	NE	NE	20	NS	NS	< 0.0312 U	1.41	NS	NS	NS	< 0.0312 U	0.934 J+	0.0954 J+	NS	NS	NS	1.02 J+	
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	13.2	126	NS	NS	NS	NS	14.6	60.8	93.6	NS	NS	NS	75.8
Selenium	mg/kg	NE	NE	NE	340	NS	NS	< 1.42 U	< 2.65 U	NS	NS	NS	< 1.45 U	< 2.25 U	< 1.44 U	NS	NS	NS	< 1.67 U	
Silver	mg/kg	NE	NE	NE	340	NS	NS	< 1.42 U	2.62	NS	NS	NS	< 2.90 U	1.70	< 1.44 U	NS	NS	NS	< 8.37 U	
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	< 2.85 U	< 7.40 U	NS	NS	NS	< 2.90 U	< 10.7 U	< 2.97 U	NS	NS	NS	< 16.7 U	
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	20.9	90.2	NS	NS	NS	NS	33.5	144	33.2	NS	NS	NS	31.4
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	34.7	1820	NS	NS	NS	NS	85.2	2990	327	NS	NS	NS	1880
Metals-SPLP																				
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	< 6.5 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	< 4.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	146	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	< 2.5 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	11.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	35.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	< 46.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																				
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	< 1.39 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																				
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 22.7 U	< 22.9 U	< 22.0 U	< 27.4 U	< 26.3 U	< 22.3 U	< 27.3 U	< 6400	< 2070 U	< 24.7 U	< 2050 U	< 23.1 U	< 29.0	< 24500 U	
Aroclor 1248	ug/kg	NE	NE	NE	NE	79.6	103	< 22.0 U	5310	< 26.3 U	570	786	15000	16900	1260	94200	117	< 29.0	661000	
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 22.7 U	< 22.9 U	< 22.0 U	< 27.4 U	< 26.3 U	< 22.3 U	< 27.3 U	< 6400	< 2070 U	1130	< 2050 U	< 23.1 U	< 29.0	< 24500 U	
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 22.7 U	< 22.9 U	< 22.0 U	264	< 26.3 U	99.4	69.2	< 6400	< 2070 U	244	< 2050 U	< 23.1 U	< 29.0	< 24500 U	
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 22.7 U	< 22.9 U	< 22.0 U	< 27.4 U	< 26.3 U	< 22.3 U	< 27.3 U	< 6400	< 2070 U	< 24.7 U	< 2050 U	< 23.1 U	< 29.0	< 24500 U	
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	79.6	103	< 22.0 U	5570	< 26.3 U	669	855	15000	16900	2630	94200	117	< 29.0 U	661000	
PCBs-SPLP																				
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	< 0.286 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	< 0.286 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	< 0.286 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	< 0.286 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																				
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 11.1 UJ	NS	NS	NS	NS	NS	< 8.19	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 6.94 UJ	NS	NS	NS	NS	NS	< 5.12	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	< 11.1 UJ	NS	NS	NS	NS	NS	< 8.19	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 6.94 UJ	NS	NS	NS	NS	NS	8.10	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	< 27.7 UJ	NS	NS	NS	NS	NS	76.8	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	< 11.1 UJ	NS	NS	NS	NS	NS	< 8.19	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 6.94 UJ	NS	NS	NS	NS	NS	8.11	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	< 11.1 UJ	NS	NS	NS	NS	NS	< 8.19	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	< 6.94	NS	NS	NS	NS	NS	NS	< 8.19	NS
Pesticides-SPLP																				
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																				
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	U15-SB328 5 - 5.5 ft 4/11/2012 SB47196	U15-SS47 0 - 0.5 ft 8/4/2011 SB32875	U15-SS47 0 - 0.25 ft 8/12/2011 SB33374	U16-SB368 1.5 - 2 ft 9/16/2020 2010847	U16-SB368 11.5 - 12 ft 4/12/2012 SB47192	U16-SB368 3.5 - 4 ft 4/12/2012 SB47192	U16-SB368 5.5 - 6 ft 4/12/2012 SB47192	U17-SS184 0 - 0.25 ft 8/12/2011 SB33374	U17-SS266 0 - 0.25 ft 8/28/2011 SB33952	U7-SB409 1 - 1.3 ft 6/28/2012 SB51990	U7-SB409 1.5 - 2.5 ft 6/28/2012 SB51990	U7-SB409 11.5 - 12.5 ft 6/28/2012 SB51990	U7-SB409 11.5 - 12.5 ft 6/28/2012 SB51990	V10-SS145 0 - 0.5 ft 8/5/2011 SB32945
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	NS	NS	NS	NS	27.1	NS	NS	NS	211	NS	NS	109
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	NS	NS	NS	NS	27.1	NS	NS	NS	211	NS	NS	109
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	27.1	NS	NS	NS	211	NS	NS	109
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	31000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	< 205 U	NS	NS	< 427 U
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	< 205 U	NS	NS	< 427 U
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	< 205 U	NS	NS	< 427 U
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	< 205 U	NS	NS	< 427 U
Anthracene	ug/kg	40000	400000	NE	1000000	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	< 205 U	NS	NS	< 427 U
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	353	NS	NS	< 427 U
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	270	NS	NS	< 427 U
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	266	NS	NS	< 427 U
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	< 205 U	NS	NS	< 427 U
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	333	NS	NS	< 427 U
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	337	NS	NS	< 427 UJ
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	< 205 U	NS	NS	< 427 U
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	956	NS	NS	< 427 U
Fluorene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	< 205 U	NS	NS	< 427 U
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	< 205 U	NS	NS	< 427 U
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	< 205 U	NS	NS	< 427 U
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	490	NS	NS	< 427 U
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	< 472 U	NS	NS	NS	593	NS	NS	< 427 U
SVOCs-SPLP																			
1-Methylnaphthalene	ug/l	NE	NE	50	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/l	NE	NE	280	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	ug/l	NE	NE	4200	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	ug/l	NE	NE	20000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	ug/l	NE	NE	0.6	NE	NS	NS	NS											

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	U15-SB328 5 - 5.5 ft SB328 (5-5.5) 0411 4/11/2012 SB47196	U15-SS47 0 - 0.5 ft U15-SS47-080411 8/4/2011 SB32875	U15-SS47 0 - 0.25 ft U15-SS47 0-3 8/12/2011 SB33374	U16-SB368 1.5 - 2 ft U16-SB368 (1.5-2)- 9/16/2020 2010847	U16-SB368 11.5 - 12 ft SB368 (11.5-12) 0411 4/12/2012 SB47192	U16-SB368 3.5 - 4 ft SB368 (3.5-4) 0412 4/12/2012 SB47192	U16-SB368 5.5 - 6 ft SB368 (5.5-6) 0412 4/12/2012 SB47192	U17-SS184 0 - 0.25 ft U17-SS184 0-3 8/12/2011 SB33374	U17-SS266 0 - 0.25 ft U17-SS266 (0-3) 8/22/2011 SB33952	U7-SB409 1 - 1.3 ft SB409(1-1.3)-0628 6/28/2012 SB51990	U7-SB409 1.5 - 2.5 ft SB409(1.5-2.5)-0628 6/28/2012 SB51990	U7-SB409 11.5 - 12.5 ft SB409(11.5-12.5)-0628 6/28/2012 SB51990	U7-SB409 11.5 - 12.5 ft SB409(11.5-12.5)-0628 6/28/2012 SB51990	V10-SS145 0 - 0.5 ft V10-SS145-080511 8/5/2011 SB32945
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 4.92 UJ	NS	NS	NS	< 4.94 U	< 5.44 U	< 7.25 U	NS	NS	< 5.46 UJ	< 5.90 UJ	< 7.51 UJ	< 7.74 UJ	NS
Arsenic	mg/kg	NE	NE	NE	10	< 1.48 U	NS	NS	NS	< 1.48 U	< 1.63 U	< 2.17 U	4.02	3.82	3.86	10.8	3.76	5.52	6.20
Barium	mg/kg	NE	NE	NE	4700	102	NS	NS	NS	37.9	96.2	180	NS	NS	73.9	126	88.2	86.0	6.20
Beryllium	mg/kg	NE	NE	NE	2	< 0.492 U	NS	NS	NS	< 0.494 U	0.658	3.51	NS	NS	< 0.546 U	0.687	< 0.751 U	< 0.774 U	NS
Cadmium	mg/kg	NE	NE	NE	34	< 0.492 U	NS	NS	NS	< 0.494 U	< 0.544 U	< 0.725 U	0.838	NS	< 0.546 U	0.951	< 0.751 U	0.984	< 0.36 U
Chromium	mg/kg	NE	NE	NE	23.4	NE	NS	NS	NS	5.70	22.4	29.8	15.2	NS	29.8	28.7	25.6	31.5	19.0
Copper	mg/kg	NE	NE	NE	2500	58.5	NS	NS	NS	7.14	17.9	23.6	NS	NS	16.8 J	84.7 J	29.8 J	70.4 J	NS
Lead	mg/kg	NE	NE	NE	400	54.9 J	NS	NS	31	3.21	36.4	11.1	37.3	NS	19.7 J	170 J	8.20 J	8.23 J	73.5
Mercury	mg/kg	NE	NE	NE	20	0.0767 J+	NS	NS	NS	< 0.0291 U	0.0702	0.0797	0.0644	NS	< 0.0315 U	1.53 J+	< 0.0417 U	< 0.0447 U	0.15
Nickel	mg/kg	NE	NE	NE	1400	11.4	NS	NS	NS	4.32	11.8	12.2	NS	NS	20.1 J	21.4 J	20.4 J	36.3 J	NS
Selenium	mg/kg	NE	NE	NE	340	< 1.48 U	NS	NS	NS	< 1.48 U	< 1.63 U	< 2.17 U	NS	NS	< 1.64 U	< 1.77 U	< 2.25 U	< 2.32 U	NS
Silver	mg/kg	NE	NE	NE	340	< 1.48 U	NS	NS	NS	< 1.48 U	< 1.63 U	< 2.17 U	NS	NS	< 1.64 U	< 1.77 U	< 2.25 U	< 2.32 U	NS
Thallium	mg/kg	NE	NE	NE	5.4	< 2.95 U	NS	NS	NS	< 2.97 U	< 3.26 U	< 4.35 U	NS	NS	< 3.28 U	< 3.54 U	< 4.51 U	< 4.64 U	NS
Vanadium	mg/kg	NE	NE	NE	470	20.1	NS	NS	NS	10.5	26.4	35.2	NS	NS	26.9	23.6	23.6	29.6	NS
Zinc	mg/kg	NE	NE	NE	20000	131	NS	NS	NS	15.1	59.4	21.4	NS	NS	40.1	252	52.5	51.7	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 216 U	< 22.6 U	< 24.0 U	< 1700	< 21.0 U	< 22.2 U	< 27.3 U	< 22.3 U	< 20.7 U	< 22.3 U	< 23.0 U	< 28.5 U	< 30.9 U	< 25.2 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	3520	430	55.1	6200	< 21.0 U	3300	< 27.3 U	132	< 20.7 U	< 22.3 U	312	< 28.5 U	< 30.9 U	< 25.2 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 216 U	< 22.6 U	< 24.0 U	< 1700	< 21.0 U	< 22.2 U	< 27.3 U	< 22.3 U	< 20.7 U	< 22.3 U	< 23.0 U	< 28.5 U	< 30.9 U	< 25.2 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 216 U	35.8	< 24.0 U	< 1700	44.1	93.2	< 27.3 U	< 22.3 U	< 20.7 U	< 22.3 U	410	< 28.5 U	< 30.9 U	< 25.2 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 216 U	< 22.6 U	< 24.0 U	< 1700	< 21.0 U	< 22.2 U	< 27.3 U	< 22.3 U	< 20.7 U	< 22.3 U	< 23.0 U	< 28.5 U	< 30.9 U	< 25.2 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	3520	466	55.1	6200	44.1	3390	< 27.3 U	132	< 20.7 U	< 22.3 U	722	< 28.5 U	< 30.9 U	< 25.2 U
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	< 9.35 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.89 U
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	< 5.84 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6.40 J
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	< 9.35 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS R
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	9.40 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	7.47 J
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	34.6 J-	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	27.7
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	< 9.35 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.89 U
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	11.1 J-	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	7.06
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	< 9.35 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 9.89 U
Total DDx	ug/kg	3	20	NE	1800	NS	NS	< 9.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6.4
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 8.30 U

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Greenwich High School
 10 Hillside Road
 Greenwich, CT

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	V10-SS145 0 - 0.25 ft V10-SS145 0-3 8/12/2011 SB33374	V12-SB422 13.5 - 14 ft SB422(13.5-14)07022 7/2/2012 SB52216	V12-SB422 3 - 4 ft SB422(3-4)07021 7/2/2012 SB52216	V12-SB422 4 - 7 ft SB422(4-7)07021 7/2/2012 SB52216	V13-SS51 0 - 0.5 ft V13-SS51-080411 8/4/2011 SB32875	V13-SS51 0 - 0.25 ft V13-SS51 0-3 8/12/2011 SB33374	V14-SS52 0 - 0.5 ft V14-SS52-080411 8/4/2011 SB32875	V14-SS52 0 - 0.25 ft V14-SS52 0-3 8/12/2011 SB33374	V15-SS299 0 - 0.25 ft V15SS299 0-3-08231 8/23/2011 SB34022	V16-SB34 1 - 2 ft V16-SB34 1-2 8/10/2011 SB33209	V16-SB34 2 - 3 ft V16-SB34 2-3 8/10/2011 SB33209	V16-SB34 3 - 4 ft V16-SB34 3-4 8/10/2011 SB33209	V16-SB34 4 - 4.6 ft V16-SB34 4-4.6 8/10/2011 SB33209	V16-SB34 6 - 7 ft V16-SB34 6-7 8/10/2011 SB33209	
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	NS	117	NS	NS	NS	NS	NS	NS	NS	390	NS	52.4	
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	NS	117	NS	NS	NS	NS	NS	NS	NS	390	NS	52.4	
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	117	NS	NS	NS	NS	NS	NS	NS	390	NS	52.4	
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VOCs																				
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,2-Dichlorobenzene	ug/kg	3100	3100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VOCs-SPLP																				
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
SVOCs																				
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 UJ
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 U
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 U
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 U
Anthracene	ug/kg	40000	400000	NE	1000000	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 U
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 U
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 U
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 U
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 U
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 U
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 U
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 U
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 U
Fluorene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 U
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 U
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 U
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 U
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	< 366 U	NS	< 212 U	NS	NS	NS	NS	NS	NS	< 776 U	NS	< 382 U
SVOCs-SPLP																				
1-Methylnaphthalene	ug/l	NE	NE	50	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/l	NE	NE	280	NE	NS	NS	NS												

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	V10-SS145 0 - 0.25 ft V10-SS145 0-3 8/12/2011 SB33374	V12-SB422 13.5 - 14 ft SB422(13.5-14)07022 7/2/2012 SB52216	V12-SB422 3 - 4 ft 22-SB422(3-4)070212 7/2/2012 SB52216	V12-SB422 4 - 7 ft 22-SB422(4-7)070212 7/2/2012 SB52216	V13-SS51 0 - 0.5 ft V13-SS51-080411 8/4/2011 SB32875	V13-SS51 0 - 0.25 ft V13-SS51 0-3 8/12/2011 SB33374	V14-SS52 0 - 0.5 ft V14-SS52-080411 8/4/2011 SB32875	V14-SS52 0 - 0.25 ft V14-SS52 0-3 8/12/2011 SB33374	V15-SS299 0 - 0.25 ft V15SS299 0-3-08231 8/23/2011 SB34022	V16-SB34 1 - 2 ft V16-SB34 1-2 8/10/2011 SB33209	V16-SB34 2 - 3 ft V16-SB34 2-3 8/10/2011 SB33209	V16-SB34 3 - 4 ft V16-SB34 3-4 8/10/2011 SB33209	V16-SB34 4 - 4.6 ft V16-SB34 4-4.6 8/10/2011 SB33209	V16-SB34 6 - 7 ft V16-SB34 6-7 8/10/2011 SB33209		
Metals																					
Antimony	mg/kg	NE	NE	NE	27	NS	< 5.56 UJ	< 5.39 UJ	< 5.50 UJ	NS	NS	NS	NS	NS	NS	< 5.65 U	< 5.81 U	NS	NS		
Arsenic	mg/kg	NE	NE	NE	10	8.18	2.03	4.49 J-	< 3.30 UJ	NS	NS	NS	5.46	NS	NS	24.3	8.42	NS	3.04		
Barium	mg/kg	NE	NE	NE	4700	NS	39.7 J+	127 J	163 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Beryllium	mg/kg	NE	NE	NE	2	NS	< 0.556 U	0.602 J-	0.875 J-	NS	NS	NS	NS	NS	NS	< 0.565 U	< 0.581 U	NS	NS		
Cadmium	mg/kg	NE	NE	NE	34	0.917	< 0.556 UJ	< 0.539 UJ	< 0.550 UJ	NS	NS	NS	0.647	NS	NS	NS	10.2	2.16	NS	< 0.558 U	
Chromium	mg/kg	NE	NE	NE	NE	23.5	10.7 J-	29.6 J-	44.3 J-	NS	NS	NS	16.4	NS	NS	NS	64.3	52.0	NS	23.8	
Copper	mg/kg	NE	NE	NE	2500	NS	8.80 J	39.5 J	43.6 J	NS	NS	NS	NS	NS	NS	NS	99.6	257	NS	NS	
Lead	mg/kg	NE	NE	NE	400	104	2.59 J	57.5 J	31.3 J	NS	NS	NS	43.2	NS	NS	NS	3320	369	NS	18.4	
Mercury	mg/kg	NE	NE	NE	20	0.230	< 0.0308 U	0.111 J+	0.114 J+	NS	NS	NS	0.124	NS	NS	NS	1.57	0.246	NS	0.0408	
Nickel	mg/kg	NE	NE	NE	1400	NS	9.98 J-	16.5 J-	29.3 J-	NS	NS	NS	NS	NS	NS	NS	78.2	40.8	NS	NS	
Selenium	mg/kg	NE	NE	NE	340	NS	< 1.67 UJ	< 1.62 UJ	< 1.65 UJ	NS	NS	NS	NS	NS	NS	NS	< 7.01 U	< 1.74 U	NS	NS	
Silver	mg/kg	NE	NE	NE	340	NS	< 1.67 UJ	< 1.62 UJ	< 1.65 UJ	NS	NS	NS	NS	NS	NS	NS	NS	15.1	< 1.74 U	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	< 3.34 U	< 3.24 UJ	< 3.30 UJ	NS	NS	NS	NS	NS	NS	NS	< 3.39 U	< 3.49 U	NS	NS	
Vanadium	mg/kg	NE	NE	NE	470	NS	14.8	33.4	46.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Zinc	mg/kg	NE	NE	NE	20000	NS	18.4 J	76.9 J	67.9 J	NS	NS	NS	NS	NS	NS	NS	3190	1080	NS	NS	
Metals-SPLP																					
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 15.0 UJ	NS	NS	NS	
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Cyanide																					
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
PCBs																					
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 25.8 U	< 21.4 U	< 21.7 U	< 22.0 U	< 21.4 U	< 23.7 U	< 22.4 U	< 21.5 U	< 23.5 U	< 21.0 U	< 24.9 U	< 22.7 U	< 25.9 U	< 22.1 U	< 22.1 U	
Aroclor 1248	ug/kg	NE	NE	NE	NE	48.1	< 21.4 U	3960	1880 J	549	237	195	77.2	101	< 21.0 U	1470	34500	< 25.9 U	< 22.1 U	< 22.1 U	
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 25.8 U	< 21.4 U	< 21.7 U	< 22.0 U	< 21.4 U	< 23.7 U	< 22.4 U	< 21.5 U	< 23.5 U	< 21.0 U	< 24.9 U	< 22.7 U	< 25.9 U	< 22.1 U	< 22.1 U	
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 25.8 U	< 21.4 U	123	41.8 J	60.8	33.4	23.0	< 21.5 U	< 23.5 U	< 21.0 U	72.1	203	< 25.9 U	< 22.1 U	< 22.1 U	
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 25.8 U	< 21.4 U	< 21.7 U	< 22.0 U	< 21.4 U	< 23.7 U	< 22.4 U	< 21.5 U	< 23.5 U	< 21.0 U	< 24.9 U	< 22.7 U	< 25.9 U	< 22.1 U	< 22.1 U	
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	48.1	< 21.4 U	4080	1920	610	270	218	77.2	101	< 21.0 U	1540	34703	< 25.9 U	< 22.1 U	< 22.1 U	
PCBs-SPLP																					
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.276 UJ	NS	NS	
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.276 UJ	NS	NS	
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4.46	NS	NS	
Pesticides																					
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 8.96 UJ	< 9.23 U	NS	39.7	NS	NS	NS	NS	
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	5.67 J-	< 5.77 U	NS	14.5 J	NS	NS	NS	NS	
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	< 8.96 UJ	< 9.23 U	NS	56.4	NS	NS	NS	NS	
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	10.2 J	8.10 J	NS	< 6.28 U	NS	NS	NS	NS	
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	103 J-	28.3	NS	< 25.1 U	NS	NS	NS	NS	
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	< 8.96 UJ	< 9.23 U	NS	< 10.0 U	NS	NS	NS	NS	
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	10.0 J	7.17	NS	< 6.28 U	NS	NS	NS	NS	
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	< 8.96 UJ	< 9.23 U	NS	20.2	NS	NS	NS	NS	
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	5.67	< 9.23	NS	110.6	NS	NS	NS	NS	
Pesticides-SPLP																					
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Herbicides																					
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Greenwich High School
 10 Hillside Road
 Greenwich, CT

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	V16-SB34 7 - 8 ft 8/10/2011 SB33209	V16-SB34 8 - 8.5 ft 8/10/2011 SB33209	V17-SS55 0 - 0.5 ft 8/4/2011 SB32875	V17-SS55 0 - 0.25 ft 8/11/2011 SB33374	V18-SB380 1 - 1.5 ft 6/25/2012 SB51792	V18-SB380 3 - 5 ft 6/25/2012 SB51792	V21A-SB401 2 - 3 ft 6/27/2012 SB51902	V21A-SB401 4 - 5 ft 6/27/2012 SB51902	V21A-SB401 5 - 5.5 ft 6/27/2012 SB51902	V6-SB427 11.5 - 12 ft 7/3/2012 SB52216	V6-SB427 2 - 3 ft 7/3/2012 SB52216	V6-SS222 0 - 0.25 ft 8/12/2011 SB33374	V6-SS222 0 - 0.25 ft 8/12/2011 SB33374	V9A-SB310 2.5 - 4 ft 2/17/2012 SB44128	
CTETPH																					
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg		500	2500	NE	500	NS	NS	NS	NS	NS	94.1	NS	< 29.8 U	NS	NS	< 36.5 U	NS	NS	NS	
Total Petroleum Hydrocarbons	mg/kg		500	2500	NE	500	NS	NS	NS	NS	NS	94.1	NS	< 29.8 U	NS	NS	< 36.5 U	NS	NS	NS	
Unidentified	mg/kg		NE	NE	NE	NE	NS	NS	NS	NS	NS	94.1	NS	< 29.8 U	NS	NS	< 36.5 U	NS	NS	NS	
CTETPH-SPLP																					
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l		NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Total Petroleum Hydrocarbons	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Unidentified	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
VOCS																					
1,1,1-Trichloroethane	ug/kg		4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	< 67.6 UJ
1,1-Dichloroethane	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	< 67.6 U
1,2,4-Trichlorobenzene	ug/kg		NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 UJ	NS	NS	< 67.6 U
1,2,4-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	487
1,2-Dichlorobenzene	ug/kg		3100	3100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	133
1,2-Dichloroethane	ug/kg		20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	< 67.6 U
1,3,5-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	87.2
1,3-Dichlorobenzene	ug/kg		12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	< 67.6 U
1,4-Dichlorobenzene	ug/kg		1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	< 67.6 U
2-Butanone (MEK)	ug/kg		8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	< 67.6 U
Acetone	ug/kg		14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	< 67.6 U
Benzene	ug/kg		20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	100
Chlorobenzene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	< 67.6 U
Chloroethane	ug/kg		NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	< 135 U
cis-1,2-Dichloroethylene	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	1080
Ethyl ether	ug/kg		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	< 67.6 U
Ethylbenzene	ug/kg		10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 UJ	NS	NS	144
Isopropylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	< 67.6 U
m,p-Xylenes	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	221
Methyl Isobutyl Ketone	ug/kg		7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	< 67.6 U
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	155
n-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	< 67.6 U
n-Propylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	114
o-Xylene	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 UJ	NS	NS	72.3
p-Isopropyltoluene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	< 67.6 U
sec-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	< 67.6 U
Styrene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	< 67.6 U
tert-butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	< 67.6 U
Tetrachloroethylene	ug/kg		100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	141
Toluene	ug/kg		20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	391
Total Xylenes	ug/kg		19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 179 U	NS	NS	293
trans-1,2-Dichloroethylene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	269
Trichloroethene	ug/kg		100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 U	NS	NS	1220
Vinyl chloride	ug/kg		40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 89.5 UJ	NS	NS	332
VOCS-SPLP																					
Total VOC-SPLP	ug/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																					
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																					
1-Methylnaphthalene	ug/kg		200	1000	NE	21000	NS	NS	NS	NS	NS	< 998 U	NS	< 192 U	NS	NS	NS	< 229 U	NS	NS	NS
2-Methylnaphthalene	ug/kg		560	5600	NE	270000	NS	NS	NS	NS	NS	< 998 U	NS	< 192 U	NS	NS	NS	< 229 U	NS	NS	NS
Acenaphthene	ug/kg		8400	84000	NE	1000000	NS	NS	NS	NS	NS	< 998 U	NS	< 192 U	NS	NS	NS	< 229 U	NS	NS	NS
Acenaphthylene	ug/kg		8400	84000	NE	1000000	NS	NS	NS	NS	NS	< 998 U	NS	< 192 U	NS	NS	NS	< 229 U	NS	NS	NS
Anthracene	ug/kg		40000	400000	NE	1000000	NS	NS	NS	NS	NS	< 998 U	NS	< 192 U	NS	NS	NS	< 229 U	NS	NS	NS
Benzo(a)anthracene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	< 998 U	NS	< 192 U	NS	NS	NS	< 229 U	NS	NS	NS
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	< 998 U	NS	< 192 U	NS	NS	NS	< 229 U	NS	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	< 998 U	NS	< 192 U	NS	NS	NS	< 229 U	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg		1000	1000	NE	8400	NS	NS	NS	NS	NS	< 998 U	NS	< 192 U	NS	NS	NS	< 229 U	NS	NS	NS
Benzo(k)fluoranthene	ug/kg		1000	1000	NE	8400	NS	NS	NS	NS	NS	< 998 U	NS	< 192 U	NS	NS	NS	< 229 U	NS	NS	NS
Bis(2-ethylhexyl)phthalate	ug/kg		1000	11000	NE	44000	NS	NS	NS	NS	NS	< 998 U	NS	< 192 U	NS	NS	NS	< 229 U	NS	NS	NS
Chrysene	ug/kg		1000	1000	NE	84000	NS	NS	NS	NS	NS	< 998 U	NS	< 192 U	NS	NS	NS	< 229 U	NS	NS	NS
Dibenzo(a,h)anthracene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	< 998 U	NS	< 192 U	NS	NS	NS	< 229 U	NS	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	< 998 U	NS	< 192 U	NS	NS	NS	< 229 U	NS	NS	NS
Fluorene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	< 998 U	NS	< 192 U	NS	NS	NS	< 229 U	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	< 998 U	NS	< 192 U	NS	NS	NS	< 229 U	NS	NS	NS
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	< 998									

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	V16-SB34 7 - 8 ft V16-SB34 7-8 8/10/2011 SB33209	V16-SB34 8 - 8.5 ft V16-SB34 8-8.5 8/10/2011 SB33209	V17-SS55 0 - 0.5 ft V17-SS55-080411 8/4/2011 SB32875	V17-SS55 0 - 0.25 ft V17-SS55 0-3 8/11/2011 SB33374	V18-SB380 1 - 1.5 ft V18-SB380 (1-1.5)-06 6/25/2012 SB51792	V18-SB380 3 - 5 ft V18-SB380 (3-5)-062 6/25/2012 SB51792	V21A-SB401 2 - 3 ft V21A-SB401(2-3)-0627 6/27/2012 SB51902	V21A-SB401 4 - 5 ft V21A-SB401 (4-5)-0627 6/27/2012 SB51902	V21A-SB401 5 - 5.5 ft V21A-SB401 (5-5.5)-0627 6/27/2012 SB51902	V6-SB427 11.5 - 12 ft V6-SB427(11.5-12)0703 7/3/2012 SB52216	V6-SB427 2 - 3 ft V6-SB427(2-3)070312 7/3/2012 SB52216	V6-SS222 0 - 0.25 ft DUPLICATE-13 8/12/2011 SB33374	V6-SS222 0 - 0.25 ft V6-SS222 0-3 8/12/2011 SB33374	V9A-SB310 2.5 - 4 ft V9A-SB310(2.5-4)-0217 2/17/2012 SB44128
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS	< 4.88 UJ	< 5.41 UJ	< 5.51 U	< 4.91 U	< 5.06 U	< 4.93 UJ	< 6.09 UJ	NS	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	NS	NS	NS	NS	< 1.46 U	3.71	5.31	4.61 J+	5.87 J+	< 1.48 U	< 1.83 U	NS	NS	NS
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	111	302	215	81.5	333	61.1 J+	188 J+	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	0.873	1.02	0.727	< 0.491 U	< 0.506 U	< 0.493 U	0.845	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	NS	NS	< 0.488 U	0.747	0.552	< 0.491 U	< 0.506 U	< 0.493 UJ	< 0.609 UJ	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	22.6	87.8	38.0	20.6	40.7	9.90 J-	91.8 J-	NS	NS	NS
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	43.9	147	18.7	20.5	13.5	11.6 J	17.8 J	NS	NS	NS
Lead	mg/kg	NE	NE	NE	400	NS	NS	NS	NS	37.7	287	28.9	65.2	21.6	3.47 J	7.70 J	NS	NS	NS
Mercury	mg/kg	NE	NE	NE	20	NS	NS	NS	NS	0.0572	0.318	< 0.0334 U	0.0882	0.0699	< 0.0305 U	< 0.0380 U	NS	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	12.6	70.1	15.9	12.1	15.3	8.02 J-	33.3 J-	NS	NS	NS
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	< 1.46 U	< 1.62 U	< 1.65 U	< 1.47 U	< 1.52 U	< 1.48 UJ	< 1.83 UJ	NS	NS	NS
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	< 2.93 U	< 1.62 U	< 1.65 U	< 1.47 U	< 1.52 U	< 1.48 UJ	< 3.90 UJ	NS	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS	< 2.93 U	< 6.49 U	< 3.30 U	< 2.95 U	< 3.04 U	< 2.96 U	< 3.66 U	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	27.2	50.3	36.2	22.7	32.8	17.4	53.2	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	67.1	385	50.6	67.4	43.9	16.2 J	32.5 J	NS	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	NS	< 45.3 U	< 20.4 U	< 19.8 U	< 21.7 U	< 22.9 U	< 22.6 U	< 21.2 U	< 22.2 U	< 21.2 U	< 25.8 U	< 25.8 U	< 26.3 U	NS
Aroclor 1248	ug/kg	NE	NE	NE	NE	NS	< 45.3 U	107	< 19.8 U	538	17600	< 22.6 U	< 21.2 U	< 22.2 U	< 21.2 U	< 25.8 U	< 25.8 U	< 26.3 U	NS
Aroclor 1254	ug/kg	NE	NE	NE	NE	NS	< 45.3 U	< 20.4 U	< 19.8 U	< 21.7 U	< 22.9 U	< 22.6 U	< 21.2 U	< 22.2 U	< 21.2 U	< 25.8 U	< 25.8 U	< 26.3 U	NS
Aroclor 1260	ug/kg	NE	NE	NE	NE	NS	< 45.3 U	< 20.4 U	< 19.8 U	< 21.7 U	501	< 22.6 U	< 21.2 U	< 22.2 U	< 21.2 U	< 25.8 U	< 25.8 U	< 26.3 U	NS
Aroclor 1262	ug/kg	NE	NE	NE	NE	NS	< 45.3 U	< 20.4 U	< 19.8 U	< 21.7 U	< 22.9 U	< 22.6 U	< 21.2 U	< 22.2 U	< 21.2 U	< 25.8 U	< 25.8 U	< 26.3 U	NS
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	NS	< 45.3 U	107	< 19.8 U	538	18101	< 22.6 U	< 21.2 U	< 22.2 U	< 21.2 U	< 25.8 U	< 25.8 U	< 26.3 U	NS
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	< 18.2 U	NS	NS	< 8.37 U	NS	NS	NS	NS	NS	NS	NS	NS	< 10.8 U	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	< 11.4 U	NS	NS	< 5.23 U	NS	NS	NS	NS	NS	NS	NS	NS	< 6.73 U	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	< 18.2 U	NS	NS	< 8.37 U	NS	NS	NS	NS	NS	NS	NS	NS	< 10.8 U	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	< 11.4 U	NS	NS	< 5.23 U	NS	NS	NS	NS	NS	NS	NS	NS	13.5 J	NS
Chlordane	ug/kg	NE	NE	NE	490	< 45.6 U	NS	NS	< 20.9 U	NS	NS	NS	NS	NS	NS	NS	NS	39.0	NS
Endrin	ug/kg	NE	NE	NE	20000	< 18.2 U	NS	NS	< 8.37 U	NS	NS	NS	NS	NS	NS	NS	NS	< 10.8 U	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	< 11.4 U	NS	NS	< 5.23 U	NS	NS	NS	NS	NS	NS	NS	NS	11.3	NS
Methoxychlor	ug/kg	800	8000	NE	340000	< 18.2 U	NS	NS	< 8.37 U	NS	NS	NS	NS	NS	NS	NS	NS	< 10.8 U	NS
Total DDx	ug/kg	3	20	NE	1800	< 18.2 U	NS	NS	< 8.37 U	NS	NS	NS	NS	NS	NS	NS	NS	< 6.73 U	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	V9A-SB310 8 - 10 ft 2/17/2012 SB44128	V9B-SS 0 - 0.5 ft 2/16/2012 SB44128	V9C-SS 0 - 0.5 ft 2/16/2012 SB44128	V9D-SS 0 - 0.5 ft 2/16/2012 SB44128	V9E-SS 0 - 0.5 ft 2/16/2012 SB44128	V9-SB234 0.5 - 2.5 ft 12/27/2011 SB41720	V9-SB234 1 - 2 ft 9/16/2020 2010847	V9-SB234 2.5 - 4.5 ft 12/27/2011 SB41720	V9-SB234 6 - 7 ft 12/27/2011 SB41720	W11-SS59 0 - 0.5 ft 8/4/2011 SB32875	W11-SS59 0 - 0.25 ft 8/12/2011 SB33374	W15 1.5 - 2 ft 9/16/2020 2010847	W15-SS300 0 - 0.25 ft 8/23/2011 SB34022	W20-SB49 0 - 1 ft 8/10/2011 SB33209
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	NS	NS	NS	NS	NS	161	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	NS	NS	NS	NS	NS	161	NS	NS	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	161	NS	NS	NS	NS	NS	NS
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCS																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	< 7.3 U	< 130 UJ	< 108 UJ	< 144 UJ	< 128 UJ	NS	< 1.3	< 112 U	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	< 112 U	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	< 112 U	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	387	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	3100	NE	500000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	< 112 U	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	112	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	153	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	< 112 U	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	< 112 U	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	< 73.4 U	< 1300 U	< 1080 UJ	< 1440 U	< 1280 U	NS	< 27	< 1120 U	NS	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	137	< 1300 U	< 1080 U	< 1440 U	< 1280 U	NS	< 67	< 1120 U	NS	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	247	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	< 112 U	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	< 14.7 U	< 260 U	< 216 UJ	< 289 UJ	< 255 UJ	NS	< 1.3	< 224 U	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	1540	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	NS	< 112 U	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	299	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	< 112 U	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	< 14.7 U	< 260 U	< 216 U	< 289 U	< 255 U	NS	< 2.7	523	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	< 73.4 U	< 1300 U	< 1080 U	< 1440 U	< 1280 U	NS	< 13	1120	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 2.7	367	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	< 7.3 UJ	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	< 112 U	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	128	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	157	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	< 112 U	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	< 112 U	NS	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	< 112 U	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	< 112 U	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	205	NS	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	3990	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	< 14.7 U	< 260 U	< 216 U	< 289 U	< 255 U	NS	< 2.7	680	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	133	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	< 7.3 U	< 130 U	< 108 U	< 144 U	< 128 U	NS	< 1.3	1350	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	< 7.3 U	< 130 U	< 108 UJ	< 144 UJ	< 128 UJ	NS	< 6.7	766 J+	NS	NS	NS	NS	NS	NS
VOCS-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	NS	NS	NS	NS	NS	NS	< 439 U	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	NS	NS	NS	NS	NS	NS	< 439 U	NS	NS	NS	NS	NS	NS
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	< 439 U	NS	NS	NS	NS	NS	NS
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	< 439 UJ	NS	NS	NS	NS	NS	NS
Anthracene	ug/kg	40000	400000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	< 439 U	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	< 439 U	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	< 439 U	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	< 439 U	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	NS	NS	NS	NS	NS	< 439 U	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	NS	NS	NS	NS	NS	< 439 U	NS	NS	NS	NS	NS	NS
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	1160	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	NS	NS	NS	NS	NS	< 439 U	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	< 439 U	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	1030	NS	NS	NS	NS	NS	NS
Fluorene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	< 439 U	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	< 439 U	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS												

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	V9A-SB310 8 - 10 ft SB310(8-10)-0217 2/17/2012 SB44128	V9B-SS 0 - 0.5 ft V9B-SS-021612-1 2/16/2012 SB44128	V9C-SS 0 - 0.5 ft V9C-SS-021612-1 2/16/2012 SB44128	V9D-SS 0 - 0.5 ft V9D-SS-021612-1 2/16/2012 SB44128	V9E-SS 0 - 0.5 ft V9E-SS-021612-1 2/16/2012 SB44128	V9-SB234 0.5 - 2.5 ft V9-SB234 (.50-2.50)- 12/27/2011 SB41720	V9-SB234 1 - 2 ft V9-SB234 (1-2)-1 9/16/2020 2010847	V9-SB234 2.5 - 4.5 ft V9-SB234 (2.5-4.5)-1 12/27/2011 SB41720	V9-SB234 6 - 7 ft V9-SB234 (6-7)-1 12/27/2011 SB41720	W11-SS59 0 - 0.5 ft W11-SS59-080411 8/4/2011 SB32875	W11-SS59 0 - 0.25 ft W11-SS59 0-3 8/12/2011 SB33374	W15 1.5 - 2 ft W15(1.5-2)-1 9/16/2020 2010847	W15-SS300 0 - 0.25 ft W15SS300 0-3-08231 8/23/2011 SB34022	W20-SB49 0 - 1 ft W20-SB49 0-1 8/10/2011 SB33209
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS	NS	NS	NS	8.57 J-	< 5.35 UJ	NS	NS	NS	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	NS	NS	NS	NS	NS	NS	NS	17.8	3.51	NS	NS	NS	NS	NS
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	NS	NS	NS	958 J	69.0 J	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	NS	NS	NS	< 0.596 U	< 0.535 U	NS	NS	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	NS	NS	NS	NS	NS	13.1 J	0.588 J	NS	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	121 J	19.0 J	NS	NS	NS	NS	NS
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	NS	NS	NS	276 J	5.96 J	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	NE	400	NS	NS	NS	NS	NS	NS	32	2020 J	24.7 J	NS	NS	NS	NS	NS
Mercury	mg/kg	NE	NE	NE	20	NS	NS	NS	NS	NS	NS	NS	< 5.03 U	< 0.765 U	NS	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	68.7 J	6.08 J	NS	NS	NS	NS	NS
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	< 2.44 U	< 1.60 U	NS	NS	NS	NS	NS
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	2.29 J	< 1.60 UJ	NS	NS	NS	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS	NS	NS	NS	< 4.17 U	< 3.21 U	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	NS	NS	NS	58.1 J+	14.0 J+	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	2130 J	47.5 J	NS	NS	NS	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 11.0 UJ	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 4.0 UJ	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	106 J	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 2.5 UJ	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	10.7 J	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	7.3 J	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	38.2 J	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 5.0 UJ	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 5.0 UJ	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 46.0 UJ	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	3.99	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 22.1 U	NS	< 25.8 U	< 21.6 U	< 21.4 U	< 25.0 U	< 84	< 25.0 U	< 22.1 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	163	NS	18200	< 21.6 U	143	53.1	240	< 25.0 U	< 22.1 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 22.1 U	NS	< 25.8 U	< 21.6 U	< 21.4 U	< 25.0 U	< 84	< 25.0 U	< 22.1 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 22.1 U	NS	984	< 21.6 U	29.0 J	< 25.0 U	< 84	< 25.0 U	< 22.1 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 22.1 U	NS	< 25.8 U	< 21.6 U	< 21.4 U	< 25.0 U	< 84	< 25.0 U	< 22.1 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	NS	NS	NS	NS	NS	163	NS	19184	< 21.6 U	172	53.1	240	< 25.0 U	< 22.1 U
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 0.2 UJ	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 0.2 UJ	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 0.2 UJ	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 0.2 U	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 10.2 U	NS	< 10.2 U	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 6.38 U	NS	< 6.36 U	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 10.2 U	NS	17.6	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	31.2 J	NS	131 J	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	96.9	NS	299	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 10.2 U	NS	< 10.2 U	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	19.9	NS	102	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 10.2 U	NS	< 10.2 U	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 6.38	NS	17.6	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	W20-SB49 1 - 2 ft W20-SB49 1-2 8/10/2011 SB33209	W20-SB49 2 - 3 ft W20-SB49 2-3 8/10/2011 SB33209	W20-SB49 3 - 3.4 ft W20-SB49 3-3.4 8/10/2011 SB33209	W20-SB49 5 - 6 ft W20-SB49 5-6 8/10/2011 SB33209	W20-SB49 7 - 8 ft W20-SB49 7-8 8/10/2011 SB33209	W20-SB49 8 - 9 ft W20-SB49 8-9 8/10/2011 SB33209	W21-SB50 1 - 1.7 ft W21-SB50 1-1.7 8/10/2011 SB33209	W7-SB408 1 - 1.5 ft SB408(1-1.5)-0628 6/28/2012 SB5190	W7-SB408 2.5 - 3.5 ft SB408(2.5-3.5)-0628 6/28/2012 SB5190	W7-SB408 9 - 10 ft SB408(9-10)-0628 6/28/2012 SB5190	X/Y14 1.5 - 2 ft X/Y14(1.5-2)-1. 9/16/2020 2010847	X10-SS202 0 - 0.25 ft X10-SS202 0-3 8/12/2011 SB33374	X12-SS192 0 - 0.25 ft DUPLICATE-17 8/12/2011 SB33374	X12-SS192 0 - 0.25 ft X12-SS192 0-3 8/12/2011 SB33374	
Metals																				
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	< 6.50 U	NS	NS	NS	< 5.57 UJ	< 5.56 UJ	< 12.2 UJ	NS	NS	NS	NS	
Arsenic	mg/kg	NE	NE	NE	10	NS	17.6	5.83	34.3	< 1.49 U	NS	2.91	4.32	7.00	5.31	NS	NS	NS	7.71	
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	NS	NS	NS	96.6	459	108	NS	NS	NS	NS	
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	0.780	NS	NS	NS	< 0.557 U	< 0.556 U	< 1.22 U	NS	NS	NS	NS	
Cadmium	mg/kg	NE	NE	NE	34	NS	0.955	NS	< 0.650 U	0.824	NS	0.590	0.802	3.95	< 1.22 U	NS	NS	NS	0.705	
Chromium	mg/kg	NE	NE	NE	NE	NS	37.5	NS	27.9	33.3	NS	21.2	20.9	87.8	24.2	NS	NS	NS	20.8	
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	31.2	NS	NS	NS	29.0 J	397 J	36.5 J	NS	NS	NS	NS	
Lead	mg/kg	NE	NE	NE	400	NS	123	NS	135	7.05	NS	52.5	103 J	765 J	6.05 J	24	NS	NS	60.6	
Mercury	mg/kg	NE	NE	NE	20	NS	0.427	NS	0.579	< 0.0307 U	NS	0.120	< 0.0319 U	0.540 J+	< 0.0748 U	NS	NS	NS	0.239	
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	14.1	NS	NS	NS	14.9 J	27.5 J	40.7 J	NS	NS	NS	NS	
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	< 1.95 U	NS	NS	NS	< 1.67 U	< 3.34 U	< 3.66 U	NS	NS	NS	NS	
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	< 1.95 U	NS	NS	NS	< 1.67 U	< 1.67 U	< 3.66 U	NS	NS	NS	NS	
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	< 3.90 U	NS	NS	NS	< 3.34 U	< 3.34 U	< 7.32 U	NS	NS	NS	NS	
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	NS	NS	NS	23.7	27.0	25.6	NS	NS	NS	NS	
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	144	NS	NS	NS	103	950	68.0	NS	NS	NS	NS	
Metals-SPLP																				
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																				
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																				
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 21.9 U	< 26.1 U	NS	< 25.8 U	NS	< 21.2 U	< 21.5 U	< 21.5 U	< 24.0 U	< 49.3 U	< 87	< 26.4 U	< 26.8 U	< 25.4 U	
Aroclor 1248	ug/kg	NE	NE	NE	NE	132	< 26.1 U	NS	< 25.8 U	NS	< 21.2 U	< 21.5 U	< 21.5 U	3850	< 49.3 U	170	< 26.4 U	239	295	
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 21.9 U	< 26.1 U	NS	< 25.8 U	NS	< 21.2 U	< 21.5 U	< 21.5 U	< 24.0 U	< 49.3 U	< 87	< 26.4 U	< 26.8 U	< 25.4 U	
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 21.9 U	< 26.1 U	NS	< 25.8 U	NS	< 21.2 U	< 21.5 U	< 21.5 U	209	< 49.3 U	< 87	< 26.4 U	175 J	< 25.4 UJ	
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 21.9 U	< 26.1 U	NS	< 25.8 U	NS	< 21.2 U	< 21.5 U	< 21.5 U	< 24.0 U	< 49.3 U	< 87	< 26.4 U	< 26.8 U	< 25.4 U	
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	132	< 26.1 U	NS	< 25.8 U	NS	< 21.2 U	< 21.5 U	< 21.5 U	4060	< 49.3 U	170	< 26.4 U	414	295	
PCBs-SPLP																				
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																				
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 9.04 U	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	< 9.04 U	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 5.65 U	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	< 22.6 U	NS	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	< 9.04 U	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 5.65 U	NS	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	< 9.04 U	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	9.4	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																				
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																				
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	X13-SB324 12 - 12.5 ft SB324 (12-12.5) 0411 4/11/2012 SB47196	X13-SB324 4 - 4.5 ft SB324 (4-4.5) 0411 4/11/2012 SB47196	X13-SB324 7.5 - 8 ft SB324 (7.5-8) 0411 4/11/2012 SB47196	X14-SB325 12 - 12.5 ft SB325 (12-12.5) 0411 4/11/2012 SB47196	X14-SB325 4.5 - 5 ft SB325 (4.5-5) 0411 4/11/2012 SB47196	X14-SB325 4.5 - 5 ft SB325 (4.5-5) 0411 4/11/2012 SB47196	X14-SB325 9.5 - 10 ft SB325 (9.5-10) 0411 4/11/2012 SB47196	X14-SS65 0 - 0.5 ft X14-SS65-080411 8/4/2011 SB32875	X14-SS65 0 - 0.25 ft X14-SS65 0-3 8/12/2011 SB33374	X15-SB326 12 - 12.5 ft SB326 (12-12.5) 0411 4/11/2012 SB47196	X15-SB326 4.5 - 5 ft SB326 (4.5-5) 0411 4/11/2012 SB47196	X15-SB326 9.5 - 10 ft SB326 (9.5-10) 0411 4/11/2012 SB47196	X15-SS301 0 - 0.25 ft 15SS301 0-3-08231 8/23/2011 SB34022	X15-SS66 0 - 0.5 ft X15-SS66-080411 8/4/2011 SB32875
Metals																			
Antimony	mg/kg	NE	NE	NE	27	< 6.41 UJ	< 5.23 UJ	< 30.3 UJ	< 5.89 UJ	< 5.25 UJ	< 5.69 UJ	< 12.6 UJ	NS	NS	< 6.32 UJ	< 5.85 UJ	< 25.3 UJ	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	5.73	< 1.57 U	15.0	< 1.77 U	< 1.57 U	< 1.71 U	2.95	NS	NS	< 1.90 U	< 1.75 U	< 1.52 U	3.33	NS
Barium	mg/kg	NE	NE	NE	4700	622	203	1120	429	173	170	616	NS	NS	714	73.2	764	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	< 0.641 U	< 0.523 U	< 0.606 U	0.666	< 0.525 U	< 0.569 U	< 0.571 U	NS	NS	< 0.632 U	< 0.585 U	< 0.507 U	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	3.43	0.591	6.45	2.07	0.535	1.75	5.45	NS	NS	2.83	< 0.585 U	4.81	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	40.1	26.4	46.5	66.6	24.5	25.2	49.5	NS	NS	56.8	49.2	67.9	NS	NS
Copper	mg/kg	NE	NE	NE	2500	695	58.7	652	160	50.6	56.1	891	NS	NS	460	12.1	652	NS	NS
Lead	mg/kg	NE	NE	NE	400	3630 J	322 J	27300 J	313 J	534 J	205 J	1600 J	NS	NS	655 J	9.67 J	1100 J	24.1	NS
Mercury	mg/kg	NE	NE	NE	20	0.437 J+	0.456 J+	1.02 J+	0.223 J+	0.167 J+	0.122 J+	2.81 J+	NS	NS	0.665 J+	< 0.0336 U	2.30 J+	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	30.2	16.8	147	39.4	16.7	17.7	58.8	NS	NS	45.4	11.3	73.4	NS	NS
Selenium	mg/kg	NE	NE	NE	340	< 1.92 U	< 1.82 U	< 1.82 U	< 1.77 U	< 1.57 U	< 1.71 U	< 1.71 U	NS	NS	< 1.90 U	< 1.75 U	< 1.75 U	NS	NS
Silver	mg/kg	NE	NE	NE	340	1.92	< 1.57 U	< 1.82 U	< 1.77 U	< 1.57 U	< 1.71 U	< 1.71 U	NS	NS	< 1.90 U	< 1.75 U	< 1.75 U	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	< 3.85 U	< 3.14 U	< 18.2 U	< 7.07 U	< 3.15 U	< 3.41 U	< 7.42 U	NS	NS	< 7.58 U	< 3.51 U	< 15.2 U	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	43.2	27.2	58.0	27.2	29.3	32.9	20.9	NS	NS	66.0	20.9	115	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	1270	283	33400	527	234	245	1660	NS	NS	1040	36.3	2040	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 25.0 U	< 22.1 U	< 25.9 U	< 2420 U	< 206 U	< 217 U	< 2390 U	< 22.9 U	< 29.4 U	< 2600 U	< 24.6 U	< 21800 U	< 23.7 U	< 22.1 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	3520	1620	19300	196000	< 206 U	< 217 U	285000	1420	< 29.4 U	63500	374	386000	< 23.7 U	< 22.1 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 25.0 U	< 22.1 U	< 25.9 U	< 2420 U	< 206 U	< 217 U	< 2390 U	< 22.9 U	< 29.4 U	< 2600 U	< 24.6 U	< 21800 U	< 23.7 U	< 22.1 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	46.5	71.7	404	2500	98.7 J	48.0 J	5220	115	< 29.4 U	< 2600 U	< 24.6 U	< 21800 U	< 23.7 U	< 22.1 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 25.0 U	< 22.1 U	< 25.9 U	< 2420 U	< 20.6 U	< 21.7 U	< 2390 U	< 22.9 U	< 29.4 U	< 2600 U	< 24.6 U	< 21800 U	< 23.7 U	< 22.1 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	3570	1690	19704	199000	98.7	48.0	290000	1540	< 29.4 U	63500	374	386000	< 23.7 U	< 22.1 U
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 12.0 U	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 7.49 U	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	< 12.0 U	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	34.1 J	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	101	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	< 12.0 U	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	30.0	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	NS	NS	NS	< 12.0 U	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	< 7.49	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
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Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	X15-SS66 0 - 0.5 ft X15-SS66-080511 8/5/2011 SB32945	X16-SB327 1.5 - 2 ft SB327 (1.5-2) 0411 4/11/2012 SB47196	X16-SB327 10.5 - 11 ft SB327 (10.5-11) 0411 4/11/2012 SB47196	X16-SB327 7 - 7.5 ft SB327 (7-7.5) 0411 4/11/2012 SB47196	X17-SB266 2 - 3 ft SB266 (2-3)-12281 12/28/2011 SB41712	X17-SB266 3 - 4 ft SB266 (3-4)-12281 12/28/2011 SB41712	X17-SB266 5 - 6 ft SB266 (5-6)-12281 12/28/2011 SB41712	X18-SB381 11 - 12 ft SB381 (11-12)-06251 6/25/2012 SB51792	X18-SB381 3 - 4 ft SB381 (3-4)-06251 6/25/2012 SB51792	X18-SB381 3 - 4 ft SB381 (3-4)-06251 6/25/2012 SB51792	X18-SB381 7 - 9 ft SB381 (7-9)-06251 6/25/2012 SB51792	X18-SB381 7 - 9 ft SB381 (7-9)-06251 6/25/2012 SB51792	X21-SB57 0 - 1 ft X21-SB57 0-1 8/10/2011 SB33209	X21-SB57 1 - 2 ft X21-SB57 1-2 8/10/2011 SB33209
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	52.8	NS	NS	170	NS	728	NS	NS	NS	NS	63.1 J	207 J	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	52.8	NS	NS	170	NS	728	NS	NS	NS	NS	63.1 J	207 J	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	52.8	NS	NS	170	NS	728	NS	NS	NS	NS	63.1 J	207 J	NS	NS
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	< 0.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	< 0.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	< 0.1 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg	3100	31000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	< 424 U	NS	NS	< 443 U	NS	< 1110 U	NS	NS	NS	NS	< 192 U	< 380 U	NS	NS
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	< 424 U	NS	NS	< 443 U	NS	< 1110 U	NS	NS	NS	NS	< 192 U	< 380 U	NS	NS
Acenaphthene	ug/kg	8400	84000	NE	1000000	< 424 U	NS	NS	< 443 U	NS	< 1110 U	NS	NS	NS	NS	< 192 U	< 380 U	NS	NS
Acenaphthylene	ug/kg	8400	84000	NE	1000000	< 424 U	NS	NS	< 443 U	NS	< 1110 UJ	NS	NS	NS	NS	< 192 U	< 380 U	NS	NS
Anthracene	ug/kg	40000	400000	NE	1000000	< 424 U	NS	NS	< 443 U	NS	< 1110 U	NS	NS	NS	NS	331	< 380 U	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	< 424 U	NS	NS	< 443 U	NS	< 1110 U	NS	NS	NS	NS	1030 J	< 380 UJ	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	< 424 U	NS	NS	< 443 U	NS	< 1110 U	NS	NS	NS	NS	803 J	< 380 UJ	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	< 424 U	NS	NS	< 443 U	NS	< 1110 U	NS	NS	NS	NS	830 J	< 380 UJ	NS	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	< 424 U	NS	NS	< 443 U	NS	< 1110 U	NS	NS	NS	NS	333	< 380 U	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	< 424 U	NS	NS	< 443 U	NS	< 1110 U	NS	NS	NS	NS	687 J	< 380 UJ	NS	NS
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	< 424 UJ	NS	NS	< 443 U	NS	< 1110 U	NS	NS	NS	NS	964 J	< 380 UJ	NS	NS
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	< 424 U	NS	NS	< 443 U	NS	< 1110 U	NS	NS	NS	NS	< 192 U	< 380 U	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	< 424 U	NS	NS	< 443 U	NS	< 1110 U	NS	NS	NS	NS	2320 J	520 J	NS	NS
Fluorene	ug/kg	5600	56000	NE	1000000	< 424 U	NS	NS	< 443 U	NS	< 1110 U	NS	NS	NS	NS	< 192 U	< 380 U	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	< 424 U	NS	NS	< 443 U	NS	< 1110 U	NS	NS	NS	NS	392	< 380 U	NS	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	< 424 U	NS	NS	< 443 U	NS	< 1110 U	NS	NS	NS	NS	< 192 U	< 380 U	NS	NS
Phenanthrene	ug/kg	4000	40000	NE	1000000	< 424 U	NS	NS	< 443 U	NS	< 1110 U	NS	NS	NS	NS	1190 J	< 380 UJ	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	< 424 U	NS	NS	< 443 U	NS	< 1110 U	NS	NS	NS	NS	1850 J	461 J	NS	NS
SVOCs-SPLP																			
1-Methylnaphthalene	ug/l	NE	NE	50	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Methylnaphthalene	ug/l	NE	NE	280	NE	NS													

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	X15-SS66 0 - 0.5 ft X15-SS66-080511 8/5/2011 SB32945	X16-SB327 1.5 - 2 ft X16-SB327 (1.5-2) 0411 4/11/2012 SB47196	X16-SB327 10.5 - 11 ft X16-SB327 (10.5-11) 0411 4/11/2012 SB47196	X16-SB327 7 - 7.5 ft X16-SB327 (7-7.5) 0411 4/11/2012 SB47196	X17-SB266 2 - 3 ft X17-SB266 (2-3)-122811 12/28/2011 SB41712	X17-SB266 3 - 4 ft X17-SB266 (3-4)-122811 12/28/2011 SB41712	X17-SB266 5 - 6 ft X17-SB266 (5-6)-122811 12/28/2011 SB41712	X18-SB381 11 - 12 ft X18-SB381 (11-12)-062519 6/25/2012 SB51792	X18-SB381 3 - 4 ft X18-SB381 (3-4)-062519 6/25/2012 SB51792	X18-SB381 3 - 4 ft X18-SB381 (3-4)-062519 6/25/2012 SB51792	X18-SB381 7 - 9 ft X18-SB381 (7-9)-062519 6/25/2012 SB51792	X18-SB381 7 - 9 ft X18-SB381 (7-9)-062519 6/25/2012 SB51792	X21-SB57 0 - 1 ft X21-SB57 0-1 8/10/2011 SB33209	X21-SB57 1 - 2 ft X21-SB57 1-2 8/10/2011 SB33209
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	< 4.99 UJ	< 8.35 UJ	< 32.4 UJ	NS	27.6 J-	< 5.33 UJ	< 5.70 UJ	< 4.99 UJ	< 4.99 UJ	< 5.03 UJ	< 5.79 UJ	NS	NS
Arsenic	mg/kg	NE	NE	NE	10	3.29	1.82	5.11	2.71	NS	35.3 J	8.97 J	< 1.71 U	< 1.50 U	< 1.50 U	2.66	3.19	NS	NS
Barium	mg/kg	NE	NE	NE	4700	NS	117	314	800	NS	1250 J	334 J	61.3	172	1250 J	468	677	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	0.684	1.60	< 0.649 U	NS	< 0.663 U	1.02	< 0.570 U	0.793	0.774	0.800	0.724	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	< 0.35 U	< 0.499 U	< 0.835 U	11.6	NS	19.9 J	3.55 J	< 0.570 U	< 0.499 U	< 0.499 U	1.09	1.01	NS	NS
Chromium	mg/kg	NE	NE	NE	25.6	NE	25.2	71.6	69.2	NS	86.7 J	128 J	14.1	58.2	55.9	58.0	65.7	NS	NS
Copper	mg/kg	NE	NE	NE	2500	NS	27.1	35.7	1580	NS	756 J	90.8 J	19.8	21.2	16.7	702 J	139 J	NS	NS
Lead	mg/kg	NE	NE	NE	400	17.3	42.5 J	277 J	2210 J	NS	5640 J	474 J	5.77	13.2	11.3	404 J	905 J	NS	NS
Mercury	mg/kg	NE	NE	NE	20	< 0.07 U	0.0899 J+	0.494 J+	0.662 J+	NS	< 1.11 U	< 1.07 U	< 0.0352 U	< 0.0306 U	< 0.0312 U	0.303	0.210	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	13.6	48.4	192	NS	110 J	93.5 J	15.3	22.1	19.7	38.1	50.7	NS	NS
Selenium	mg/kg	NE	NE	NE	340	NS	< 1.50 U	< 2.50 U	< 9.73 U	NS	< 3.98 U	< 1.60 U	< 1.71 U	< 1.50 U	< 1.51 U	< 1.74 U	< 1.74 U	NS	NS
Silver	mg/kg	NE	NE	NE	340	NS	< 1.50 U	< 2.50 U	< 9.73 U	NS	5.53 J	1.69 J	< 1.71 U	< 2.99 U	< 3.00 U	< 3.02 U	< 1.74 U	NS	NS
Thallium	mg/kg	NE	NE	NE	5.4	NS	< 3.00 U	< 5.01 U	< 19.5 U	NS	< 17.2 U	< 6.40 U	< 3.42 U	< 2.99 U	< 3.00 U	< 3.02 U	< 6.95 U	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	30.7	67.6	101	NS	57.7 J	55.3 J	19.0	45.4	44.7	57.5	61.1	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	87.5	188	2120	NS	3450 J	469 J	47.6	52.7	50.7	533	914	NS	NS
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	< 35.0 U	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	< 4.0 U	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	108	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	< 2.5 U	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	23.4	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	20.4	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	< 34.0 U	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 25.4 U	< 22.0 U	< 35.8 U	< 2630 U	< 21.8 U	< 25.5 U	< 464 U	NS	< 20.5 U	< 20.4 U	< 22.9 U	< 22.0 U	< 22.6 U	< 21.4 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 25.4 U	229	299	64900	< 21.8 U	< 25.5 U	< 464 U	NS	93.4	71.3	5350	4940	113	454
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 25.4 U	< 22.0 U	< 358 U	< 2630 U	< 21.8 U	25400 J	< 464 U	NS	< 20.5 U	< 20.4 U	< 22.9 U	< 22.0 U	< 22.6 U	< 21.4 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 25.4 U	< 22.0 U	52.4	< 2630 U	< 21.8 U	1830 J	< 464 U	NS	< 20.5 U	< 20.4 U	< 22.9 UJ	234 J	< 22.6 U	< 21.4 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 25.4 U	< 22.0 U	< 35.8 U	< 2630 U	< 21.8 U	< 25.5 U	< 464 U	NS	< 20.5 U	< 20.4 U	< 22.9 U	< 22.0 U	< 22.6 U	< 21.4 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 25.4 U	229	351	64900	< 21.8 U	27230	< 464 U	NS	93.4	71.3	5350	5170	113	454
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 0.211 U	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 0.211 U	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 0.211 U	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	< 0.211 U	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	< 6.93 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 8.54 U
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	< 4.33 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 5.34 U
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	< 6.93 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 8.54 U
alpha-Chlordane	ug/kg	NE	NE	NE	NE	43.2 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	9.53
Chlordane	ug/kg	NE	NE	NE	490	213	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	61.9
Endrin	ug/kg	NE	NE	NE	20000	< 6.93 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 8.54 U
gamma-Chlordane	ug/kg	NE	NE	NE	NE	28.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6.74
Methoxychlor	ug/kg	800	8000	NE	340000	< 6.93 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 8.54 U
Total DDx	ug/kg	3	20	NE	1800	< 6.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 8.54
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	< 8.49 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	X21-SB57 2 - 2.5 ft X21-SB57 2-2.5 8/10/2011 SB33209	X8-SS214 0 - 0.25 ft X8-SS214 0-3 8/12/2011 SB33374	Y10.5 1.5 - 2 ft Y10.5(1.5-2)-1 9/17/2020 2010953	Y12-SB235 0.5 - 2.5 ft Y12-SB235 (.50-2.50) 12/27/2011 SB41720	Y12-SB235 14 - 15 ft Y12-SB235 (14-15)- 12/27/2011 SB41720	Y12-SB235 5 - 6 ft Y12-SB235 (5-6)-1 12/27/2011 SB41720	Y12-SB235 8 - 10 ft Y12-SB235 (8-10)-1 12/27/2011 SB41720	Y13-SB315 4.5 - 5 ft Y13-SB315 (4.5-5) 04099- SB315 (6-7) 04099- 4/9/2012 SB47196	Y13-SB315 6 - 7 ft Y13-SB315 (6-7) 04099- 4/9/2012 SB47196	Y13-SS308 0 - 0.25 ft Y13-SS308 0-3-08231- 8/23/2011 SB34022	Y14-SB314 12.5 - 13.5 ft Y14-SB314(12.5-13.5)-040- 4/9/2012 SB46946	Y14-SB314 4 - 4.5 ft Y14-SB314(4-4.5)-0409- 4/9/2012 SB46946	Y14-SB314 9 - 10 ft Y14-SB314(9-10)-0409- 4/9/2012 SB46946	Y15-SB310 10 - 11 ft Y15-SB310(10-11)-0409- 4/9/2012 SB46946
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	196	NS	NS	NS	NS	168	NS	37.6	NS	NS	NS	NS	NS	1130	259
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	196	NS	NS	NS	NS	168	NS	37.6	NS	NS	NS	NS	NS	1130	259
Unidentified	mg/kg	NE	NE	NE	NE	196	NS	NS	NS	NS	168	NS	37.6	NS	NS	NS	NS	NS	1130	259
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.1 U	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.1 U	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.1 U	NS
VOCs																				
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	104
1,2-Dichlorobenzene	ug/kg	3100	31000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 168 U
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	151
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	133
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	368 J
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	141
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	282
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	509
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	227 J
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 84.2 U
VOCs-SPLP																				
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	< 370 U	NS	NS	NS	NS	< 443 U	NS	< 366 U	NS	NS	NS	NS	NS	< 430 U	< 432 U
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	< 370 U	NS	NS	NS	NS	< 443 U	NS	< 366 U	NS	NS	NS	NS	NS	< 430 U	< 432 U
Acenaphthene	ug/kg	8400	84000	NE	1000000	< 370 U	NS	NS	NS	NS	< 443 U	NS	< 366 U	NS	NS	NS	NS	NS	< 430 U	< 432 U
Acenaphthylene	ug/kg	8400	84000	NE	1000000	< 370 U	NS	NS	NS	NS	< 443 U	NS	< 366 U	NS	NS	NS	NS	NS	< 430 U	< 432 U
Anthracene	ug/kg	40000	400000	NE	1000000	< 370 U	NS	NS	NS	NS	< 443 U	NS	< 366 U	NS	NS	NS	NS	NS	< 430 U	< 432 U
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	< 370 U	NS	NS	NS	NS	507	NS	< 366 U	NS	NS	NS	NS	NS	< 430 U	< 432 U
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	< 370 U	NS	NS	NS	NS	457	NS	< 366 U	NS	NS	NS	NS	NS	< 430 U	< 432 U
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	< 370 U	NS	NS	NS	NS	< 443 U	NS	< 366 U	NS	NS	NS	NS	NS	< 430 U	< 432 U
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	< 370 U	NS	NS	NS	NS	< 443 U	NS	< 366 U	NS	NS	NS	NS	NS	< 430 U	< 432 U
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	< 370 U	NS	NS	NS	NS	< 443 U	NS	< 366 U	NS	NS	NS	NS	NS	< 430 U	< 432 U
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	< 443 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	< 370 U	NS	NS	NS	NS	< 443 U	NS	< 366 U	NS	NS	NS	NS	NS	< 430 U	< 432 U
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	< 370 U	NS	NS	NS	NS	< 443 U	NS	< 366 U	NS	NS	NS	NS	NS	< 430 U	< 432 U
Fluoranthene	ug/kg	5600	56000	NE	1000000	< 370 U	NS	NS	NS	NS	1000	NS	< 366 U	NS	NS	NS	NS	NS	1040	< 432 U
Fluorene	ug/kg	5600	56000	NE	1000000	< 370 U	NS	NS	NS	NS	< 443 U	NS	< 366 U	NS	NS	NS	NS	NS	< 430 U	< 432 U
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	< 370 U	NS	NS	NS	NS	< 443 U	NS	< 366 U	NS	NS	NS	NS	NS	< 430 U	< 432 U
Naphthalene	ug/kg	5600	56000	NE	1000000	< 370 U	NS	NS	NS	NS	< 443 U	NS								

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	X21-SB57 2 - 2.5 ft X21-SB57 2-2.5 8/10/2011 SB33209	X8-SS214 0 - 0.25 ft X8-SS214 0-3 8/12/2011 SB33374	Y10.5 1.5 - 2 ft Y10.5(1.5-2)-1 9/17/2020 20I0953	Y12-SB235 0.5 - 2.5 ft 12-SB235 (.50-2.50) 12/27/2011 SB41720	Y12-SB235 14 - 15 ft Y12-SB235 (14-15)-1 12/27/2011 SB41720	Y12-SB235 5 - 6 ft Y12-SB235 (5-6)-1 12/27/2011 SB41720	Y12-SB235 8 - 10 ft Y12-SB235 (8-10)-1 12/27/2011 SB41720	Y13-SB315 4.5 - 5 ft SB315 (4.5-5) 0409 4/9/2012 SB47196	Y13-SB315 6 - 7 ft SB315 (6-7) 0409 4/9/2012 SB47196	Y13-SS308 0 - 0.25 ft 8/23/2011 SB34022	Y14-SB314 12.5 - 13.5 ft B314(12.5-13.5)-0409 4/9/2012 SB46946	Y14-SB314 4 - 4.5 ft SB314(4-4.5)-0409 4/9/2012 SB46946	Y14-SB314 9 - 10 ft SB314(9-10)-0409 4/9/2012 SB46946	Y15-SB310 10 - 11 ft SB310(10-11)-0409 4/9/2012 SB46946
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS	< 13.7 UJ	136 J-	8.28 J-	< 5.28 UJ	< 4.66 UJ	NS	< 5.56 UJ	< 5.52 UJ	19.0 J-	6.51 J-
Arsenic	mg/kg	NE	NE	NE	10	3.65	NS	4.2	NS	< 4.12 U	31.4	21.5	< 1.58 U	< 1.40 U	NS	< 8.34 U	3.48	11.4	< 8.94 U
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	186 J	733 J	1040 J	109	51.5	NS	356	73.9	768	697
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	< 1.37 U	< 0.619 U	< 0.616 U	< 0.528 U	0.760	NS	< 0.556 U	0.555	< 0.623 U	< 0.596 U
Cadmium	mg/kg	NE	NE	NE	34	0.722	NS	NS	NS	1.46 J	10.5 J	14.9 J	< 0.528 U	< 0.466 U	NS	3.36	< 0.552 U	13.0	5.24
Chromium	mg/kg	NE	NE	NE	NE	48.0	NS	NS	NS	32.2 J	55.5 J	NS	23.8	34.9	NS	60.7	22.9	53.0	80.5
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	28.5 J	14000 J	659 J	36.8	25.9	NS	207 J	20.6 J	484 J	556 J
Lead	mg/kg	NE	NE	NE	400	24.3	NS	53	NS	8.07 J	3690 J	2380 J	301 J	25.0 J	NS	464 J	13.4 J	1590 J	1460 J
Mercury	mg/kg	NE	NE	NE	20	0.0413	NS	NS	NS	< 2.04 U	< 0.985 U	< 1.05 U	0.247 J+	< 0.0303 U	NS	0.277 J	0.0356 J	1.12 J	0.829 J
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	39.8 J	107 J	144 J	14.1	17.5	NS	38.5 J	12.1 J	53.6 J	65.9 J
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	< 4.12 U	< 2.48 U	< 1.85 U	< 1.58 U	< 1.40 U	NS	< 1.67 U	< 1.67 U	< 1.87 U	< 1.79 U
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	< 4.12 UJ	4.80 J	51.4 J	< 1.58 U	< 1.40 U	NS	< 8.34 U	< 1.66 U	< 9.34 U	< 8.94 U
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS	< 8.25 U	< 10.5 U	< 6.16 U	< 3.17 U	< 2.80 U	NS	< 3.34 U	< 3.31 U	< 3.74 U	< 3.58 U
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	30.9 J+	46.7 J+	136 J+	23.7	41.9	NS	27.2	20.9	35.6	44.5
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	125 J	5390 J	4160 J	132	64.9	NS	765 J	43.8 J	13000 J	3050 J
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 8.0 U	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 15.0 U	230
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 22.1 U	< 25.7 U	< 460	< 22.7 U	< 52.2 U	< 25.9 U	< 25.8 U	< 21.5 U	< 20.9 U	< 28.4 U	< 22.5 U	< 21.2 U	< 25.1 U	< 24.3 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	515	< 25.7 U	4200	< 22.7 U	< 52.2 U	30900	89100	1140	552	35.0	< 22.5 U	26500	2660	5020 J
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 22.1 U	< 25.7 U	< 460	< 22.7 U	< 52.2 U	< 25.9 U	< 25.8 U	< 21.5 U	< 20.9 U	< 28.4 U	< 22.5 U	< 21.2 U	< 25.1 U	< 24.3 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 22.1 U	< 25.7 U	< 460	< 22.7 U	< 52.2 U	618	1010	34.3	37.4	< 28.4 U	< 22.5 U	188	< 25.1 U	74.5 J
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 22.1 U	< 25.7 U	< 460	< 22.7 U	< 52.2 U	< 25.9 U	< 25.8 U	< 21.5 U	< 20.9 U	< 28.4 U	< 22.5 U	< 21.2 U	< 25.1 U	< 24.3 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	515	< 25.7 U	4200	< 22.7 U	< 52.2 U	31518	90110	1170	589	35.0	< 22.5 U	26688	2660	5094.5
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	< 8.60 U	< 10.5 U	NS	NS	NS	NS	NS	NS	NS	< 11.5 U	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	< 5.38 U	< 6.59 U	NS	NS	NS	NS	NS	NS	NS	< 7.16 U	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	< 8.60 U	< 10.5 U	NS	NS	NS	NS	NS	NS	NS	< 11.5 U	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	6.64 J	151 J	NS	NS	NS	NS	NS	NS	NS	< 7.16 U	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	156	NS	NS	NS	NS	NS	NS	NS	NS	< 28.6 U	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	< 8.60 U	< 10.5 U	NS	NS	NS	NS	NS	NS	NS	< 11.5 U	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	< 5.38 U	90.2	NS	NS	NS	NS	NS	NS	NS	< 7.16 U	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	< 8.60 U	< 10.5 U	NS	NS	NS	NS	NS	NS	NS	< 11.5 U	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	< 8.60	< 6.59	NS	NS	NS	NS	NS	NS	NS	< 7.16	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Greenwich High School
10 Hillside Road
Greenwich, CT

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	Y15-SB310 10 - 11 ft SB310(10-11)-0409 4/9/2012 SB46946	Y15-SB310 13 - 13.5 ft SB310(13-13.5)-0405 4/9/2012 SB46946	Y15-SB310 2.5 - 3 ft SB310(2.5-3)-0409 4/9/2012 SB46946	Y16-SB63 1 - 2 ft Y16-SB63 1-2 8/10/2011 SB33209	Y16-SB63 11 - 12 ft Y16-SB63 11-12 8/10/2011 SB33218	Y16-SB63 2 - 3 ft Y16-SB63 2-3 8/10/2011 SB33218	Y16-SB63 3 - 3.7 ft Y16-SB63 3-3.7 8/10/2011 SB33218	Y16-SB63 5 - 6 ft Y16-SB63 5-6 8/10/2011 SB33218	Y16-SB63 6 - 7 ft Y16-SB63 6-7 8/10/2011 SB33218	Y16-SB63 7 - 8 ft Y16-SB63 7-8 8/10/2011 SB33218	Y16-SB63 8 - 9 ft Y16-SB63 8-9 8/10/2011 SB33218	Y19-SB265 3 - 4 ft SB265 (3-4)-12281 12/28/2011 SB41712	Y19-SB265 4 - 5 ft SB265 (4-5)-12281 12/28/2011 SB41712	Y19-SB265 5 - 6 ft SB265 (5-6)-12281 12/28/2011 SB41712
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg		500	2500	NE	500	245	NS	NS	NS	NS	NS	619 J+	1760	NS	< 27.7 U	NS	NS	36.6	NS
Total Petroleum Hydrocarbons	mg/kg		500	2500	NE	500	245	NS	NS	NS	NS	NS	619	1760	NS	< 27.7 U	NS	NS	36.6	NS
Unidentified	mg/kg		NE	NE	NE	NE	245	NS	NS	NS	NS	NS	619	1760	NS	< 27.7 U	NS	NS	36.6	NS
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l		NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																				
1,1,1-Trichloroethane	ug/kg		4000	40000	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	ug/kg		1400	14000	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg		NE	NE	NE	21000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg		NE	NE	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	ug/kg		3100	31000	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	ug/kg		20	200	NE	6700	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg		NE	NE	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	ug/kg		12000	120000	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	ug/kg		1500	15000	NE	26000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
2-Butanone (MEK)	ug/kg		8000	80000	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acetone	ug/kg		14000	140000	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzene	ug/kg		20	200	NE	21000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlorobenzene	ug/kg		2000	20000	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chloroethane	ug/kg		NE	NE	NE	130000	< 144 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg		1400	14000	NE	500000	79.0	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethyl ether	ug/kg		NE	NE	NE	NE	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Ethylbenzene	ug/kg		10100	10100	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Isopropylbenzene	ug/kg		NE	NE	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
m,p-Xylenes	ug/kg		NE	19500	NE	NE	159 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg		7000	14000	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg		5600	56000	NE	1000000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Butylbenzene	ug/kg		NE	NE	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
n-Propylbenzene	ug/kg		NE	NE	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
o-Xylene	ug/kg		NE	19500	NE	NE	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
p-Isopropyltoluene	ug/kg		NE	NE	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
sec-Butylbenzene	ug/kg		NE	NE	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Styrene	ug/kg		2000	20000	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
tert-butylbenzene	ug/kg		NE	NE	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Tetrachloroethylene	ug/kg		100	1000	NE	12000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Toluene	ug/kg		20000	67000	NE	500000	277	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Xylenes	ug/kg		19500	19500	NE	NE	159	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg		2000	20000	NE	500000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Trichloroethene	ug/kg		100	1000	NE	56000	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vinyl chloride	ug/kg		40	400	NE	320	< 71.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs-SPLP																				
Total VOC-SPLP	ug/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg		200	1000	NE	21000	< 440 U	NS	NS	NS	NS	NS	< 3600 UJ	NS	NS	NS	NS	NS	NS	< 372 U
2-Methylnaphthalene	ug/kg		560	5600	NE	270000	< 440 U	NS	NS	NS	NS	NS	< 3600 U	NS	NS	NS	NS	NS	NS	< 372 U
Acenaphthene	ug/kg		8400	84000	NE	1000000	< 440 U	NS	NS	NS	NS	NS	< 3600 U	NS	NS	NS	NS	NS	NS	< 372 U
Acenaphthylene	ug/kg		8400	84000	NE	1000000	< 440 U	NS	NS	NS	NS	NS	< 3600 U	NS	NS	NS	NS	NS	NS	< 372 UJ
Anthracene	ug/kg		40000	400000	NE	1000000	< 440 U	NS	NS	NS	NS	NS	< 3600 U	NS	NS	NS	NS	NS	NS	< 372 U
Benzo(a)anthracene	ug/kg		1000	1000	NE	1000	< 440 U	NS	NS	NS	NS	NS	< 3600 U	NS	NS	NS	NS	NS	NS	< 372 U
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	< 440 U	NS	NS	NS	NS	NS	< 3600 U	NS	NS	NS	NS	NS	NS	< 372 U
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	< 440 U	NS	NS	NS	NS	NS	< 3600 U	NS	NS	NS	NS	NS	NS	< 372 U
Benzo(g,h,i)perylene	ug/kg		1000	1000	NE	8400	< 440 U	NS	NS	NS	NS	NS	< 3600 U	NS	NS	NS	NS	NS	NS	< 372 U
Benzo(k)fluoranthene	ug/kg		1000	1000	NE	8400	< 440 U	NS	NS	NS	NS	NS	< 3600 U	NS	NS	NS	NS	NS	NS	< 372 U
Bis(2-ethylhexyl)phthalate	ug/kg		1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	< 3600 U	NS	NS	NS	NS	NS	NS	< 372 U
Chrysene	ug/kg		1000	1000	NE	84000	< 440 U	NS	NS	NS	NS	NS	< 3600 U	NS	NS	NS	NS	NS	NS	< 372 U
Dibenzo(a,h)anthracene	ug/kg		1000	1000	NE	1000	< 440 U	NS	NS	NS	NS	NS	< 3600 U	NS	NS	NS	NS	NS	NS	< 372 U
Fluoranthene	ug/kg		5600	56000	NE	1000000	< 440 U	NS	NS	NS	NS	NS	< 3600 U	NS	NS	NS	NS	NS	NS	< 372 U
Fluorene	ug/kg		5600	56000	NE	1000000	< 440 U	NS	NS	NS	NS	NS	< 3600 U	NS	NS	NS	NS	NS	NS	< 372 U
Indeno(1,2,3-cd)pyrene	ug/kg		1000	1000	NE	1000	< 440 U	NS	NS	NS	NS	NS	< 3600 U	NS	NS	NS	NS	NS	NS	< 372 U
Naphthalene	ug/kg		5600	56000	NE	1000000	< 440 U	NS	NS	NS	NS	NS	5930	NS	NS	NS	NS	NS	NS	< 372 U
Phenanthrene	ug/kg		4000	40000	NE	1000000	< 440 U	NS	NS	NS	NS	NS	< 3600 U	NS	NS	NS	NS	NS	NS	< 372 U
Pyrene	ug/kg		4000	40000	NE	1000000	< 440 U	NS	NS											

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	Y15-SB310 10 - 11 ft SB310(10-11)-0409 4/9/2012 SB46946	Y15-SB310 13 - 13.5 ft SB310(13-13.5)-0405 4/9/2012 SB46946	Y15-SB310 2.5 - 3 ft SB310(2.5-3)-0409 4/9/2012 SB46946	Y16-SB63 1 - 2 ft Y16-SB63 1-2 8/10/2011 SB33209	Y16-SB63 11 - 12 ft Y16-SB63 11-12 8/10/2011 SB33218	Y16-SB63 2 - 3 ft Y16-SB63 2-3 8/10/2011 SB33218	Y16-SB63 3 - 3.7 ft Y16-SB63 3-3.7 8/10/2011 SB33218	Y16-SB63 5 - 6 ft Y16-SB63 5-6 8/10/2011 SB33218	Y16-SB63 6 - 7 ft Y16-SB63 6-7 8/10/2011 SB33218	Y16-SB63 7 - 8 ft Y16-SB63 7-8 8/10/2011 SB33218	Y16-SB63 8 - 9 ft Y16-SB63 8-9 8/10/2011 SB33218	Y19-SB265 3 - 4 ft SB265 (3-4)-122819 12/28/2011 SB41712	Y19-SB265 4 - 5 ft SB265 (4-5)-122819 12/28/2011 SB41712	Y19-SB265 5 - 6 ft SB265 (5-6)-122819 12/28/2011 SB41712	
Metals																				
Antimony	mg/kg	NE	NE	NE	27	23.7 J-	< 5.33 UJ	< 4.79 UJ	NS	NS	NS	14.3	< 5.59 U	NS	NS	< 5.26 U	NS	< 5.14 UJ	< 7.05 UJ	
Arsenic	mg/kg	NE	NE	NE	10	< 9.90 U	< 8.00 U	4.35	4.67	NS	NS	15.6	9.98	NS	NS	1.67	NS	5.63 J	22.2 J	
Barium	mg/kg	NE	NE	NE	4700	428	733	97.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	197 J	187 J	
Beryllium	mg/kg	NE	NE	NE	2	< 0.660 U	1.01	0.540	NS	NS	NS	< 0.511 U	< 0.559 U	NS	NS	< 0.526 U	NS	0.837	0.726	
Cadmium	mg/kg	NE	NE	NE	34	5.25	0.651	< 0.479 U	NS	NS	NS	8.61	4.45	NS	NS	< 0.526 U	NS	1.51 J	1.80 J	
Chromium	mg/kg	NE	NE	NE	NE	62.2	71.4	28.3	NS	NS	NS	46.1	51.0	NS	NS	13.5	NS	48.7 J	34.2 J	
Copper	mg/kg	NE	NE	NE	2500	229 J	14.9 J	51.8 J	NS	NS	NS	1670	265	NS	NS	15.5	NS	63.7 J	97.8 J	
Lead	mg/kg	NE	NE	NE	400	831 J	22.5 J	81.2 J	130	NS	NS	2750	1020	NS	NS	11.3	NS	107 J	149 J	
Mercury	mg/kg	NE	NE	NE	20	0.426 J	< 0.0328 UJ	0.134 J	NS	NS	NS	0.897	NS	NS	NS	< 0.0302 U	NS	< 0.970 U	< 1.29 U	
Nickel	mg/kg	NE	NE	NE	1400	34.1 J	53.3 J	14.8 J	NS	NS	NS	49.6	41.3	NS	NS	12.9	NS	25.3 J	23.7 J	
Selenium	mg/kg	NE	NE	NE	340	< 1.98 U	< 1.60 U	< 1.44 U	NS	NS	NS	< 2.54 U	< 1.68 U	NS	NS	< 1.54 U	NS	< 1.54 U	< 2.12 U	
Silver	mg/kg	NE	NE	NE	340	2.76	< 1.60 U	< 1.44 U	NS	NS	NS	3.49	2.87	NS	NS	< 1.58 U	NS	< 1.54 UJ	< 2.12 UJ	
Thallium	mg/kg	NE	NE	NE	5.4	< 3.96 U	< 3.20 U	< 2.87 U	NS	NS	NS	6.06	3.44	NS	NS	< 3.16 U	NS	< 3.13 U	< 4.23 U	
Vanadium	mg/kg	NE	NE	NE	470	35.9	65.6	24.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	38.5 J	46.1 J	
Zinc	mg/kg	NE	NE	NE	20000	1500 J	102 J	61.9 J	NS	NS	NS	2910	1260	NS	NS	24.5	NS	162 J	175 J	
Metals-SPLP																				
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	556	< 15.0 U	NS	NS	NS	NS	NS	NS	
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Cyanide																				
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.13 UJ	NS	
PCBs																				
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 25.3 U	< 21.5 U	< 21.3 U	< 21.7 U	< 32.7 U	< 21.2 U	< 20.4 U	< 22.1 U	< 21.4 U	< 21.2 U	< 21.4 U	< 21.4 U	< 21.4 U	< 22.5 U	< 28.3 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	841 J	40300	1100	1420	< 32.7 U	536	636000	243000	33300	267	< 21.4 U	< 21.4 U	< 22.5 U	< 28.3 U	
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 25.3 U	< 21.5 U	< 21.3 U	< 21.7 U	< 32.7 U	< 21.2 U	< 20.4 U	< 22.1 U	< 21.4 U	< 21.2 U	< 21.4 U	< 21.4 U	< 22.5 U	< 28.3 U	
Aroclor 1260	ug/kg	NE	NE	NE	NE	29.7 J	487	34.5	46.7	< 32.7 U	< 21.2 U	< 40800 U	3050	303	< 21.2 U	< 21.4 U	< 21.4 U	36.1	< 28.3 U	
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 25.3 U	< 21.5 U	< 21.3 U	< 21.7 U	< 32.7 U	< 21.2 U	< 20.4 U	< 22.1 U	< 21.4 U	< 21.2 U	< 21.4 U	< 21.4 U	< 22.5 U	< 28.3 U	
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	871	40787	1130	1470	< 32.7 U	536	636000	246050	33603	267	< 21.4 U	< 21.4 U	36.1	< 28.3 U	
PCBs-SPLP																				
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 0.242 U	NS	NS	NS	NS	NS	NS	
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	19.1	NS	NS	NS	NS	NS	NS	
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 0.242 U	NS	NS	NS	NS	NS	NS	
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	19.1	NS	NS	NS	NS	NS	NS	
Pesticides																				
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 8.92 U	NS	NS	NS	NS	NS	NS	NS	NS	
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	6.05	NS	NS	NS	NS	NS	NS	NS	NS	
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	NS	NS	NS	NS	NS	< 8.92 U	NS	NS	NS	NS	NS	NS	NS	NS	
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 5.58 U	NS	NS	NS	NS	NS	NS	NS	NS	
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	< 22.3 U	NS	NS	NS	NS	NS	NS	NS	NS	
Endrin	ug/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	< 8.92 U	NS	NS	NS	NS	NS	NS	NS	NS	
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 5.58 U	NS	NS	NS	NS	NS	NS	NS	NS	
Methoxychlor	ug/kg	800	8000	NE	340000	NS	NS	NS	NS	NS	< 8.92 U	NS	NS	NS	NS	NS	NS	NS	NS	
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	6.05	NS	NS	NS	NS	NS	NS	NS	NS	
Pesticides-SPLP																				
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Herbicides																				
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	

Notes:
This is a summary table. Only detected analytes are shown.
<0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
Yellow highlighted cells exceed the 2013 GA PMC
Green highlighted cells exceed the 2013 GB PMC
Blue highlighted cells exceed the 2013 RES DEC
RES DEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
GWPC = Groundwater Protection Criteria
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
NE = Criteria has not been established
NS = Not sampled for this constituent
ug/kg = micrograms per kilogram
ug/l = micrograms per liter
mg/kg = milligrams per kilogram
U = The analyte was not detected above the detection limit
J+ = Result may be biased high
J- = Result may be biased low
J = Result is considered estimated
UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID					Y21-SB66 0 - 0.5 ft	Y21-SB66 0 - 1 ft	Y21-SB66 1 - 2 ft	Y21-SB66 2 - 2.7 ft	Y21-SB66 6 - 7 ft	Y21-SB66 9 - 10 ft	Y7 1.5 - 2 ft	Y7-SB273 0 - 1 ft	Y7-SB273 3 - 5 ft	Y7-SB273 5 - 6 ft	Y7-SB273 7 - 8 ft	Y9 1.5 - 2 ft	Y9-SB359 2 - 3 ft	Y9-SB359 3.5 - 4 ft	
Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	Y21-SB66 0 - 0.5 ft	Y21-SB66 0 - 1 ft	Y21-SB66 1 - 2 ft	Y21-SB66 2 - 2.7 ft	Y21-SB66 6 - 7 ft	Y21-SB66 9 - 10 ft	Y7 1.5 - 2 ft	Y7-SB273 0 - 1 ft	Y7-SB273 3 - 5 ft	Y7-SB273 5 - 6 ft	Y7-SB273 7 - 8 ft	Y9 1.5 - 2 ft	Y9-SB359 2 - 3 ft	Y9-SB359 3.5 - 4 ft
Sample ID																			
Sample Date																			
SDG																			
CTETPH																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	NS	240	< 15.0 U	NS	150	NS	522	NS	NS	210	662	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	NS	240	< 15.0 U	NS	NS	NS	522	NS	NS	NS	662	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	240	< 15.0 U	NS	NS	NS	522	NS	NS	NS	662	NS
CTETPH-SPLP																			
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	< 0.17 U	NS	NS	< 0.1 U	NS	NS	< 0.16 U	NS	NS
Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 0.1 U	NS	NS	< 0.1 U	NS	NS	< 0.1 U	NS	NS
Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 0.1 U	NS	NS	< 0.1 U	NS	NS	< 0.1 U	NS	NS
VOCs																			
1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 UJ	NS
1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
1,2-Dichlorobenzene	ug/kg	3100	3100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1070 U	NS
Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1070 UJ	NS
Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 215 U	NS
cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	186	NS
Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 215 U	NS
Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1070 U	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	121	NS
Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 215 U	NS
trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	320	NS
Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 107 U	NS
VOCs-SPLP																			
Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																			
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																			
1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	NS	NS	< 420 U	< 372 U	NS	NS	NS	< 2060 U	NS	NS	NS	< 863 U	NS
2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	NS	NS	< 420 U	< 372 U	NS	< 220	NS	< 2060 U	NS	NS	< 200	< 863 U	NS
Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	< 420 U	< 372 U	NS	< 220	NS	< 2060 U	NS	NS	< 200	< 863 U	NS
Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	NS	NS	< 420 U	< 372 U	NS	< 220	NS	< 2060 U	NS	NS	< 200	< 863 U	NS
Anthracene	ug/kg	40000	400000	NE	1000000	NS	NS	NS	< 420 U	< 372 U	NS	< 220	NS	< 2060 U	NS	NS	< 200	< 863 U	NS
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 420 U	< 372 U	NS	440	NS	< 2060 U	NS	NS	270	< 863 U	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 420 U	< 372 U	NS	380	NS	< 2060 U	NS	NS	240	< 863 U	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 420 U	< 372 U	NS	500	NS	< 2060 U	NS	NS	340	< 863 U	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	NS	< 420 U	< 372 U	NS	250	NS	< 2060 U	NS	NS	< 200	< 863 U	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	NS	< 420 U	< 372 U	NS	< 220	NS	< 2060 U	NS	NS	< 200	< 863 U	NS
Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	NS	< 2060 UJ	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	NS	< 420 U	< 372 U	NS	400	NS	< 2060 UJ	NS	NS	270	< 863 U	NS
Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 420 U	< 372 U	NS	< 220	NS	< 2060 U	NS	NS	< 200	< 863 U	NS
Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	< 420 U	< 372 U	NS	820	NS	4320	NS	NS	620	< 863 U	NS
Fluorene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	< 420 U	< 372 U	NS	< 220	NS	< 2060 U	NS	NS	< 200	< 863 U	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 420 U	< 372 U	NS	300	NS	< 2060 U	NS	NS	< 200	< 863 U	NS
Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	< 420 U	< 372 U	NS	< 220	NS	< 2060 U	NS	NS	< 200	< 863 U	NS
Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	< 420 U	< 372 U	NS	470	NS	2880	NS	NS	410	< 863 U	NS
Pyrene	ug/kg	4000																	

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	Y21-SB66 0 - 0.5 ft DUPLICATE-10 8/10/2011 SB33209	Y21-SB66 0 - 1 ft Y21-SB66 0-1 8/10/2011 SB33209	Y21-SB66 1 - 2 ft Y21-SB66 1-2 8/10/2011 SB33209	Y21-SB66 2 - 2.7 ft Y21-SB66 2-2.7 8/10/2011 SB33209	Y21-SB66 6 - 7 ft Y21-SB66 6-7 8/10/2011 SB33209	Y21-SB66 9 - 10 ft Y21-SB66 9-10 8/10/2011 SB33209	Y7 1.5 - 2 ft Y7(1.5-2)-1 9/17/2020 20I0953	Y7-SB273 0 - 1 ft -SB273(0-1)-122911 12/29/2011 SB41766	Y7-SB273 3 - 5 ft -SB273(3-5)-122911 12/29/2011 SB41766	Y7-SB273 5 - 6 ft -SB273(5-6)-122911 12/29/2011 SB41766	Y7-SB273 7 - 8 ft -SB273(7-8)-122911 12/29/2011 SB41766	Y9 1.5 - 2 ft Y9(1.5-2)-1 9/17/2020 20I0953	Y9-SB359 2 - 3 ft -SB359 (2-3)-041111 4/11/2012 SB47192	Y9-SB359 3.5 - 4 ft -SB359 (3.5-4)-041111 4/11/2012 SB47192
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	NS	NS	NS	NS	NS	NS	NS	7.65 J-	NS	< 14.0 UJ	NS	< 6.36 U	< 4.87 U
Arsenic	mg/kg	NE	NE	NE	10	NS	NS	NS	7.90	< 1.53 U	NS	NS	NS	14.1	NS	14.4	NS	16.8	< 1.46 U
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	NS	NS	NS	NS	836 J	NS	305 J	NS	1440	169
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	NS	NS	NS	NS	< 0.621 U	NS	1.50	NS	< 0.636 U	1.28
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	NS	0.650	< 0.511 U	NS	1.2	NS	7.70	NS	2.42	2.0	91.0	< 0.487 U
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	27.2	23.6	NS	NS	NS	50.8 J	NS	72.8 J	NS	162	53.3
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	NS	NS	NS	NS	1250 J-	NS	47.7 J-	NS	476	35.1
Lead	mg/kg	NE	NE	NE	400	NS	NS	NS	135	6.08	NS	650	NS	2130	NS	208	960	5880	19.2
Mercury	mg/kg	NE	NE	NE	20	NS	NS	NS	0.234	< 0.0334 U	NS	NS	NS	0.803 J	NS	0.470 J	NS	1.20	< 0.0308 U
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	68.1 J	NS	51.0 J	NS	80.3	45.1
Selenium	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	< 1.86 U	NS	< 4.20 U	NS	< 1.91 U	< 1.46 U
Silver	mg/kg	NE	NE	NE	340	NS	NS	NS	NS	NS	NS	NS	NS	< 2.86 U	NS	< 4.20 U	NS	< 9.53 U	< 1.46 U
Thallium	mg/kg	NE	NE	NE	5.4	NS	NS	NS	NS	NS	NS	NS	NS	< 3.73 U	NS	< 8.40 U	NS	< 3.81 U	< 2.92 U
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	NS	NS	NS	NS	76.2	NS	78.4	NS	41.3	58.2
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	9290 JEB	NS	191 JEB	NS	3550	57.7
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 30.0 U	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 4.0 U	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	225 J	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 2.5 U	NS	NS	NS	79.5	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 5.0 U	NS	NS	NS	< 10.0 U	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	< 15.0 U	NS	NS	NS	NS	NS	NS	NS	13.6 J	NS	NS	NS	5640	NS
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 5.0 U	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 30.0 U	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	1.21 J-	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 20.6 U	< 22.6 U	< 21.4 U	< 24.4 U	NS	< 21.3 U	< 100	NS	< 25.0 U	< 24.5 U	NS	< 890	< 631 U	< 41.2 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 20.6 U	43.6	178	< 24.4 U	NS	< 21.3 U	2200	NS	3240	1050	NS	5700	< 631 U	< 41.2 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 20.6 U	< 22.6 U	< 21.4 U	< 24.4 U	NS	< 21.3 U	1100	NS	< 25.0 U	< 24.5 U	NS	< 890	< 631 U	< 41.2 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 20.6 U	< 22.6 U	< 21.4 U	< 24.4 U	NS	< 21.3 U	130	NS	106	42.9	NS	< 890	< 126 U	< 20.6 U
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 20.6 U	< 22.6 U	< 21.4 U	< 24.4 U	NS	< 21.3 U	< 100	NS	< 25.0 U	< 24.5 U	NS	< 890	< 126 U	< 20.6 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 20.6 U	43.6	178	< 24.4 U	NS	< 21.3 U	3430	NS	3350	1090	NS	5700	< 631 U	< 41.2 U
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.200 U	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.200 U	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.200 U	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.200 U	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	514	NS	NS	65.8	< 9.07 U	NS	NS	< 8.97 U	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	74.6	NS	NS	30.6	< 5.67 U	NS	NS	< 5.61 U	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	9.03 J	NS	NS	< 10.2 U	< 9.07 U	NS	NS	< 8.97 U	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	< 5.60 U	NS	NS	36.9	< 5.67 U	NS	NS	< 5.61 U	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	44.5 J	NS	NS	351	< 22.7 U	NS	NS	< 22.4 U	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	< 8.96 U	NS	NS	< 10.2 U	< 9.07 U	NS	NS	< 8.97 U	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	< 5.60 U	NS	NS	24.8 J	< 5.67 U	NS	NS	< 5.61 U	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	< 8.96 U	NS	NS	< 10.2 U	< 9.07 U	NS	NS	< 8.97 U	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	597.63	NS	NS	96.4	< 9.07	NS	NS	< 8.97	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 7.50 U	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Greenwich High School
 10 Hillside Road
 Greenwich, CT

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	Y9-SS315 0 - 0.25 ft 8/23/2011 SB34022	Z13-SB477 12 - 13 ft 7/12/2012 SB52747	Z13-SB477 2 - 3 ft 7/12/2012 SB52747	Z13-SB477 8 - 9 ft 7/12/2012 SB52747	Z14A-SB313 2.5 - 3 ft 4/9/2012 SB46946	Z14A-SB313 5.5 - 6 ft 4/9/2012 SB46946	Z14-SB272 0 - 1 ft 12/29/2011 SB41766	Z14-SB272 11 - 12 ft 12/29/2011 SB41766	Z14-SB272 9 - 10 ft 12/29/2011 SB41766	Z15-SB312 4 - 5.5 ft 4/9/2012 SB46946	Z15-SB312 9 - 10 ft 4/9/2012 SB46946	Z16-SB311 12 - 12.5 ft 4/9/2012 SB46946	Z16-SB311 3 - 3.5 ft 4/9/2012 SB46946	Z16-SB311 6.5 - 7.5 ft 4/9/2012 SB46946
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg		500	2500	NE	500	NS	NS	NS	1960	NS	188	NS	996	NS	NS	2970	NS	NS	975
Total Petroleum Hydrocarbons	mg/kg		500	2500	NE	500	NS	NS	NS	1960	NS	188	NS	996	NS	NS	2970	NS	NS	975
Unidentified	mg/kg		NE	NE	NE	NE	NS	NS	NS	1960	NS	188	NS	996	NS	NS	2970	NS	NS	975
CTETPH-SPLP																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l		NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.1 U
Total Petroleum Hydrocarbons	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.1 U
Unidentified	mg/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.1 U
VOCS																				
1,1,1-Trichloroethane	ug/kg		4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 131 UJ	NS	NS	< 145 U	NS	NS	NS
1,1-Dichloroethane	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 131 U	NS	NS	< 145 U	NS	NS	NS
1,2,4-Trichlorobenzene	ug/kg		NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS	< 131 U	NS	NS	< 145 U	NS	NS	NS
1,2,4-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	483	NS	NS	491	NS	NS	NS
1,2-Dichlorobenzene	ug/kg		3100	31000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 131 U	NS	NS	< 145 U	NS	NS	NS
1,2-Dichloroethane	ug/kg		20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS	< 131 U	NS	NS	< 145 U	NS	NS	NS
1,3,5-Trimethylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 131 U	NS	NS	< 145 U	NS	NS	NS
1,3-Dichlorobenzene	ug/kg		12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 131 U	NS	NS	< 145 U	NS	NS	NS
1,4-Dichlorobenzene	ug/kg		1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS	< 131 U	NS	NS	< 145 U	NS	NS	NS
2-Butanone (MEK)	ug/kg		8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 1310 U	NS	NS	< 1450 U	NS	NS	NS
Acetone	ug/kg		14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 1310 U	NS	NS	< 1450 U	NS	NS	NS
Benzene	ug/kg		20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS	< 131 UJ	NS	NS	< 145 U	NS	NS	NS
Chlorobenzene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 131 U	NS	NS	< 145 U	NS	NS	NS
Chloroethane	ug/kg		NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS	< 262 UJ	NS	NS	< 290 U	NS	NS	NS
cis-1,2-Dichloroethylene	ug/kg		1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	205 J-	NS	NS	154	NS	NS	NS
Ethyl ether	ug/kg		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 131 UJ	NS	NS	< 145 U	NS	NS	NS
Ethylbenzene	ug/kg		10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS	336	NS	NS	532	NS	NS	NS
Isopropylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 131 U	NS	NS	433	NS	NS	NS
m,p-Xylenes	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	828	NS	NS	1730	NS	NS	NS
Methyl Isobutyl Ketone	ug/kg		7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 1310 U	NS	NS	< 1450 U	NS	NS	NS
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	508	NS	NS	13100	NS	NS	NS
n-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	131	NS	NS	3230	NS	NS	NS
n-Propylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 131 U	NS	NS	656	NS	NS	NS
o-Xylene	ug/kg		NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	340	NS	NS	174	NS	NS	NS
p-Isopropyltoluene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	177	NS	NS	< 145 U	NS	NS	NS
sec-Butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 131 U	NS	NS	916	NS	NS	NS
Styrene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 131 U	NS	NS	< 145 U	NS	NS	NS
tert-butylbenzene	ug/kg		NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 131 U	NS	NS	< 145 U	NS	NS	NS
Tetrachloroethylene	ug/kg		100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS	< 131 UJ	NS	NS	< 145 U	NS	NS	NS
Toluene	ug/kg		20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS	295	NS	NS	158	NS	NS	NS
Total Xylenes	ug/kg		19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS	1170	NS	NS	1900	NS	NS	NS
trans-1,2-Dichloroethylene	ug/kg		2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS	< 131 UJ	NS	NS	145	NS	NS	NS
Trichloroethene	ug/kg		100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS	136	NS	NS	203	NS	NS	NS
Vinyl chloride	ug/kg		40	400	NE	320	NS	NS	NS	NS	NS	NS	NS	< 131 UJ	NS	NS	< 145 U	NS	NS	NS
VOCS-SPLP																				
Total VOC-SPLP	ug/l		NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMS																				
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
1-Methylnaphthalene	ug/kg		200	1000	NE	21000	NS	NS	NS	< 2220 U	NS	< 369 U	NS	< 428 U	NS	NS	< 2630 U	NS	NS	< 910 U
2-Methylnaphthalene	ug/kg		560	5600	NE	270000	NS	NS	NS	< 2220 U	NS	< 369 U	NS	< 428 U	NS	NS	< 2630 U	NS	NS	< 910 U
Acenaphthene	ug/kg		8400	84000	NE	1000000	NS	NS	NS	< 2220 U	NS	< 369 U	NS	< 428 U	NS	NS	< 2630 U	NS	NS	< 910 U
Acenaphthylene	ug/kg		8400	84000	NE	1000000	NS	NS	NS	< 2220 U	NS	< 369 U	NS	< 428 UJ	NS	NS	< 2630 U	NS	NS	< 910 U
Anthracene	ug/kg		40000	400000	NE	1000000	NS	NS	NS	< 2220 U	NS	< 369 U	NS	< 428 UJ	NS	NS	< 2630 U	NS	NS	< 910 U
Benzo(a)anthracene	ug/kg		1000	1000	NE	1000	NS	NS	NS	< 2220 U	NS	< 369 U	NS	788 J-	NS	NS	< 2630 U	NS	NS	912
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	< 2220 U	NS	< 369 U	NS	746 J-	NS	NS	< 2630 U	NS	NS	< 910 U
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	NS	NS	NS	< 2220 U	NS	< 369 U	NS	648 J-	NS	NS	< 2630 U	NS	NS	< 910 U
Benzo(g,h,i)perylene	ug/kg		1000	1000	NE	8400	NS	NS	NS	< 2220 U	NS	< 369 U	NS	< 428 UJ	NS	NS	< 2630 U	NS	NS	< 910 U
Benzo(k)fluoranthene	ug/kg		1000	1000	NE	8400	NS	NS	NS	< 2220 U	NS	< 369 U	NS	771 J-	NS	NS	< 2630 U	NS	NS	< 910 U
Bis(2-ethylhexyl)phthalate	ug/kg		1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS	757 J-	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg		1000	1000	NE	84000	NS	NS	NS	< 2220 U	NS	< 369 U	NS	683 J-	NS	NS	< 2630 U	NS	NS	< 910 U
Dibenzo(a,h)anthracene	ug/kg		1000	1000	NE	1000	NS	NS	NS	< 2220 U	NS	< 369 U	NS	< 428 UJ	NS	NS	< 2630 U	NS	NS	< 910 U
Fluoranthene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	< 2220 U	NS	< 369 U	NS	525 J-	NS	NS	< 2630 U	NS	NS	1610
Fluorene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	< 2220 U	NS	< 369 U	NS	< 428 U	NS	NS	< 2630 U	NS	NS	< 910 U
Indeno(1,2,3-cd)pyrene	ug/kg		1000	1000	NE	1000	NS	NS	NS	< 2220 U	NS	< 369 U	NS	< 428 UJ	NS	NS	< 2630 U	NS	NS	< 910 U
Naphthalene	ug/kg		5600	56000	NE	1000000	NS	NS	NS	< 2220 U	NS	< 369 U	NS	< 428 U	NS	NS	6340	NS	NS	< 910 U
Phenanthrene	ug/kg		4000	40000	NE	1000000	NS	NS	NS	< 2220 U	NS	< 369 U	NS	NS R	NS	NS	< 2630 U	NS	NS	114

**Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan**

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	Y9-SS315 0 - 0.25 ft 8/23/2011 SB34022	Z13-SB477 12 - 13 ft 7/12/2012 SB52747	Z13-SB477 2 - 3 ft 7/12/2012 SB52747	Z13-SB477 8 - 9 ft 7/12/2012 SB52747	Z14A-SB313 2.5 - 3 ft 4/9/2012 SB46946	Z14A-SB313 5.5 - 6 ft 4/9/2012 SB46946	Z14-SB272 0 - 1 ft 12/29/2011 SB41766	Z14-SB272 11 - 12 ft 12/29/2011 SB41766	Z14-SB272 9 - 10 ft 12/29/2011 SB41766	Z15-SB312 4 - 5.5 ft 4/9/2012 SB46946	Z15-SB312 9 - 10 ft 4/9/2012 SB46946	Z16-SB311 12 - 12.5 ft 4/9/2012 SB46946	Z16-SB311 3 - 3.5 ft 4/9/2012 SB46946	Z16-SB311 6.5 - 7.5 ft 4/9/2012 SB46946
Metals																			
Antimony	mg/kg	NE	NE	NE	27	NS	< 14.9 UJ	< 5.43 UJ	< 64.4 UJ	< 5.20 UJ	< 5.18 UJ	NS	< 6.36 UJ	< 11.6 UJ	< 5.59 UJ	9.33 J-	19.6 J-	< 4.84 UJ	< 6.81 UJ
Arsenic	mg/kg	NE	NE	NE	10	NS	< 4.47 U	4.61	8.87	4.71	2.85	NS	19.1	20.1	2.78	< 12.0 U	< 8.30 U	1.69	7.05
Barium	mg/kg	NE	NE	NE	4700	NS	182	97.6	839	63.5	115	NS	739 J	959 J	101	809	139	49.2	642
Beryllium	mg/kg	NE	NE	NE	2	NS	< 1.49 U	0.644	< 0.644 U	< 0.520 U	< 0.518 U	NS	< 0.636 U	< 0.504 U	< 0.559 U	< 0.800 U	< 0.553 U	< 0.484 U	< 0.681 U
Cadmium	mg/kg	NE	NE	NE	34	NS	< 1.49 U	< 0.543 U	5.59	< 0.520 U	0.659	NS	3.95	12.6	< 0.559 U	10.8	1.80	< 0.484 U	2.21
Chromium	mg/kg	NE	NE	NE	21.0	NS	NE	17.4	98.2	32.3	28.0	NS	57.8 J	145 J	23.2	79.5	25.0	12.4	50.5
Copper	mg/kg	NE	NE	NE	2500	NS	19.6	25.6	566	16.0 J	39.9 J	NS	593 J-	520 J-	28.9 J	474 J	63.5 J	12.9 J	154 J
Lead	mg/kg	NE	NE	NE	400	NS	7.00 J	47.5 J	4320 J	21.8 J	84.0 J	NS	1450	1770	64.3 J	877 J	175 J	15.7 J	867 J
Mercury	mg/kg	NE	NE	NE	20	NS	0.137	0.0732	0.976	0.154 J	0.0952 J	NS	0.558 J	1.92 J	0.123 J	3.20 J	0.226 J	< 0.0298 UJ	0.771 J
Nickel	mg/kg	NE	NE	NE	1400	NS	12.2 J	14.2 J	265 J	8.94 J	19.0 J	NS	51.1 J	97.9 J	14.8 J	124 J	20.3 J	9.82 J	37.0 J
Selenium	mg/kg	NE	NE	NE	340	NS	< 4.47 U	< 1.63 U	< 1.93 U	< 1.56 U	< 1.55 U	NS	< 1.91 U	< 2.37 U	< 1.68 U	< 2.40 U	< 1.66 U	< 1.45 U	< 2.04 U
Silver	mg/kg	NE	NE	NE	340	NS	< 4.47 U	< 1.63 U	< 1.93 U	< 1.56 U	< 1.55 U	NS	< 4.96 U	< 6.05 U	< 1.68 U	< 12.0 U	< 1.66 U	< 1.45 U	< 2.04 U
Thallium	mg/kg	NE	NE	NE	5.4	NS	< 8.93 U	< 3.26 U	< 3.86 U	< 3.12 U	< 3.11 U	NS	< 3.82 U	< 3.02 U	< 3.35 U	< 4.80 U	< 3.32 U	< 2.90 U	< 4.09 U
Vanadium	mg/kg	NE	NE	NE	470	NS	20.5	30.0	123	20.4	27.6	NS	42.8	45.2	24.2	60.6	24.2	14.0	34.2
Zinc	mg/kg	NE	NE	NE	20000	NS	9.13	63.2	2340	34.6 J	111 J	NS	3170 JEB	1600 JEB	117 J	18400 J	233 J	26.6 J	1140 J
Metals-SPLP																			
Antimony	ug/l	6	60	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	ug/l	1000	10000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	ug/l	5	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	ug/l	1300	13000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	150	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 15.0 U
Nickel	ug/l	100	1000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	ug/l	5000	50000	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																			
Cyanide	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	1.95 J-	NS	NS	NS	NS	NS	NS
PCBs																			
Aroclor 1242	ug/kg	NE	NE	NE	NE	< 26.8 U	< 60.1 U	< 20.9 U	< 51900 U	< 21.6 U	< 20.9 U	NS	1790000	344000	< 20.7 U	< 31600 U	< 22.3 U	< 20.3 U	< 26.6 U
Aroclor 1248	ug/kg	NE	NE	NE	NE	225	1420	314	1150000	< 21.6 U	39300	NS	< 12900 U	< 22.0 U	< 20.7 U	1890000	102000	16000 PE	96900
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 26.8 U	< 60.1 U	< 20.9 U	< 51900 U	< 21.6 U	< 20.9 U	NS	< 12900 U	< 22.0 U	< 20.7 U	< 31600 U	< 22.3 U	< 20.3 U	< 26.6 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 26.8 U	< 60.1 U	< 20.9 U	< 51900 U	< 21.6 U	736	NS	18100	1700	< 20.7 U	< 31600 U	621	390	1250
Aroclor 1262	ug/kg	NE	NE	NE	NE	< 26.8 U	< 60.1 U	< 20.9 U	< 51900 U	< 21.6 U	< 20.9 U	NS	< 12900 U	< 22.0 U	< 20.7 U	< 31600 U	< 22.3 U	< 20.3 U	< 26.6 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	225	1420	314	1150000	< 21.6 U	40036	NS	1810000	345700	< 20.7 U	1890000	102621	16200	98150
PCBs-SPLP																			
Aroclor 1242	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1248	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/l	0.5	5	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																			
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	< 10.7 U	NS	NS	NS	NS	NS	< 9.63 U	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	10.0	NS	NS	NS	NS	NS	< 6.02 U	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	NE	1800	< 10.7 U	NS	NS	NS	NS	NS	< 9.63 U	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	24.1 J	NS	NS	NS	NS	NS	< 6.02 U	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	151	NS	NS	NS	NS	NS	< 24.1 U	NS	NS	NS	NS	NS	NS	NS
Endrin	ug/kg	NE	NE	NE	20000	< 10.7 U	NS	NS	NS	NS	NS	< 9.63 U	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	18.6	NS	NS	NS	NS	NS	< 6.02 U	NS	NS	NS	NS	NS	NS	NS
Methoxychlor	ug/kg	800	8000	NE	340000	< 10.7 U	NS	NS	NS	NS	NS	< 9.63 U	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	10	NS	NS	NS	NS	NS	< 9.63	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP																			
Chlordane	ug/l	NE	NE	3	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides																			
Total Herbicides	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 7.84 U	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected analytes are shown.
 <0.010 = Not detected above the laboratory reporting limit
Blue = Detected above reporting limit
 Yellow highlighted cells exceed the 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 GWPC = Groundwater Protection Criteria
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Depth Interval	Sample ID	Sample Date	SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	Z18-SB382 3 - 4 ft -SB382 (3-4)-06251 6/25/2012 SB51792	Z18-SB382 6 - 7 ft -SB382 (6-7)-06251 6/25/2012 SB51792	Z18-SB382 8 - 9 ft -SB382 (8-9)-06251 6/25/2012 SB51792	Z8-SS316 0 - 0.25 ft Z8SS316 0-3-082311 8/23/2011 SB34022
CTETPH													
	Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	< 29.8 U	NS	NS	NS	NS	NS
	Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	< 29.8 U	NS	NS	NS	NS	NS
	Unidentified	mg/kg	NE	NE	NE	NE	NS	< 29.8 U	NS	NS	NS	NS	NS
CTETPH-SPLP													
	Aliphatic Hydrocarbons (ETPH) C9-C36	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS
	Total Petroleum Hydrocarbons	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS
	Unidentified	mg/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS
VOCs													
	1,1,1-Trichloroethane	ug/kg	4000	40000	NE	500000	NS	NS	NS	NS	NS	NS	NS
	1,1-Dichloroethane	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS
	1,2,4-Trichlorobenzene	ug/kg	NE	NE	NE	21000	NS	NS	NS	NS	NS	NS	NS
	1,2,4-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS
	1,2-Dichlorobenzene	ug/kg	3100	3100	NE	500000	NS	NS	NS	NS	NS	NS	NS
	1,2-Dichloroethane	ug/kg	20	200	NE	6700	NS	NS	NS	NS	NS	NS	NS
	1,3,5-Trimethylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS
	1,3-Dichlorobenzene	ug/kg	12000	120000	NE	500000	NS	NS	NS	NS	NS	NS	NS
	1,4-Dichlorobenzene	ug/kg	1500	15000	NE	26000	NS	NS	NS	NS	NS	NS	NS
	2-Butanone (MEK)	ug/kg	8000	80000	NE	500000	NS	NS	NS	NS	NS	NS	NS
	Acetone	ug/kg	14000	140000	NE	500000	NS	NS	NS	NS	NS	NS	NS
	Benzene	ug/kg	20	200	NE	21000	NS	NS	NS	NS	NS	NS	NS
	Chlorobenzene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS
	Chloroethane	ug/kg	NE	NE	NE	130000	NS	NS	NS	NS	NS	NS	NS
	cis-1,2-Dichloroethylene	ug/kg	1400	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS
	Ethyl ether	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS
	Ethylbenzene	ug/kg	10100	10100	NE	500000	NS	NS	NS	NS	NS	NS	NS
	Isopropylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS
	m,p-Xylenes	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS
	Methyl Isobutyl Ketone	ug/kg	7000	14000	NE	500000	NS	NS	NS	NS	NS	NS	NS
	Naphthalene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS
	n-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS
	n-Propylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS
	o-Xylene	ug/kg	NE	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS
	p-Isopropyltoluene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS
	sec-Butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS
	Styrene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS
	tert-butylbenzene	ug/kg	NE	NE	NE	500000	NS	NS	NS	NS	NS	NS	NS
	Tetrachloroethylene	ug/kg	100	1000	NE	12000	NS	NS	NS	NS	NS	NS	NS
	Toluene	ug/kg	20000	67000	NE	500000	NS	NS	NS	NS	NS	NS	NS
	Total Xylenes	ug/kg	19500	19500	NE	NE	NS	NS	NS	NS	NS	NS	NS
	trans-1,2-Dichloroethylene	ug/kg	2000	20000	NE	500000	NS	NS	NS	NS	NS	NS	NS
	Trichloroethene	ug/kg	100	1000	NE	56000	NS	NS	NS	NS	NS	NS	NS
	Vinyl chloride	ug/kg	40	400	NE	320	NS	NS	NS	NS	NS	NS	NS
VOCs-SPLP													
	Total VOC-SPLP	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS
SVOC-SIMs													
	Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS
	Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS
	Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	NS	NS	NS	NS	NS	NS
	Pyrene	ug/kg	4000	40000	NE	1000000	NS	NS	NS	NS	NS	NS	NS
SVOCs													
	1-Methylnaphthalene	ug/kg	200	1000	NE	21000	NS	< 187 U	NS	NS	NS	NS	NS
	2-Methylnaphthalene	ug/kg	560	5600	NE	270000	NS	< 187 U	NS	NS	NS	NS	NS
	Acenaphthene	ug/kg	8400	84000	NE	1000000	NS	< 187 U	NS	NS	NS	NS	NS
	Acenaphthylene	ug/kg	8400	84000	NE	1000000	NS	< 187 U	NS	NS	NS	NS	NS
	Anthracene	ug/kg	40000	400000	NE	1000000	NS	< 187 U	NS	NS	NS	NS	NS
	Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	< 187 U	NS	NS	NS	NS	NS
	Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	< 187 U	NS	NS	NS	NS	NS
	Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	< 187 U	NS	NS	NS	NS	NS
	Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	< 187 U	NS	NS	NS	NS	NS
	Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	< 187 U	NS	NS	NS	NS	NS
	Bis(2-ethylhexyl)phthalate	ug/kg	1000	11000	NE	44000	NS	NS	NS	NS	NS	NS	NS
	Chrysene	ug/kg	1000	1000	NE	84000	NS	< 187 U	NS	NS	NS	NS	NS
	Dibenzo(a,h)anthracene	ug/kg	1000	1000	NE	1000	NS	< 187 U	NS	NS	NS	NS	NS
	Fluoranthene	ug/kg	5600	56000	NE	1000000	NS	< 187 U	NS	NS	NS	NS	NS
	Fluorene	ug/kg	5600	56000	NE	1000000	NS	< 187 U	NS	NS	NS	NS	NS
	Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	< 187 U	NS	NS	NS	NS	NS
	Naphthalene	ug/kg	5600	56000	NE	1000000	NS	< 187 U	NS	NS	NS	NS	NS
	Phenanthrene	ug/kg	4000	40000	NE	1000000	NS	< 187 U	NS	NS	NS	NS	NS
	Pyrene	ug/kg	4000	40000	NE	1000000	NS	< 187 U	NS	NS	NS	NS	NS
SVOCs-SPLP													
	1-Methylnaphthalene	ug/l	NE	NE	50	NE	NS	NS	NS	NS	NS	NS	NS
	2-Methylnaphthalene	ug/l	NE	NE	280	NE	NS	NS	NS	NS	NS	NS	NS
	Acenaphthene	ug/l	NE	NE	4200	NE	NS	NS	NS	NS	NS	NS	NS
	Anthracene	ug/l	NE	NE	20000	NE	NS	NS	NS	NS	NS	NS	NS
	Benzo(a)anthracene	ug/l	NE	NE	0.6	NE	NS	NS	NS	NS	NS	NS	NS
	Fluoranthene	ug/l	NE	NE	2800	NE	NS	NS	NS	NS	NS	NS	NS
	Fluorene	ug/l	NE	NE	2800	NE	NS	NS	NS	NS	NS	NS	NS
	Naphthalene	ug/l	NE	NE	2800	NE	NS	NS	NS	NS	NS	NS	NS
	Phenanthrene	ug/l	NE	NE	2000	NE	NS	NS	NS	NS	NS	NS	NS
	Pyrene	ug/l	NE	NE	2000	NE	NS	NS	NS	NS	NS	NS	NS

192
169
175

1
1
1

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49
46
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37
2
45
4
79
8
23
30
62
79

2
1
3
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3
1
3
1
6
1

Figure 3-2
AOC 1 Non-PCB Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	Z18-SB382 3 - 4 ft -SB382 (3-4)-06251- 6/25/2012 SB51792	Z18-SB382 6 - 7 ft -SB382 (6-7)-06251- 6/25/2012 SB51792	Z18-SB382 8 - 9 ft -SB382 (8-9)-06251- 6/25/2012 SB51792	Z8-SS316 0 - 0.25 ft -SS316 0-3-082311 8/23/2011 SB34022	
Metals											
Antimony		mg/kg	NE	NE	NE	27	< 5.16 UJ	< 5.33 UJ	< 5.22 UJ	NS	29
Arsenic		mg/kg	NE	NE	NE	10	< 1.55 U	< 3.20 U	< 1.57 U	NS	400
Barium		mg/kg	NE	NE	NE	4700	105	295	46.3	NS	453
Beryllium		mg/kg	NE	NE	NE	2	0.794	1.92	< 0.522 U	NS	172
Cadmium		mg/kg	NE	NE	NE	34	< 0.516 U	< 0.533 U	< 0.522 U	NS	222
Chromium		mg/kg	NE	NE	NE	NE	28.2	245	10.7	NS	498
Copper		mg/kg	NE	NE	NE	2500	14.2	28.4	11.1	NS	449
Lead		mg/kg	NE	NE	NE	400	20.7	15.2	13.1	NS	589
Mercury		mg/kg	NE	NE	NE	20	0.0417	< 0.0338 U	< 0.0306 U	NS	311
Nickel		mg/kg	NE	NE	NE	1400	15.3	263	11.0	NS	452
Selenium		mg/kg	NE	NE	NE	340	< 1.55 U	< 1.60 U	< 1.57 U	NS	3
Silver		mg/kg	NE	NE	NE	340	< 3.09 U	< 3.20 U	< 1.57 U	NS	37
Thallium		mg/kg	NE	NE	NE	5.4	< 3.09 U	< 6.40 U	< 3.13 U	NS	5
Vanadium		mg/kg	NE	NE	NE	470	30.0	52.4	15.2	NS	444
Zinc		mg/kg	NE	NE	NE	20000	42.7	86.9	28.4	NS	444
Metals-SPLP											
Antimony		ug/l	6	60	NE	NE	NS	NS	NS	NS	1
Arsenic		ug/l	50	500	NE	NE	NS	NS	NS	NS	2
Barium		ug/l	1000	10000	NE	NE	NS	NS	NS	NS	14
Cadmium		ug/l	5	50	NE	NE	NS	NS	NS	NS	1
Chromium		ug/l	50	500	NE	NE	NS	NS	NS	NS	4
Copper		ug/l	1300	13000	NE	NE	NS	NS	NS	NS	8
Lead		ug/l	15	150	NE	NE	NS	NS	NS	NS	15
Nickel		ug/l	100	1000	NE	NE	NS	NS	NS	NS	1
Vanadium		ug/l	50	500	NE	NE	NS	NS	NS	NS	6
Zinc		ug/l	5000	50000	NE	NE	NS	NS	NS	NS	2
Cyanide											
Cyanide		mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	7
PCBs											
Aroclor 1242		ug/kg	NE	NE	NE	NE	< 21.5 U	< 21.7 U	NS	< 26.3 U	57
Aroclor 1248		ug/kg	NE	NE	NE	NE	< 21.5 U	44.6	NS	< 26.3 U	383
Aroclor 1254		ug/kg	NE	NE	NE	NE	< 21.5 U	< 21.7 U	NS	< 26.3 U	31
Aroclor 1260		ug/kg	NE	NE	NE	NE	< 21.5 U	< 21.7 U	NS	< 26.3 U	192
Aroclor 1262		ug/kg	NE	NE	NE	NE	< 21.5 U	< 21.7 U	NS	< 26.3 U	2
Total PCB Aroclors		ug/kg	NE	NE	NE	1000	< 21.5 U	44.6	NS	< 26.3 U	475
PCBs-SPLP											
Aroclor 1242		ug/l	NE	NE	NE	NE	NS	NS	NS	NS	2
Aroclor 1248		ug/l	NE	NE	NE	NE	NS	NS	NS	NS	9
Aroclor 1260		ug/l	NE	NE	NE	NE	NS	NS	NS	NS	1
Total PCB Aroclors		ug/l	0.5	5	NE	NE	NS	NS	NS	NS	11
Pesticides											
4,4-DDD (p,p)		ug/kg	NE	NE	NE	NE	NS	NS	NS	< 11.1 U	8
4,4-DDE (p,p)		ug/kg	NE	NE	NE	NE	NS	NS	NS	< 6.91 U	32
4,4-DDT (p,p)		ug/kg	NE	NE	NE	1800	NS	NS	NS	< 11.1 U	6
alpha-Chlordane		ug/kg	NE	NE	NE	NE	NS	NS	NS	27.1 J	63
Chlordane		ug/kg	NE	NE	NE	490	NS	NS	NS	69.3	64
Endrin		ug/kg	NE	NE	NE	20000	NS	NS	NS	< 11.1 U	1
gamma-Chlordane		ug/kg	NE	NE	NE	NE	NS	NS	NS	17.1	61
Methoxychlor		ug/kg	800	8000	NE	340000	NS	NS	NS	< 11.1 U	3
Total DDx		ug/kg	3	20	NE	1800	NS	NS	NS	< 6.91	34
Pesticides-SPLP											
Chlordane		ug/l	NE	NE	3	NE	NS	NS	NS	NS	2
Herbicides											
Total Herbicides		ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	0

Notes:
This is a summary table. Only detected analytes are shown.
<0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
Yellow highlighted cells exceed the 2013 GA PMC
Green highlighted cells exceed the 2013 GB PMC
Blue highlighted cells exceed the 2013 RES DEC
RES DEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
GWPC = Groundwater Protection Criteria
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
NE = Criteria has not been established
NS = Not sampled for this constituent
ug/kg = micrograms per kilogram
ug/l = micrograms per liter
mg/kg = milligrams per kilogram
U = The analyte was not detected above the detection limit
J+ = Result may be biased high
J- = Result may be biased low
J = Result is considered estimated
UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-28 MW-28-021313-1 2/13/2013 SB64486	MW-28 MW-28-051413-1 5/14/2013 SB69540	MW-28 MW-28-08192013-1 8/19/2013 SB75322	MW-28 MW-28-11122013-1 11/12/2013 SB80164	MW-28 MW-28-04162014-1 4/16/2014 SB87783	MW-28 MW-28-090214-1 9/2/2014 SB95674	MW-28 MW-28-092214-1 9/22/2014 14090840	MW-28 MW-28-121614-1 12/16/2014 SC01285	MW-28 MW-28-071415-1 7/14/2015 GBJ46776	MW-28 MW-28-102915 10/29/2015 GBK15889	MW-28 MW-28-011416 1/14/2016 16010233	MW-28 MW-28-041316 4/13/2016 16040311	MW-28 MW-28-082316 8/23/2016 GBN96755	MW-28 MW-28-122216-1 12/22/2016 16L1122
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	< 0.070	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA
Acetone	700	10000	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA	NA	< 25	NA	NA	NA	NA	NA
Chloroform	6	14100	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA
Chloromethane	18	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA
Naphthalene	280	210	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	< 2.5	NA	NA	NA	NA	NA
Toluene	1000	4000000	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA
Trichloroethene	5	2340	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.10	< 0.11	< 0.11	< 0.10
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	< 0.07	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	NA	< 0.0060	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Arsenic	0.05	0.004	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	NA	< 0.0040	0.006	< 0.004	< 0.004	< 0.004	0.006	< 0.004
Barium	1	2.2	0.0546	0.0424	0.0486	0.0460	0.0626	0.0539	NA	0.0673	0.064	0.060	0.080	0.079	0.062	0.080
Beryllium	0.004	0.004	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA	< 0.0020	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Cadmium	0.005	0.006	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA	< 0.0025	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Calcium	NE	NE	35.8	25.4	25.2	28.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	< 0.0050	< 0.001	0.001	< 0.001	< 0.001	< 0.001	< 0.001
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	< 0.0050	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Iron	NE	10	1.48	0.633	6.10	10.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	NA	< 0.0075	< 0.002	0.003	0.005	< 0.002	< 0.002	< 0.002
Magnesium	NE	NE	12.3	8.90	9.03	10.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	1.78	2.29	3.12	2.39	NA	NA	NA							

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-28 MW-28-021313-1 2/13/2013 SB64486	MW-28 MW-28-051413-1 5/14/2013 SB69540	MW-28 MW-28-08192013-1 8/19/2013 SB75322	MW-28 MW-28-11122013-1 11/12/2013 SB80164	MW-28 MW-28-04162014-1 4/16/2014 SB87783	MW-28 MW-28-090214-1 9/2/2014 SB95674	MW-28 MW-28-092214-1 9/22/2014 14090840	MW-28 MW-28-121614-1 12/16/2014 SC01285	MW-28 MW-28-071415-1 7/14/2015 GBJ46776	MW-28 MW-28-102915 10/29/2015 GBK15889	MW-28 MW-28-011416 1/14/2016 16010233	MW-28 MW-28-041316 4/13/2016 16040311	MW-28 MW-28-082316 8/23/2016 GBN96755	MW-28 MW-28-122216-1 12/22/2016 16L1122
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.025	< 0.0253	< 0.025	< 0.025	< 0.025	NA	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0278	< 0.025	< 0.0050
Dichlorobiphenyl	NE	NE	< 0.005	< 0.00505	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.00556	< 0.005	< 0.0010
Heptachlorobiphenyl	NE	NE	< 0.015	< 0.0152	< 0.015	< 0.015	< 0.015	NA	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0167	< 0.015	< 0.0030
Hexachlorobiphenyl	NE	NE	< 0.01	< 0.0101	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0111	< 0.01	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.005	< 0.00505	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.00556	< 0.005	< 0.0010
Nonachlorobiphenyl	NE	NE	< 0.025	< 0.0253	< 0.025	< 0.025	< 0.025	NA	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0278	< 0.025	< 0.0050
Octachlorobiphenyl	NE	NE	< 0.015	< 0.0152	< 0.015	< 0.015	< 0.015	NA	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0167	< 0.015	< 0.0030
Pentachlorobiphenyl	NE	NE	< 0.01	< 0.0101	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0111	< 0.01	< 0.0020
Tetrachlorobiphenyl	NE	NE	< 0.01	< 0.0101	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0111	< 0.01	< 0.0020
Trichlorobiphenyl	NE	NE	< 0.005	< 0.00505	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.00556	< 0.005	< 0.0010
Total PCB Homologues	0.5	0.5	< 0.025	< 0.0253	< 0.025	< 0.025	< 0.025	NA	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0278	< 0.025	< 0.0050

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-28 MW-28-20170411-1 4/11/2017 17D0505	MW-28 MW-28-081617-1 8/16/2017 17H0897	MW-28 MW-28-111517-1 11/15/2017 17K0912	MW-28 MW-28-030618-1 3/6/2018 18C0227	MW-28 MW-28-062918-1 6/29/2018 18G0022	MW-28 MW-28-092818-1 9/28/2018 18I1338	MW-28 MW-28-121018-1 12/10/2018 18L0420	MW-28 MW-28-041519-1 4/15/2019 19D0788	MW-28 MW-28-071519-1 7/15/2019 19G0662	MW-28 MW-28-102219-1 10/22/2019 19J1349	MW-28 MW-28-012020-1 1/20/2020 20A0896	MW-28 MW-28-040620-1 4/6/2020 20D0235	MW-28 MW-28-070820-1 7/8/2020 20G0356	MW-28 MW-28-110520-1 11/5/2020 20K0256	
CT ETPH (mg/l)																	
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	0.076	< 0.15	< 0.15	0.16	< 0.15	< 0.15	< 0.14	< 0.15	
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
VOCs (ug/l)																	
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	
Acetone	700	10000	NA	NA	NA	NA	NA	NA	< 20	< 10	NA	NA	< 10	< 10	< 10	< 10	
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	< 2.0	< 0.60	NA	NA	< 1.0	< 1.0	< 0.60	< 0.60	
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	< 5.0	< 2.0	NA	NA	< 5.0	< 2.0	< 2.0	< 2.0	
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50	NA	NA	0.85	< 0.50	< 0.50	< 0.50	
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	< 10	< 10	NA	NA	< 10	< 10	< 10	< 10	
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	
SVOCs (ug/l)																	
2-Methylnaphthalene	28	62	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 1.1	< 1.0	< 1.0	< 0.98	< 1.0	< 0.96	< 0.95	< 1.0	
Acenaphthene	420	150	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.32	< 0.30	< 0.30	< 0.29	< 0.30	< 0.29	< 0.28	< 0.30	
Acenaphthylene	420	0.3	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.21	< 0.20	< 0.20	< 0.20	< 0.20	< 0.19	< 0.19	< 0.20	
Anthracene	2000	1100000	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.21	< 0.20	< 0.20	< 0.20	< 0.20	< 0.19	< 0.19	< 0.20	
Benzo(a)anthracene	0.06	0.3	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.053	< 0.050	< 0.050	< 0.049	< 0.051	< 0.048	< 0.047	< 0.050	
Benzo(a)pyrene	0.2	0.3	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.11	< 0.10	< 0.10	< 0.098	< 0.10	< 0.096	< 0.095	< 0.10	
Benzo(b)fluoranthene	0.08	0.3	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.053	< 0.050	< 0.050	< 0.049	< 0.051	< 0.048	< 0.047	< 0.050	
Benzo(g,h,i)perylene	0.48	150	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.53	< 0.50	< 0.50	< 0.49	< 0.51	< 0.48	< 0.47	< 0.50	
Benzo(k)fluoranthene	0.5	0.3	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.21	< 0.20	< 0.20	< 0.20	< 0.20	< 0.19	< 0.19	< 0.20	
Chrysene	4.8	0.54	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.21	< 0.20	< 0.20	< 0.20	< 0.20	< 0.19	< 0.19	< 0.20	
Dibenzo(a,h)anthracene	0.1	0.3	< 0.01	NA	< 0.01	NA	< 0.01	< 0.01	< 0.11	< 0.10	< 0.10	< 0.098	< 0.10	< 0.096	< 0.095	< 0.10	
Fluoranthene	280	3700	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.53	< 0.50	< 0.50	< 0.49	< 0.51	< 0.48	< 0.47	< 0.50	
Fluorene	280	140000	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 1.1	< 1.0	< 1.0	< 0.98	< 1.0	< 0.96	< 0.95	< 1.0	
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.11	< 0.10	< 0.10	< 0.098	< 0.10	< 0.096	< 0.095	< 0.10	
Naphthalene	280	210	< 0.10	NA	< 0.10	NA	< 0.10	< 0.09	< 1.1	< 1.0	< 1.0	< 0.98	< 1.0	< 0.96	< 0.95	< 1.0	
Phenanthrene	200	0.077	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.053	< 0.050	< 0.050	< 0.049	< 0.051	< 0.048	< 0.047	< 0.050	
Pyrene	200	110000	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 1.1	< 1.0	< 1.0	< 0.98	< 1.0	< 0.96	< 0.95	< 1.0	
SVOC-SIMs (ug/l)																	
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	< 0.01	NA	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	< 0.1	NA	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																	
Antimony	0.006	86	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.0050	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	
Arsenic	0.05	0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.0020	0.00083	0.0027	< 0.00080	< 0.00080	< 0.00080	0.0031	< 0.00080	
Barium	1	2.2	0.043	0.056	0.072	0.077	0.064	0.068	0.087	0.045	0.06	0.061	0.066	0.056	0.057	0.065	
Beryllium	0.004	0.004	< 0.001	< 0.001	< 0.001	NA	< 0.001	< 0.001	< 0.0020	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	
Cadmium	0.005	0.006	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0025	< 0.00050	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chromium	0.05	NE	< 0.001	< 0.001	< 0.001	0.002	< 0.001	< 0.001	< 0.0050	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0018	
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Copper	1.3	0.048	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.025	< 0.0050	0.0016	0.0017	< 0.0010	0.0013	0.0014	0.0022	
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lead	0.015	0.013	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0050	< 0.0010	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Mercury	0.002	0.0004	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	
Nickel	0.1	0.88	< 0.001	0.053	< 0.001	NA	< 0.001										

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-28 MW-28-20170411-1 4/11/2017 17D0505	MW-28 MW-28-081617-1 8/16/2017 17H0897	MW-28 MW-28-111517-1 11/15/2017 17K0912	MW-28 MW-28-030618-1 3/6/2018 18C0227	MW-28 MW-28-062918-1 6/29/2018 18G0022	MW-28 MW-28-092818-1 9/28/2018 18I1338	MW-28 MW-28-121018-1 12/10/2018 18L0420	MW-28 MW-28-041519-1 4/15/2019 19D0788	MW-28 MW-28-071519-1 7/15/2019 19G0662	MW-28 MW-28-102219-1 10/22/2019 19J1349	MW-28 MW-28-012020-1 1/20/2020 20A0896	MW-28 MW-28-040620-1 4/6/2020 20D0235	MW-28 MW-28-070820-1 7/8/2020 20G0356	MW-28 MW-28-110520-1 11/5/2020 20K0256
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	< 0.047	< 0.039	< 0.040	< 0.040	< 0.040	< 0.040	< 0.039	< 0.038	< 0.040
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0050	< 0.0054 UJ	< 0.0050	< 0.0051	< 0.0051	< 0.0048	< 0.0053	< 0.0049	< 0.0048	< 0.0050	< 0.0052	< 0.0050	< 0.0049	< 0.0050
Dichlorobiphenyl	NE	NE	< 0.0010	0.0044 J	< 0.0010	< 0.0010	< 0.0010	< 0.00096	< 0.0011	< 0.00097	0.0019	< 0.00099	0.0046	< 0.0010	0.0019	< 0.00099
Heptachlorobiphenyl	NE	NE	< 0.0030	< 0.0033 UJ	< 0.0030	< 0.0031	< 0.0030	< 0.0029	< 0.0032	< 0.0029	< 0.0029	< 0.0030	< 0.0031	< 0.0030	< 0.0029	< 0.0030
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0022 UJ	0.0040	< 0.0020	< 0.0020	< 0.0019	< 0.0021	< 0.0019	< 0.0019	< 0.0020	< 0.0021	< 0.0020	< 0.0019	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.0010	0.0017 J	< 0.0010	< 0.0010	< 0.0010	< 0.00096	< 0.0011	< 0.00097	< 0.00097	< 0.00099	0.0043	< 0.0010	0.0035	< 0.00099
Nonachlorobiphenyl	NE	NE	< 0.0050	< 0.0054 UJ	< 0.0050	< 0.0051	< 0.0051	< 0.0048	< 0.0053	< 0.0049	< 0.0048	< 0.0050	< 0.0052	< 0.0050	< 0.0049	< 0.0050
Octachlorobiphenyl	NE	NE	< 0.0030	< 0.0033 UJ	< 0.0030	< 0.0031	< 0.0030	< 0.0029	< 0.0032	< 0.0029	< 0.0029	< 0.0030	< 0.0031	< 0.0030	< 0.0029	< 0.0030
Pentachlorobiphenyl	NE	NE	< 0.0020	< 0.0022 UJ	0.011	< 0.0020	< 0.0020	< 0.0019	< 0.0021	< 0.0019	< 0.0019	< 0.0020	< 0.0021	< 0.0020	< 0.0019	< 0.0020
Tetrachlorobiphenyl	NE	NE	< 0.0020	0.0049 J	0.0068	< 0.0020	< 0.0020	< 0.0019	< 0.0021	< 0.0019	0.0023	< 0.0020	< 0.0021	< 0.0020	< 0.0019	< 0.0020
Trichlorobiphenyl	NE	NE	< 0.0010	0.0050 J	< 0.0010	< 0.0010	< 0.0010	< 0.00096	< 0.0011	< 0.00097	0.0031	< 0.00099	< 0.0021	< 0.0020	< 0.0019	< 0.0020
Total PCB Homologues	0.5	0.5	< 0.0050	0.016 J	0.0218	< 0.0051	< 0.0051	ND	ND	ND	0.0073	ND	0.0089	< 0.0050	0.0054	ND

Notes:
 This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
 GWPC = Ground water protection criteria
 SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 <0.01 = Not detected above the specified laboratory reporting limit
 NE = Criterion has not been established
 NA = Not analyzed for specific constituent
 ug/L = microgram per liter
 mg/L = milligram per Liter
 (1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
 (2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-35 MW-35-021313-1 2/13/2013 SB64486	MW-35 MW-35-051413-1 5/14/2013 SB69540	MW-35 MW-35-08192013-1 8/19/2013 SB75322	MW-35 MW-35-11142013-1 11/14/2013 SB80319	MW-35 MW-35-04162014-1 4/16/2014 SB87783	MW-35 MW-35-090514 9/5/2014 SB95848	MW-35 MW-35-092214-1 9/22/2014 14090840	MW-35 MW-35-121614-1 12/16/2014 SC01285	MW-35 MW-35-071415-1 7/14/2015 GBJ46776	MW-35 MW-35-102915 10/29/2015 GBK15889	MW-35 MW-35-011416 1/14/2016 GBK53183	MW-35 MW-35-041316 4/13/2016 16040311	MW-35 MW-35-082316 8/23/2016 GBN96755	MW-35 MW-35-122216-1 12/22/2016 16L1122
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.10	< 0.10	< 0.11	< 0.10
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	< 0.07	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.06	< 0.05
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	NA	< 0.0060	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Arsenic	0.05	0.004	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	NA	0.0053	0.007	< 0.004	0.005	< 0.004	< 0.004	0.005
Barium	1	2.2	0.182	0.291	0.232	0.245	0.364	0.597	NA	0.150	0.092	0.405	0.064	0.275	0.168	0.138
Beryllium	0.004	0.004	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA	< 0.0020	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Cadmium	0.005	0.006	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA	< 0.0025	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Calcium	NE	NE	34.2	64.5	50.8	58.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	< 0.0050	0.001	0.001	0.004	< 0.001	< 0.001	0.001
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	0.0062	< 0.0050	< 0.0050	< 0.0050	0.0122	< 0.0050	NA	0.0498	0.019	0.025	0.044	0.006	0.012	0.032
Iron	NE	10	0.189	0.741	0.0395	0.0216	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	NA	< 0.0075	0.008	0.003	0.011	< 0.002	< 0.002	0.003
Magnesium	NE	NE	7.77	14.1	11.7	13.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	0.104	0.425	0.536	0.138	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.00020	< 0.00												

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-35 MW-35-021313-1 2/13/2013 SB64486	MW-35 MW-35-051413-1 5/14/2013 SB69540	MW-35 MW-35-08192013-1 8/19/2013 SB75322	MW-35 MW-35-11142013-1 11/14/2013 SB80319	MW-35 MW-35-04162014-1 4/16/2014 SB87783	MW-35 MW-35-090514 9/5/2014 SB95848	MW-35 MW-35-092214-1 9/22/2014 14090840	MW-35 MW-35-121614-1 12/16/2014 SC01285	MW-35 MW-35-071415-1 7/14/2015 GBJ46776	MW-35 MW-35-102915 10/29/2015 GBK15889	MW-35 MW-35-011416 1/14/2016 GBK53183	MW-35 MW-35-041316 4/13/2016 16040311	MW-35 MW-35-082316 8/23/2016 GBN96755	MW-35 MW-35-122216-1 12/22/2016 16L1122
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.025	< 0.025	< 0.025	< 0.0266	< 0.025	NA	< 0.025	< 0.025	NA	< 0.025	< 0.026	< 0.0272	< 0.025	< 0.0050
Dichlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.00532	< 0.005	NA	< 0.005	< 0.005	NA	< 0.005	< 0.00521	< 0.00544	< 0.005	< 0.0010
Heptachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.015	< 0.016	< 0.015	NA	< 0.015	< 0.015	NA	< 0.015	< 0.0156	< 0.0163	< 0.015	< 0.0030
Hexachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.0106	< 0.01	NA	< 0.01	< 0.01	NA	< 0.01	< 0.0104	< 0.0109	< 0.01	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.00532	< 0.005	NA	< 0.005	< 0.005	NA	< 0.005	< 0.00521	< 0.00544	< 0.005	< 0.0010
Nonachlorobiphenyl	NE	NE	< 0.025	< 0.025	< 0.025	< 0.0266	< 0.025	NA	< 0.025	< 0.025	NA	< 0.025	< 0.026	< 0.0272	< 0.025	< 0.0050
Octachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.015	< 0.016	< 0.015	NA	< 0.015	< 0.015	NA	< 0.015	< 0.0156	< 0.0163	< 0.015	< 0.0030
Pentachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.0106	< 0.01	NA	< 0.01	< 0.01	NA	< 0.01	< 0.0104	< 0.0109	< 0.01	< 0.0020
Tetrachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.0106	< 0.01	NA	< 0.01	< 0.01	NA	< 0.01	< 0.0104	< 0.0109	< 0.01	< 0.0020
Trichlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.00532	< 0.005	NA	< 0.005	< 0.005	NA	< 0.005	< 0.00521	< 0.00544	< 0.005	< 0.0010
Total PCB Homologues	0.5	0.5	< 0.025	< 0.025	< 0.025	< 0.0266	< 0.025	NA	< 0.025	< 0.025	NA	< 0.025	< 0.026	< 0.0272	< 0.025	< 0.0050

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-35 MW-35-20170411-1 4/11/2017 17D0505	MW-35 MW-35-081617-1 8/16/2017 17H0897	MW-35 MW-35-111617-1 11/16/2017 17K1027	MW-35 MW-35-030618-1 3/6/2018 18C0227	MW-35 MW-35-062918-1 6/29/2018 18G0022	MW-35 MW-35-092818-1 9/28/2018 18I1338	MW-35 MW-35-121018-1 12/10/2018 18L0420	MW-35 MW-35-041519-1 4/15/2019 19D0788	MW-35 MW-35-071519-1 7/15/2019 19G0662	MW-35 MW-35-102219-1 10/22/2019 19J1349	MW-35 MW-35-012020-1 1/20/2020 20A0896	MW-35 MW-35-040620-1 4/6/2020 20D0235	MW-35 MW-35-071020-1 7/10/2020 20G0456	MW-35 MW-35-110520-1 11/5/2020 20K0256
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	0.13	NA	NA	NA	< 0.15	< 0.15	< 0.14	0.30
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	< 1.0	< 0.50	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50
Acetone	700	10000	NA	NA	NA	NA	NA	NA	< 40	< 10	NA	NA	< 10	< 10	< 10	< 10
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	< 1.0	< 0.50	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	< 4.0	< 0.60	NA	NA	< 1.0	< 1.0	< 0.60	< 0.60
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	< 1.0	< 0.50	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	< 10	< 2.0	NA	NA	< 5.0	< 2.0	< 2.0	< 2.0
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	< 1.0	< 0.50	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	2.4	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	< 20	< 10	NA	NA	< 10	< 10	< 10	< 10
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	< 2.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	< 2.0	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.97	< 1.0	< 1.0	< 0.98	NA	NA	NA	NA
Acenaphthene	420	150	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.29	< 0.31	< 0.30	< 0.29	NA	NA	NA	NA
Acenaphthylene	420	0.3	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.19	< 0.21	< 0.20	< 0.20	NA	NA	NA	NA
Anthracene	2000	1100000	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.19	< 0.21	< 0.20	< 0.20	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.049	< 0.052	< 0.050	< 0.049	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.097	< 0.10	< 0.10	< 0.098	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.049	< 0.052	< 0.050	< 0.049	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.49	< 0.52	< 0.50	< 0.49	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.19	< 0.21	< 0.20	< 0.20	NA	NA	NA	NA
Chrysene	4.8	0.54	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.19	< 0.21	< 0.20	< 0.20	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.01	NA	< 0.01	NA	< 0.01	< 0.01	< 0.097	< 0.10	< 0.10	< 0.098	NA	NA	NA	NA
Fluoranthene	280	3700	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.49	< 0.52	< 0.50	< 0.49	NA	NA	NA	NA
Fluorene	280	140000	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.97	< 1.0	< 1.0	< 0.98	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.097	< 0.10	< 0.10	< 0.098	NA	NA	NA	NA
Naphthalene	280	210	< 0.10	NA	< 0.09	NA	< 0.10	< 0.10	< 0.97	< 1.0	< 1.0	< 0.98	NA	NA	NA	NA
Phenanthrene	200	0.077	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.049	< 0.052	< 0.050	< 0.049	NA	NA	NA	NA
Pyrene	200	110000	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.97	< 1.0	< 1.0	< 0.98	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	< 0.01	NA	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	< 0.1	NA	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.0050	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Arsenic	0.05	0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	0.015	0.0087	0.0029	0.0019	< 0.00080	0.0017	0.00093	0.0012	0.0046
Barium	1	2.2	0.401	0.481	0.575	0.147	0.568	0.201	0.08	0.16	0.37	0.67	0.96	0.18	0.22	0.13
Beryllium	0.004	0.004	< 0.001	< 0.001	< 0.001	NA	< 0.001	0.001	< 0.0020	< 0.00040	< 0.00040	< 0.00040	0.00043	0.00048	< 0.00040	0.0014
Cadmium	0.005	0.006	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0025	< 0.00050	< 0.00020	0.00083	0.0015	< 0.00020	< 0.00020	< 0.00020
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	0.002	< 0.001	< 0.001	0.003	< 0.001	0.006	0.0057	0.0020	< 0.0010	< 0.0010	< 0.0010	0.0013	0.0012	0.0056
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	0.016	< 0.005	0.017	NA	< 0.005	0.048	0.044	0.011	0.0057	0.013	0.024	0.019	0.011	0.064
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	0.005	< 0.002	0.002	0.01	< 0.002	0.030	0.022	0.029	0.0017	0.0012	0.0041	0.0045	0.012	0.019
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Nickel	0.1	0.88	0.005	0.004	0.009	NA	0.006	0.012	< 0.025	< 0.0050	0.0083	0.012	0.011	0.0051	< 0.0050	0.0097
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.010	< 0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.025	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Silver	0.036	0.012	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0025	< 0.00050	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.0	

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-35 MW-35-20170411-1 4/11/2017 17D0505	MW-35 MW-35-081617-1 8/16/2017 17H0897	MW-35 MW-35-111617-1 11/16/2017 17K1027	MW-35 MW-35-030618-1 3/6/2018 18C0227	MW-35 MW-35-062918-1 6/29/2018 18G0022	MW-35 MW-35-092818-1 9/28/2018 18I1338	MW-35 MW-35-121018-1 12/10/2018 18L0420	MW-35 MW-35-041519-1 4/15/2019 19D0788	MW-35 MW-35-071519-1 7/15/2019 19G0662	MW-35 MW-35-102219-1 10/22/2019 19J1349	MW-35 MW-35-012020-1 1/20/2020 20A0896	MW-35 MW-35-040620-1 4/6/2020 20D0235	MW-35 MW-35-071020-1 7/10/2020 20G0456	MW-35 MW-35-110520-1 11/5/2020 20K0256
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	< 0.047	NA	< 0.040	< 0.040	< 0.040	< 0.038	< 0.039	< 0.040	< 0.040
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0050	< 0.0054 UJ	< 0.0048	< 0.0051	< 0.0051	< 0.0049	< 0.0050	< 0.0049	< 0.0048	< 0.0050	< 0.0048	< 0.0050	< 0.0050	< 0.0051
Dichlorobiphenyl	NE	NE	< 0.0010	< 0.0011 UJ	< 0.00096	< 0.0010	< 0.0010	< 0.00098	< 0.00099	< 0.00098	< 0.00095	< 0.00099	< 0.00097	< 0.0010	< 0.0010	< 0.0010
Heptachlorobiphenyl	NE	NE	< 0.0030	< 0.0033 UJ	< 0.0029	< 0.0031	< 0.0031	< 0.0029	< 0.0030	< 0.0029	< 0.0029	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0030
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0022 UJ	< 0.0019	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0019	< 0.0020	< 0.0019	< 0.0020	< 0.0020	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.0010	0.0018 J	< 0.00096	< 0.0010	< 0.0010	< 0.00098	< 0.00099	< 0.00098	< 0.00095	< 0.00099	< 0.00097	< 0.0010	< 0.0010	< 0.0010
Nonachlorobiphenyl	NE	NE	< 0.0050	< 0.0054 UJ	< 0.0048	< 0.0051	< 0.0051	< 0.0049	< 0.0050	< 0.0049	< 0.0048	< 0.0050	< 0.0048	< 0.0050	< 0.0050	< 0.0051
Octachlorobiphenyl	NE	NE	< 0.0030	< 0.0033 UJ	< 0.0029	< 0.0031	< 0.0031	< 0.0029	< 0.0030	< 0.0029	< 0.0029	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0030
Pentachlorobiphenyl	NE	NE	< 0.0020	< 0.0022 UJ	< 0.0019	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0019	< 0.0020	< 0.0019	< 0.0020	< 0.0020	< 0.0020
Tetrachlorobiphenyl	NE	NE	< 0.0020	< 0.0022 UJ	< 0.0019	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0019	< 0.0020	< 0.0019	< 0.0020	< 0.0020	< 0.0020
Trichlorobiphenyl	NE	NE	< 0.0010	< 0.0011 UJ	< 0.00096	< 0.0010	< 0.0010	< 0.00098	< 0.00099	< 0.00098	< 0.00095	< 0.00099	< 0.00097	< 0.0010	< 0.0020	< 0.0020
Total PCB Homologues	0.5	0.5	< 0.0050	0.0018 J	< 0.0048	< 0.0051	< 0.0051	ND	ND	ND	ND	ND	< 0.0048	< 0.0050	< 0.0050	ND

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AA12 MW-AA12-021513-1 2/15/2013 SB64640	MW-AA12 MW-AA12-051513-1 5/15/2013 SB69757	MW-AA12 MW-AA12-051613-1 5/16/2013 SB69757	MW-AA12 MW-AA12-08222013-1 8/22/2013 SB75529	MW-AA12 MW-AA12-11142013-1 11/14/2013 13110430	MW-AA12 MW-AA12-04142014-1 4/17/2014 14040385	MW-AA12 MW-AA12-092514-1 9/25/2014 14090859	MW-AA12 MW-AA12-121714-1 12/17/2014 14120417	MW-AA12 MW-AA12-071515-1 7/15/2015 GBJ47837	MW-AA12 MW-AA12-102915 10/29/2015 GBK15889	MW-AA12 MW-AA12-011216 1/12/2016 GBK52448	MW-AA12 MW-AA12-011316 1/13/2016 16010232	MW-AA12 MW-AA12-041416 4/14/2016 16040313	MW-AA12 MW-AA12-082416 8/24/2016 GBN97446
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 1.00	1.67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	0.51	0.72	0.84	NA	0.56	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	1.9	2.7	3.8	NA	< 0.09	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05	NA	< 0.09	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	0.39	0.26	0.66	NA	< 0.09	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	0.12	0.08	< 0.05	NA	< 0.05	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	0.05	< 0.05	< 0.05	NA	< 0.09	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	0.07	< 0.05	< 0.05	NA	< 0.07	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	0.07	< 0.05	NA	< 0.09	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	0.02	< 0.05	< 0.05	NA	< 0.09	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	0.12	0.12	< 0.05	NA	< 0.09	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	< 0.01	< 0.01	< 0.01	NA	< 0.01	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	0.90	0.30	0.53	NA	0.10	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	1.1	1.3	2.2	NA	0.61	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	0.02	< 0.05	< 0.05	NA	< 0.09	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	2.2	3.3	2.7	NA	2.4	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	2.1	1.1	2.3	NA	1.3	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	0.63	0.39	0.33	NA	< 0.09	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	0.203	NA	1.08	1.73	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	< 0.161	NA	0.601	1.67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	3.63	4.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	< 0.161	NA	< 0.065	0.087	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	< 0.161	NA	0.674	0.834	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	< 0.161	NA	0.182	0.186	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	< 0.161	NA	0.133	0.179	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.161	NA	0.097	0.173	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	< 0.161	NA	< 0.065	0.121	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.161	NA	0.079	0.132	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	< 0.161	NA	0.165	0.140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.161	NA	< 0.065	0.055	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	0.313	NA	0.812	0.669	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	0.352	NA	1.79	2.63	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.161	NA	0.077	0.159	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 0.161	NA	0.590	10.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	0.410	NA	3.29	3.39	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	0.206	NA	0.577	0.523	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0060	NA	NA	NA	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005
Arsenic	0.05	0.004	< 0.0040	NA	NA	NA	NA	NA	NA	NA	< 0.004	< 0.004	< 0.004	NA	< 0.004	< 0.004
Barium	1	2.2	0.0627	NA	NA	NA	NA	NA	NA	NA	0.577	0.265	0.314	NA	0.147	0.449
Beryllium	0.004	0.004	< 0.0020	NA	NA	NA	NA	NA	NA	NA	< 0.001	< 0.001	< 0.001	NA	< 0.001	< 0.001
Cadmium	0.005	0.006	< 0.0025	NA	NA	NA	NA	NA	NA	NA	< 0.001	< 0.001	< 0.001	NA	< 0.001	< 0.001
Calcium	NE	NE	25.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	< 0.0050	NA	NA	NA	NA	NA	NA	NA	< 0.001	< 0.001	< 0.001	NA	< 0.001	< 0.001
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	< 0.0050	NA	NA	NA	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005
Iron	NE	10	0.0968	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	< 0.0075	NA	NA	NA	NA	NA	NA	NA	0.002	< 0.002	0.005	NA	0.003	< 0.002
Magnesium	NE	NE	1.46	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	0.0342	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.00020	NA	NA	NA	NA	NA	NA	NA	< 0.0002	< 0.0002	< 0.0002	NA	< 0.0002	< 0.0002
Nickel	0.1	0.88	< 0.0050	NA	NA	NA	NA	NA	NA	NA	0.002	0.002	< 0.001	NA	0.003	< 0.001
Potassium	NE	NE	3.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.0150	NA	NA	NA	NA	NA	NA	NA	< 0.010	< 0.010	< 0.010	NA	< 0.010	< 0.010
Silver	0.036	0.012	< 0.0050	NA	NA	NA	NA	NA	NA	NA	< 0.001	< 0.001	< 0.001	NA	< 0.001	< 0.001
Sodium	NE	NE	6.63	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	< 0.0050	NA	NA	NA	NA	NA	NA	NA	< 0.001	< 0.001	< 0.001	NA	< 0.001	< 0.001
Vanadium	0.05	0.27	< 0.0050	NA	NA	NA	NA	NA	NA	NA	< 0.002	< 0.002	< 0.002	NA	< 0.002	< 0.002
Zinc	5	0.123	0.119	NA	NA	NA	NA	NA	NA	NA	0.018	0.142	0.115	NA	0.205	0.155

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AA12 MW-AA12-021513-1 2/15/2013 SB64640	MW-AA12 MW-AA12-051513-1 5/15/2013 SB69757	MW-AA12 MW-AA12-051613-1 5/16/2013 SB69757	MW-AA12 MW-AA12-08222013-1 8/22/2013 SB75529	MW-AA12 MW-AA12-11142013-1 11/14/2013 13110430	MW-AA12 MW-AA12-04142014-1 4/17/2014 14040385	MW-AA12 MW-AA12-092514-1 9/25/2014 14090859	MW-AA12 MW-AA12-121714-1 12/17/2014 14120417	MW-AA12 MW-AA12-071515-1 7/15/2015 GBJ47837	MW-AA12 MW-AA12-102915 10/29/2015 GBK15889	MW-AA12 MW-AA12-011216 1/12/2016 GBK52448	MW-AA12 MW-AA12-011316 1/13/2016 16010232	MW-AA12 MW-AA12-041416 4/14/2016 16040313	MW-AA12 MW-AA12-082416 8/24/2016 GBN97446
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0379	< 0.0294	NA	< 0.0294	< 0.025	< 0.025	< 0.0481	< 0.025	< 0.0255	< 0.025	NA	< 0.025	< 0.0291	< 0.0526
Dichlorobiphenyl	NE	NE	1.47	1.08	NA	1.39	1.88	1.20	1.99	2.32	1.18	1.67	NA	1.37	1.29	4.23
Heptachlorobiphenyl	NE	NE	< 0.0227	< 0.0176	NA	< 0.0176	< 0.015	< 0.015	< 0.0288	0.0751	< 0.0153	< 0.015	NA	< 0.015	< 0.0174	< 0.0316
Hexachlorobiphenyl	NE	NE	< 0.0152	< 0.0118	NA	< 0.0118	0.293	< 0.01	< 0.0192	< 0.01	< 0.0102	< 0.01	NA	< 0.01	< 0.0116	0.139
Monochlorobiphenyl	NE	NE	0.144	0.154	NA	0.252	0.289	0.209	0.252	0.161	0.0967	0.139	NA	< 0.005	0.109	0.296
Nonachlorobiphenyl	NE	NE	< 0.0379	< 0.0294	NA	< 0.0294	< 0.025	< 0.025	< 0.0481	< 0.025	< 0.0255	< 0.025	NA	< 0.025	< 0.0291	< 0.0526
Octachlorobiphenyl	NE	NE	< 0.0227	< 0.0176	NA	< 0.0176	< 0.015	< 0.015	< 0.0288	0.0206	< 0.0153	< 0.015	NA	< 0.015	< 0.0174	< 0.0316
Pentachlorobiphenyl	NE	NE	< 0.0152	< 0.0118	NA	< 0.0118	1.02	< 0.01	< 0.0192	0.341	< 0.0102	< 0.01	NA	< 0.01	0.0571	3.67
Tetrachlorobiphenyl	NE	NE	< 0.0152	0.116	NA	0.0406	1.95	0.140	0.0390	1.91	< 0.0102	< 0.01	NA	0.200	0.408	< 0.0211
Trichlorobiphenyl	NE	NE	0.478	0.568	NA	0.525	2.34	0.765	0.886	3.38	0.673	0.867	NA	0.948	0.936	7.78
Total PCB Homologues	0.5	0.5	2.092	1.92	NA	2.21	7.772	2.314	3.17	8.21	1.95	2.68	NA	2.52	2.80	16.1

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AA12 MW-AA12-20170411- 4/11/2017 17D0505	MW-AA12 MW-AA12-082417-1 8/24/2017 GBY92749	MW-AA12 MW-AA12-030818-1 3/8/2018 18C0412	MW-AA12 MW-AA12-062718-1 6/27/2018 18F1460	MW-AA12 MW-AA12-121318-1 12/13/2018 18L0663	MW-AA12 MW-AA12-041819-1 4/18/2019 19D0971	MW-AA12 MW-AA12-071619-1 7/16/2019 19G0888	MW-AA12 MW-AA12-102319-1 10/23/2019 19J1470	MW-AA12 MW-AA12-012020-1 1/20/2020 20A0885	MW-AA12 MW-AA12-040720-1 4/7/2020 20D0295	MW-AA12 MW-AA12-071320-1 7/13/2020 20G0538	MW-AA12 MW-AA12-110620-1 11/6/2020 20K0339	MW-AA12D MW-AA12-D-082417- 8/24/2017 17H1571	MW-AA12D MW-AA12D-111417- 11/14/2017 17K0813
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	0.70	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	< 0.60	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	1.4	0.72	0.66	< 0.05	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	6.4	5.6	4.1	0.62	NA	NA	3.3	< 0.30	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	< 0.05	0.10	0.07	0.05	NA	NA	< 0.20	< 0.20	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	0.58	3.0	1.3	0.07	NA	NA	0.39	< 0.20	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	< 0.05	6.0	1.9	0.05	NA	NA	< 0.050	< 0.051	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	< 0.05	4.9	1.7	< 0.05	NA	NA	< 0.10	< 0.10	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.05	5.3	1.6	0.05	NA	NA	< 0.050	< 0.051	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	< 0.05	3.5	1.1	< 0.05	NA	NA	< 0.50	< 0.51	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.05	2.9	1.4	< 0.05	NA	NA	< 0.20	< 0.20	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	< 0.05	4.5	1.7	0.06	NA	NA	< 0.20	< 0.20	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.01	1.7	0.44	< 0.01	NA	NA	< 0.10	< 0.10	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	0.42	9.5	3.9	0.18	NA	NA	< 0.50	< 0.51	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	3.4	3.7	2.5	0.34	NA	NA	1.6	< 1.0	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.05	3.5	1.0	< 0.05	NA	NA	< 0.10	< 0.10	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	8.2	1.9	1.6	0.18	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	2.9	9.6	4.7	0.07	NA	NA	1.5	< 0.051	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	0.23	7.8	3.4	0.10	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.0010	< 0.0010	< 0.0010	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	< 0.004	< 0.004	< 0.004	< 0.004	NA	0.00097	0.00093	0.0025	NA	NA	NA	NA	NA	NA
Barium	1	2.2	0.675	0.594	0.242	0.780	NA	0.22	0.32	0.12	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	< 0.001	< 0.001	< 0.001	< 0.001	NA	< 0.00040	< 0.00040	< 0.00040	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	< 0.001	< 0.001	< 0.001	< 0.001	NA	< 0.00050	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	< 0.001	< 0.001	< 0.001	< 0.001	NA	< 0.0010	< 0.0010	< 0.0010	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.0050	0.0019	0.0086	NA	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	< 0.002	< 0.002	< 0.002	< 0.002	NA	0.0018	0.0031	0.0015	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	< 0.00010	< 0.00010	< 0.00010	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	0.001	0.002	0.001	0.002	NA	< 0.0050	0.0055	< 0.0050	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.010	< 0.010	< 0.010	< 0.010	NA	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	< 0.001	< 0.001	< 0.001	< 0.001	NA	< 0.00050	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	< 0.0005	< 0.001	< 0.0005	< 0.0005	NA	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	< 0.002	< 0.002	< 0.002	< 0.002	NA	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	0.028	0.045	0.275	0.206	NA	0.84	1.7	1.6	NA	NA	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AA12 MW-AA12-20170411- 4/11/2017 17D0505	MW-AA12 MW-AA12-082417-1 8/24/2017 GBY92749	MW-AA12 MW-AA12-030818-1 3/8/2018 18C0412	MW-AA12 MW-AA12-062718-1 6/27/2018 18F1460	MW-AA12 MW-AA12-121318-1 12/13/2018 18L0663	MW-AA12 MW-AA12-041819-1 4/18/2019 19D0971	MW-AA12 MW-AA12-071619-1 7/16/2019 19G0888	MW-AA12 MW-AA12-102319-1 10/23/2019 19J1470	MW-AA12 MW-AA12-012020-1 1/20/2020 20A0885	MW-AA12 MW-AA12-040720-1 4/7/2020 20D0295	MW-AA12 MW-AA12-071320-1 7/13/2020 20G0538	MW-AA12 MW-AA12-110620-1 11/6/2020 20K0339	MW-AA12D MW-AA12-D-082417- 8/24/2017 17H1571	MW-AA12D MW-AA12D-111417- 11/14/2017 17K0813
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0052	< 0.0050 UJ	< 0.0054	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0052	< 0.0050	< 0.0047	< 0.0050	< 0.0065	< 0.0050 UJ	< 0.0052
Dichlorobiphenyl	NE	NE	0.98	0.29 J	1.1	0.96	0.42	0.28	0.049	0.050	0.11	0.13	0.20	0.33	0.029 J	0.0087
Heptachlorobiphenyl	NE	NE	< 0.0031	< 0.0030 UJ	< 0.0032	< 0.0030	< 0.0031	< 0.0030	< 0.0031	< 0.0031	0.0074	< 0.0028	< 0.0030	< 0.0039	< 0.0030 UJ	< 0.0031
Hexachlorobiphenyl	NE	NE	< 0.0021	< 0.0020 UJ	0.0069	0.0055	< 0.0020	< 0.0020	< 0.0020	0.0022	0.070	< 0.0019	< 0.0020	< 0.0026	< 0.0020 UJ	< 0.0021
Monochlorobiphenyl	NE	NE	0.094	0.019 J	0.068	0.046	0.0079	0.0097	0.0015	0.0013	< 0.0010	0.074	0.16	0.055	0.0053 J	0.0013
Nonachlorobiphenyl	NE	NE	< 0.0052	< 0.0050 UJ	< 0.0054	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0052	< 0.0050	< 0.0047	< 0.0050	< 0.0065	< 0.0050 UJ	< 0.0052
Octachlorobiphenyl	NE	NE	< 0.0031	< 0.0030 UJ	< 0.0032	< 0.0030	< 0.0031	< 0.0030	< 0.0031	< 0.0031	< 0.0030	< 0.0028	< 0.0030	< 0.0039	< 0.0030 UJ	< 0.0031
Pentachlorobiphenyl	NE	NE	0.016	< 0.0020 UJ	0.037	0.054	0.014	0.016	0.024	0.034	0.17	0.0094	0.011	0.0094	< 0.0020 UJ	< 0.0021
Tetrachlorobiphenyl	NE	NE	0.12	0.042 J	0.25	0.26	0.10	0.12	0.17	0.20	0.38	0.078	0.12	0.095	0.041 J	0.022
Trichlorobiphenyl	NE	NE	0.45	0.15 J	0.67	0.63	0.39	0.35	0.44	0.30	0.25	0.18	0.28	0.32	0.067 J	0.024
Total PCB Homologues	0.5	0.5	1.66	0.51 J	2.1319	1.9555	0.94	0.77	0.69	0.58	0.9874	0.4714	0.771	0.81	0.14 J	0.056

Notes:
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GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AA12D MW-AA12D-030618- 3/6/2018 18C0227	MW-AA12D MW-AA12D-062618- 6/26/2018 18F1321	MW-AA12D MW-AA12D-092618- 9/26/2018 18I1195	MW-AA12D MW-AA12D-121218- 12/12/2018 18L0583	MW-AA12D MW-AA12D-041819- 4/18/2019 19D0971	MW-AA12D MW-AA12D-071719- 7/17/2019 19G0888	MW-AA12D MW-AA12D-071719- 7/17/2019 19G0888	MW-AA12D MW-AA12D-102319- 10/23/2019 19J1470	MW-AA12D MW-AA12D-012020- 1/20/2020 20A0896	MW-AA12D MW-AA12D-040720- 4/7/2020 20D0295	MW-AA12D MW-AA12D-070820- 7/8/2020 20G0356	MW-AA12D MW-AA12D-110620- 11/6/2020 20K0339	MW-AA19 MW-AA19-021213-1 2/12/2013 SB64486	MW-AA19 MW-AA19-051513-1 5/15/2013 SB69668
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.0051	< 0.0052	< 0.0051	< 0.0048	< 0.0052	< 0.0047	< 0.0049	< 0.0049	< 0.025	< 0.025
Dichlorobiphenyl	NE	NE	0.013	0.0080	0.013	0.0075	0.0056	0.0066	0.0071	0.0052	0.0040	0.0031	0.0043	0.0066	< 0.005	< 0.005
Heptachlorobiphenyl	NE	NE	< 0.0029	< 0.0030	< 0.0030	< 0.0029	< 0.0031	< 0.0031	< 0.0031	< 0.0029	< 0.0031	< 0.0028	< 0.0029	< 0.0029	< 0.015	< 0.015
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	0.0030	< 0.0020	< 0.0020	< 0.0021	< 0.0020	< 0.0019	< 0.0021	< 0.0019	< 0.0020	< 0.0020	< 0.01	< 0.01
Monochlorobiphenyl	NE	NE	0.0019	< 0.0010	0.0012	< 0.00098	< 0.0010	0.0011	0.0013	< 0.00095	0.0015	0.0011	< 0.00098	0.0025	< 0.005	< 0.005
Nonachlorobiphenyl	NE	NE	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.0051	< 0.0052	< 0.0051	< 0.0048	< 0.0052	< 0.0047	< 0.0049	< 0.0049	< 0.025	< 0.025
Octachlorobiphenyl	NE	NE	< 0.0029	< 0.0030	< 0.0030	< 0.0029	< 0.0031	< 0.0031	< 0.0031	< 0.0029	< 0.0031	< 0.0028	< 0.0029	< 0.0029	< 0.015	< 0.015
Pentachlorobiphenyl	NE	NE	0.0070	< 0.0020	0.043	0.0045	0.0042	0.0022	0.0024	0.0055	< 0.0021	0.0023	< 0.0020	0.0089	< 0.01	< 0.01
Tetrachlorobiphenyl	NE	NE	0.045	0.015	0.14	0.026	0.024	0.014	0.016	0.025	0.012	0.012	0.011	0.055	< 0.01	< 0.01
Trichlorobiphenyl	NE	NE	0.044	0.012	0.086	0.018	0.016	0.0097	0.010	0.017	0.0073	0.0060	0.0058	0.037	< 0.005	< 0.005
Total PCB Homologues	0.5	0.5	0.1109	0.035	0.28	0.056	0.050	0.034	0.037	0.052	0.0248	0.0245	0.0211	0.11	< 0.025	< 0.025

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AA19 MW-AA19-08212013- 8/21/2013 SB75423	MW-AA19 MW-AA19-11112013- 11/11/2013 SB80164	MW-AA19 MW-AA19-04172014- 4/17/2014 SB87951	MW-AA19 MW-AA19-092314-1 9/23/2014 14090840	MW-AA19 MW-AA19-121714-1 12/17/2014 14120417	MW-AA19 MW-AA19-071515-1 7/15/2015 15070383	MW-AA19 MW-AA19-011316 1/13/2016 16010233	MW-AA19 MW-AA19-041416 4/14/2016 16040313	MW-AA19 MW-AA19-082616 8/26/2016 16080630	MW-AA19 MW-AA19-122016-1 12/20/2016 16L0972	MW-AA19 MW-AA19-20170413- 4/13/2017 17D0656	MW-AA19 MW-AA19-081817-1 8/18/2017 17H1062	MW-AA19 MW-AA19-111617-1 11/16/2017 17K1027	MW-AA19 MW-AA19-030918-1 3/9/2018 18C0412
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	< 0.2	< 0.2	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	< 0.2	< 0.2	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	< 0.2	< 0.2	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	< 0.050	< 0.050	< 0.150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.050	< 0.050	< 0.060	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.050	< 0.050	< 0.060	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.050	< 0.050	< 0.080	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.050	< 0.050	< 0.150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 0.090	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	0.0062	< 0.0060	< 0.0060	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	< 0.0040	< 0.0040	< 0.0040	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	2.44	2.66	2.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	< 0.0020	< 0.0020	< 0.0020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	< 0.0025	< 0.0025	< 0.0025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	224	223	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	134	113	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	0.0114	0.0099	< 0.0075	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	69.4	72.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	8.36	7.06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	< 0.0050	0.0052	0.0075	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	22.6	15.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.0150	< 0.0150	< 0.0150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	1110	642	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AA19 MW-AA19-08212013- 8/21/2013 SB75423	MW-AA19 MW-AA19-11112013- 11/11/2013 SB80164	MW-AA19 MW-AA19-04172014- 4/17/2014 SB87951	MW-AA19 MW-AA19-092314-1 9/23/2014 14090840	MW-AA19 MW-AA19-121714-1 12/17/2014 14120417	MW-AA19 MW-AA19-071515-1 7/15/2015 15070383	MW-AA19 MW-AA19-011316 1/13/2016 16010233	MW-AA19 MW-AA19-041416 4/14/2016 16040313	MW-AA19 MW-AA19-082616 8/26/2016 16080630	MW-AA19 MW-AA19-122016-1 12/20/2016 16L0972	MW-AA19 MW-AA19-20170413- 4/13/2017 17D0656	MW-AA19 MW-AA19-081817-1 8/18/2017 17H1062	MW-AA19 MW-AA19-111617-1 11/16/2017 17K1027	MW-AA19 MW-AA19-030918-1 3/9/2018 18C0412
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0255	< 0.0050	< 0.0055	< 0.0054 UJ	< 0.0046	< 0.0049
Dichlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0051	< 0.0010	< 0.0011	< 0.0011 UJ	< 0.00092	< 0.00097
Heptachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0153	< 0.0030	< 0.0033	< 0.0032 UJ	< 0.0028	< 0.0029
Hexachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0102	< 0.0020	< 0.0022	< 0.0022 UJ	< 0.0018	< 0.0019
Monochlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0051	< 0.0010	< 0.0011	< 0.0011 UJ	< 0.00092	< 0.00097
Nonachlorobiphenyl	NE	NE	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0255	< 0.0050	< 0.0055	< 0.0054 UJ	< 0.0046	< 0.0049
Octachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0153	< 0.0030	< 0.0033	< 0.0032 UJ	< 0.0028	< 0.0029
Pentachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0102	< 0.0020	< 0.0022	< 0.0022 UJ	< 0.0018	< 0.0019
Tetrachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0102	< 0.0020	< 0.0022	< 0.0022 UJ	< 0.0018	< 0.0019
Trichlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0051	< 0.0010	< 0.0011	< 0.0011 UJ	< 0.00092	< 0.00097
Total PCB Homologues	0.5	0.5	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0255	< 0.0050	< 0.0055	< 0.0054 UJ	< 0.0046	< 0.0049

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AA19 MW-AA19-062918-1 6/29/2018 18G0022	MW-AA19 MW-AA19-092518-1 9/25/2018 18I1109	MW-AA19 MW-AA19-121318-1 12/13/2018 18L0663	MW-AE8 MW-AE8-021413-1 2/14/2013 SB64588	MW-AE8 MW-AE8-051513-1 5/15/2013 SB69668	MW-AE8 MW-AE8-08202013- 8/20/2013 SB75423	MW-AE8 MW-AE8-11132013- 11/13/2013 SB80244	MW-AE8 MW-AE8-04172014- 4/17/2014 SB87951	MW-AE8 MW-AE8-090414-1 9/4/2014 SB95779	MW-AE8 MW-AE8-092514-1 9/25/2014 14090859	MW-AE8 MW-AE8-121714-1 12/17/2014 SC01370	MW-AE8 MW-AE8-071415-1 7/14/2015 GBJ46776	MW-AE8 MW-AE8-102715 10/27/2015 GBK15071	MW-AE8 MW-AE8-011216 1/12/2016 16010232
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.3	NA	NA	NA	< 0.070	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.3	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.3	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	< 1.0	NA	NA
Acetone	700	10000	NA	NA	NA	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA	NA	< 25	NA	NA
Chloroform	6	14100	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	< 1.0	NA	NA
Chloromethane	18	10000	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	< 1.0	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	< 1.0	NA	NA
Naphthalene	280	210	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	< 1.0	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	< 1.0	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	< 1.0	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	< 2.5	NA	NA
Toluene	1000	4000000	NA	NA	NA	< 1.00	< 1.00	1.33	< 1.00	< 1.00	NA	NA	NA	< 1.0	NA	NA
Trichloroethene	5	2340	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	< 1.0	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.01	< 0.01	< 0.01
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.05	< 0.05
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.11
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.07	< 0.05	< 0.05
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.05	< 0.05
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	< 0.050	< 0.050	< 0.090	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	NA	< 0.0060	< 0.005	< 0.005	< 0.005
Arsenic	0.05	0.004	NA	NA	NA	< 0.0040	< 0.0040	0.0064	< 0.0040	0.0069	0.0069	NA	0.0060	< 0.004	< 0.004	< 0.004
Barium	1	2.2	NA	NA	NA	0.0854	0.100	0.156	0.108	0.0786	0.0866	NA	0.0884	0.135	0.146	0.073
Beryllium	0.004	0.004	NA	NA	NA	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA	< 0.0020	< 0.001	< 0.001	< 0.001
Cadmium	0.005	0.006	NA	NA	NA	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA	< 0.0025	< 0.001	< 0.001	< 0.001
Calcium	NE	NE	NA	NA	NA	68.4	38.6	35.6	31.9	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	< 0.0050	< 0.001	< 0.001	0.003
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0064	0.0060	NA	0.0103	0.013	0.012	0.027
Iron	NE	10	NA	NA	NA	2.18	34.4	52.0	47.3	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	NA	< 0.0075	< 0.002	0.002	0.005
Magnesium	NE	NE	NA	NA	NA	13.7	18.0	18.3	15.3	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	0.306	1.18	1.47	1.56	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	< 0.00020	< 0.0002	< 0.0002	< 0.0002
Nickel	0.1	0.88	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0092	< 0.0050	NA	< 0.0050	0.002	0.001	0.003
Potassium	NE	NE</														

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AA19 MW-AA19-062918-1 6/29/2018 18G0022	MW-AA19 MW-AA19-092518-1 9/25/2018 18I1109	MW-AA19 MW-AA19-121318-1 12/13/2018 18L0663	MW-AE8 MW-AE8-021413-1 2/14/2013 SB64588	MW-AE8 MW-AE8-051513-1 5/15/2013 SB69668	MW-AE8 MW-AE8-08202013-1 8/20/2013 SB75423	MW-AE8 MW-AE8-11132013-1 11/13/2013 SB80244	MW-AE8 MW-AE8-04172014-1 4/17/2014 SB87951	MW-AE8 MW-AE8-090414-1 9/4/2014 SB95779	MW-AE8 MW-AE8-092514-1 9/25/2014 14090859	MW-AE8 MW-AE8-121714-1 12/17/2014 SC01370	MW-AE8 MW-AE8-071415-1 7/14/2015 GBJ46776	MW-AE8 MW-AE8-102715 10/27/2015 GBK15071	MW-AE8 MW-AE8-011216 1/12/2016 16010232
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0050	< 0.0050	< 0.0051	< 0.025	< 0.0278	< 0.025	< 0.025	< 0.025	NA	< 0.025	< 0.0278	< 0.025	NA	< 0.025
Dichlorobiphenyl	NE	NE	< 0.0010	< 0.0010	< 0.0010	< 0.005	< 0.00556	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.00556	< 0.005	NA	< 0.005
Heptachlorobiphenyl	NE	NE	< 0.0030	< 0.0030	< 0.0031	< 0.015	< 0.0167	< 0.015	< 0.015	< 0.015	NA	< 0.015	< 0.0167	< 0.015	NA	< 0.015
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.0020	< 0.01	< 0.0111	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.0111	< 0.01	NA	< 0.01
Monochlorobiphenyl	NE	NE	< 0.0010	0.0011	< 0.0010	< 0.005	< 0.00556	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.00556	< 0.005	NA	< 0.005
Nonachlorobiphenyl	NE	NE	< 0.0050	< 0.0050	< 0.0051	< 0.025	< 0.0278	< 0.025	< 0.025	< 0.025	NA	< 0.025	< 0.0278	< 0.025	NA	< 0.025
Octachlorobiphenyl	NE	NE	< 0.0030	< 0.0030	< 0.0031	< 0.015	< 0.0167	< 0.015	< 0.015	< 0.015	NA	< 0.015	< 0.0167	< 0.015	NA	< 0.015
Pentachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.0020	< 0.01	< 0.0111	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.0111	< 0.01	NA	< 0.01
Tetrachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.0020	< 0.01	< 0.0111	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.0111	< 0.01	NA	< 0.01
Trichlorobiphenyl	NE	NE	< 0.0010	< 0.0010	< 0.0010	< 0.005	< 0.00556	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.00556	< 0.005	NA	< 0.005
Total PCB Homologues	0.5	0.5	< 0.0050	0.0011	ND	< 0.025	< 0.0278	< 0.025	< 0.025	< 0.025	NA	< 0.025	< 0.0278	< 0.025	NA	< 0.025

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AE8 MW-AE8-041416 4/14/2016 16040313	MW-AE8 MW-AE8-082416 8/24/2016 GBN97446	MW-AE8 MW-AE8-122116-1 12/21/2016 16L1029	MW-AE8 MW-AE8-20170411-1 4/11/2017 17D0409	MW-AE8 MW-AE8-081617-1 8/16/2017 17H0897	MW-AE8 MW-AE8-111417-1 11/14/2017 17K0813	MW-AE8 MW-AE8-030818-1 3/8/2018 18C0412	MW-AE8 MW-AE8-062718-1 6/27/2018 18F1384	MW-AE8 MW-AE8-092618-1 9/26/2018 18I1195	MW-AE8 MW-AE8-121318-41 12/13/2018 18L0663	MW-AE8 MW-AE8-041719-1 4/17/2019 19D0928	MW-AE8 MW-AE8-071719-1 7/17/2019 19G0888	MW-AE8 MW-AE8-102319-1 10/23/2019 19J1628	MW-AE8 MW-AE8-011720-1 1/17/2020 20A0803
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.085	< 0.16	0.43	< 0.14	0.19
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.50	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 40	< 10	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.50	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 4.0	< 0.60	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.50	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 2.0	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 0.50	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 1.0	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 10	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 1.0	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 1.0	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.05	< 0.05	< 0.98	< 1.0	< 1.1	< 0.95	NA
Acenaphthene	420	150	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.05	< 0.05	< 0.29	< 0.31	< 0.32	< 0.28	NA
Acenaphthylene	420	0.3	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.05	< 0.05	< 0.20	< 0.21	< 0.22	< 0.19	NA
Anthracene	2000	1100000	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.05	< 0.05	< 0.20	< 0.21	< 0.22	< 0.19	NA
Benzo(a)anthracene	0.06	0.3	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.05	< 0.05	< 0.049	< 0.052	< 0.054	< 0.047	NA
Benzo(a)pyrene	0.2	0.3	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.05	< 0.05	< 0.098	< 0.10	< 0.11	< 0.095	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.05	< 0.05	< 0.049	< 0.052	< 0.054	< 0.047	NA
Benzo(g,h,i)perylene	0.48	150	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.05	< 0.05	< 0.49	< 0.52	< 0.54	< 0.47	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.05	< 0.05	< 0.20	< 0.21	< 0.22	< 0.19	NA
Chrysene	4.8	0.54	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.05	< 0.05	< 0.20	< 0.21	< 0.22	< 0.19	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.01	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.098	< 0.10	< 0.11	< 0.095	NA
Fluoranthene	280	3700	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.05	< 0.05	< 0.49	< 0.52	< 0.54	< 0.47	NA
Fluorene	280	140000	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.05	< 0.05	< 0.98	< 1.0	< 1.1	< 0.95	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.05	< 0.05	< 0.098	< 0.10	< 0.11	< 0.095	NA
Naphthalene	280	210	< 0.11	< 0.10	< 0.10	< 0.10	NA	< 0.09	< 0.10	< 0.10	< 0.09	< 0.98	< 1.0	< 1.1	< 0.95	NA
Phenanthrene	200	0.077	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.05	< 0.05	< 0.049	< 0.052	< 0.054	< 0.047	NA
Pyrene	200	110000	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.05	< 0.05	< 0.98	< 1.0	< 1.1	< 0.95	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	< 0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0050	< 0.0010	< 0.0010	0.0012	< 0.0010
Arsenic	0.05	0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.0020	0.00086	0.0026	0.0020	< 0.00080
Barium	1	2.2	0.144	0.189	0.062	0.174	0.192	0.137	0.045	0.140	0.105	0.11	0.068	0.14	0.12	0.05
Beryllium	0.004	0.004	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0020	< 0.00040	< 0.00040	< 0.00040	< 0.00040
Cadmium	0.005	0.006	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0025	< 0.00050	< 0.00020	< 0.00020	< 0.00020
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	< 0.001	< 0.001	< 0.001	0.002	0.001	< 0.001	< 0.001	0.001	< 0.001	< 0.0050	< 0.0010	0.0015	< 0.0010	< 0.0010
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	0.008	< 0.005	0.028	< 0.005	< 0.005	0.044	0.024	0.006	0.014	< 0.025	0.028	0.016	0.012	0.0031
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0050	< 0.0010	0.00055	0.00071	< 0.00050
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Nickel	0.1	0.88	0.003	0.003	0.002	0.002	0.003	0.003	0.001	0.003	0.003	< 0.025	< 0.0050	0.0055	< 0.0050	< 0.0050
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.025	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Silver	0.036	0.012	< 0.001	< 0.00												

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AE8 MW-AE8-041416 4/14/2016 16040313	MW-AE8 MW-AE8-082416 8/24/2016 GBN97446	MW-AE8 MW-AE8-122116-1 12/21/2016 16L1029	MW-AE8 MW-AE8-20170411-1 4/11/2017 17D0409	MW-AE8 MW-AE8-081617-1 8/16/2017 17H0897	MW-AE8 MW-AE8-111417-1 11/14/2017 17K0813	MW-AE8 MW-AE8-030818-1 3/8/2018 18C0412	MW-AE8 MW-AE8-062718-1 6/27/2018 18F1384	MW-AE8 MW-AE8-092618-1 9/26/2018 18I1195	MW-AE8 MW-AE8-121318-41 12/13/2018 18L0663	MW-AE8 MW-AE8-041719-1 4/17/2019 19D0928	MW-AE8 MW-AE8-071719-1 7/17/2019 19G0888	MW-AE8 MW-AE8-102319-1 10/23/2019 19J1628	MW-AE8 MW-AE8-011720-1 1/17/2020 20A0803
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0278	< 0.025	< 0.0050	< 0.0050	< 0.0054 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0052	< 0.0052	< 0.0056	< 0.0048	< 0.0051
Dichlorobiphenyl	NE	NE	< 0.00556	< 0.005	0.013	< 0.0010	< 0.0011 UJ	< 0.0010	< 0.00097	< 0.0010	0.0049	< 0.0010	0.0060	0.0018	< 0.00095	0.0027
Heptachlorobiphenyl	NE	NE	< 0.0167	< 0.015	< 0.0030	< 0.0030	< 0.0032 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0031	< 0.0031	< 0.0033	< 0.0029	< 0.0031
Hexachlorobiphenyl	NE	NE	< 0.0111	< 0.01	< 0.0020	< 0.0020	< 0.0022 UJ	< 0.0020	0.0030	< 0.0020	< 0.0020	< 0.0021	< 0.0021	0.0034	< 0.0019	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.00556	< 0.005	0.014	< 0.0010	< 0.0011 UJ	< 0.0010	< 0.00097	< 0.0010	0.0034	< 0.0010	0.0042	0.0018	< 0.00095	< 0.0010
Nonachlorobiphenyl	NE	NE	< 0.0278	< 0.025	< 0.0050	< 0.0050	< 0.0054 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0052	< 0.0052	< 0.0056	< 0.0048	< 0.0051
Octachlorobiphenyl	NE	NE	< 0.0167	< 0.015	< 0.0030	< 0.0030	< 0.0032 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0031	< 0.0031	< 0.0033	< 0.0029	< 0.0031
Pentachlorobiphenyl	NE	NE	< 0.0111	< 0.01	0.013	< 0.0020	< 0.0022 UJ	0.053	0.023	0.0083	0.0085	0.013	0.0031	0.011	0.019	0.0029
Tetrachlorobiphenyl	NE	NE	< 0.0111	< 0.01	0.041	< 0.0020	0.0081 J	0.11	0.048	0.025	0.048	0.035	0.028	0.032	0.056	0.014
Trichlorobiphenyl	NE	NE	< 0.00556	< 0.005	0.011	< 0.0010	0.0019 J	0.024	0.010	0.0039	0.013	0.0074	0.0087	0.0067	0.0099	0.0055
Total PCB Homologues	0.5	0.5	< 0.0278	< 0.025	0.091	< 0.0050	0.010 J	0.187	0.084	0.0372	0.077	0.055	0.050	0.056	0.085	0.0251

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AE8 MW-AE8-040820-1 4/8/2020 20D0340	MW-AE8 MW-AE8-070920-1 7/9/2020 20G0415	MW-AE8 MW-AE8-110220-1 11/2/2020 20K0034	MW-AG10 MW-AG10-021413-1 2/14/2013 SB64588	MW-AG10 MW-AG10-051513-1 5/15/2013 SB69668	MW-AG10 MW-AG10-08222013-1 8/22/2013 SB75529	MW-AG10 MW-AG10-11132013-1 11/13/2013 SB80244	MW-AG10 MW-AG10-04172014-1 4/17/2014 SB87931	MW-AG10 MW-AG10-092514-1 9/25/2014 14090859	MW-AG10 MW-AG10-121714-1 12/17/2014 14120417	MW-AG10 MW-AG10-121714-2 12/17/2014 14120417	MW-AG10 MW-AG10-071515-1 7/15/2015 15070383	MW-AG10 MW-AG10-071515-2 7/15/2015 15070383	MW-AG10 DUP-1-011216 1/12/2016 16010209
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	< 0.14	< 0.15	0.39	< 0.2	< 0.2	< 0.2	< 0.2	0.3	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	0.3	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	0.3	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	0.087	< 0.050	0.083	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	0.215	< 0.050	0.062	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	0.234	< 0.050	0.054	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	0.085	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	0.061	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	0.063	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	0.160	< 0.050	0.072	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	0.520	< 0.050	0.070	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	0.179	< 0.050	0.059	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0010	< 0.0010	0.0011	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	0.00099	0.0011	0.00086	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	NA	NA	NA	NA	NA	NA
Barium	1	2.2	0.07	0.083	0.079	0.279	0.0752	0.437	0.766	0.0500	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	< 0.00040	< 0.00040	< 0.00040	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	< 0.00020	< 0.00020	< 0.00020	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	52.1	34.2	130	113	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	0.0015	0.0024	0.0016	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	0.024	0.0023	0.021	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	17.9	6.72	49.7	59.6	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	0.0028	< 0.00050	< 0.00050	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	13.6	4.36	27.0	35.7	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	1.40	0.463	2.64	3.48	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.00010	< 0.00010	< 0.00010	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	< 0.0050	< 0.0050	0.0063	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	2.71	2.46	7.15	4.80	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.0050	< 0.0050	< 0.0050	< 0.0150	< 0.0150	< 0.0150	< 0.0150	< 0.0150	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	< 0.00020	< 0.00020	< 0.00020	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	31.0	20.9	51.0	76.0	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	< 0.00020	< 0.00020	< 0.00020	< 0.0050	< 0.0050	0.0056	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	< 0.01	< 0.01	< 0.01											

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AE8 MW-AE8-040820-1 4/8/2020 20D0340	MW-AE8 MW-AE8-070920-1 7/9/2020 20G0415	MW-AE8 MW-AE8-110220-1 11/2/2020 20K0034	MW-AG10 MW-AG10-021413-1 2/14/2013 SB64588	MW-AG10 MW-AG10-051513-1 5/15/2013 SB69668	MW-AG10 MW-AG10-08222013-1 8/22/2013 SB75529	MW-AG10 MW-AG10-11132013-1 11/13/2013 SB80244	MW-AG10 MW-AG10-04172014-1 4/17/2014 SB87931	MW-AG10 MW-AG10-092514-1 9/25/2014 14090859	MW-AG10 MW-AG10-121714-1 12/17/2014 14120417	MW-AG10 MW-AG10-121714-2 12/17/2014 14120417	MW-AG10 MW-AG10-071515-1 7/15/2015 15070383	MW-AG10 MW-AG10-071515-2 7/15/2015 15070383	MW-AG10 DUP-1-011216 1/12/2016 16010209
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0050	< 0.0048	< 0.0050	< 0.025	< 0.0263	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Dichlorobiphenyl	NE	NE	0.0016	0.00098	0.0029	< 0.005	< 0.00526	0.0103	< 0.005	< 0.005	< 0.005	0.0127	0.0146	0.0165	0.0150	< 0.005
Heptachlorobiphenyl	NE	NE	< 0.0030	< 0.0029	< 0.0030	< 0.015	< 0.0158	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0019	< 0.0020	< 0.01	< 0.0105	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Monochlorobiphenyl	NE	NE	0.0010	0.0010	< 0.0010	< 0.005	< 0.00526	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nonachlorobiphenyl	NE	NE	< 0.0050	< 0.0048	< 0.0050	< 0.025	< 0.0263	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Octachlorobiphenyl	NE	NE	< 0.0030	< 0.0029	< 0.0030	< 0.015	< 0.0158	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Pentachlorobiphenyl	NE	NE	0.0027	< 0.0019	0.015	< 0.01	< 0.0105	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachlorobiphenyl	NE	NE	0.021	0.011	0.049	< 0.01	< 0.0105	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorobiphenyl	NE	NE	0.0062	0.0049	0.012	< 0.005	< 0.00526	0.00983	< 0.005	0.0172	0.0180	0.0219	0.0227	0.0224	0.0214	< 0.005
Total PCB Homologues	0.5	0.5	0.0325	0.01788	0.079	< 0.025	< 0.0263	0.0202	< 0.025	0.0172	0.0180	0.0346	0.0373	0.0389	0.0364	< 0.025

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AG10 MW-AG10-011216 1/12/2016 16010209	MW-AG10 MW-AG10-041516 4/15/2016 16040347	MW-AG10 MW-AG10-041516-02 4/15/2016 16040347	MW-AG10 MW-AG10-082516 8/25/2016 16080629	MW-AG10 MW-AG10-082516DU 8/25/2016 16080629	MW-AG10 MW-AG10-20170411 4/11/2017 17D0409	MW-AG10 MW-AG10-20170411 4/11/2017 17D0409	MW-AG10 MW-AG10-081617-1 8/16/2017 17H0897	MW-AG10 MW-AG10-111417-1 11/14/2017 17K0813	MW-AG10 MW-AG10-030818-1 3/8/2018 18C0412	MW-AG10 MW-AG10-062718-1 6/27/2018 18F1383	MW-AG10 MW-AG10-092718-1 9/27/2018 18I1258	MW-AG10 MW-AG10-121118-1 12/11/2018 18L0484	MW-AG10 MW-AG10-041819-1 4/18/2019 19D0971
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AG10 MW-AG10-011216 1/12/2016 16010209	MW-AG10 MW-AG10-041516 4/15/2016 16040347	MW-AG10 MW-AG10-041516-02 4/15/2016 16040347	MW-AG10 MW-AG10-082516 8/25/2016 16080629	MW-AG10 MW-AG10-082516DU 8/25/2016 16080629	MW-AG10 MW-AG10-20170411- 4/11/2017 17D0409	MW-AG10 MW-AG10-20170411- 4/11/2017 17D0409	MW-AG10 MW-AG10-081617-1 8/16/2017 17H0897	MW-AG10 MW-AG10-111417-1 11/14/2017 17K0813	MW-AG10 MW-AG10-030818-1 3/8/2018 18C0412	MW-AG10 MW-AG10-062718-1 6/27/2018 18F1383	MW-AG10 MW-AG10-092718-1 9/27/2018 18I1258	MW-AG10 MW-AG10-121118-1 12/11/2018 18L0484	MW-AG10 MW-AG10-041819-1 4/18/2019 19D0971
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.025	< 0.0272	< 0.0278	< 0.0255	< 0.0255	< 0.0052	< 0.0051	< 0.0052 UJ	< 0.0050	< 0.0049	< 0.0049	< 0.0050	< 0.0049	< 0.0049
Dichlorobiphenyl	NE	NE	< 0.005	0.0125	0.0146	0.0605	0.0444	0.031	0.021	0.046 J	0.10	0.037	0.048	0.25	0.14	0.085
Heptachlorobiphenyl	NE	NE	< 0.015	< 0.0163	< 0.0167	< 0.0153	< 0.0153	< 0.0031	< 0.0031	< 0.0031 UJ	< 0.0030	< 0.0029	< 0.0029	< 0.0030	< 0.0029	< 0.0029
Hexachlorobiphenyl	NE	NE	< 0.01	< 0.0109	< 0.0111	< 0.0102	< 0.0102	< 0.0021	< 0.0020	< 0.0021 UJ	< 0.0020	< 0.0019	< 0.0020	< 0.0020	< 0.0020	< 0.0019
Monochlorobiphenyl	NE	NE	< 0.005	< 0.00544	< 0.00556	< 0.0051	< 0.0051	< 0.0010	< 0.0010	0.0077 J	0.010	0.0018	0.0061	0.024	0.018	0.0098
Nonachlorobiphenyl	NE	NE	< 0.025	< 0.0272	< 0.0278	< 0.0255	< 0.0255	< 0.0052	< 0.0051	< 0.0052 UJ	< 0.0050	< 0.0049	< 0.0049	< 0.0050	< 0.0049	< 0.0049
Octachlorobiphenyl	NE	NE	< 0.015	< 0.0163	< 0.0167	< 0.0153	< 0.0153	< 0.0031	< 0.0031	< 0.0031 UJ	< 0.0030	< 0.0029	< 0.0029	< 0.0030	< 0.0029	< 0.0029
Pentachlorobiphenyl	NE	NE	< 0.01	< 0.0109	< 0.0111	< 0.0102	< 0.0102	< 0.0021	< 0.0020	< 0.0021 UJ	0.010	0.011	0.0040	0.016	0.0023	< 0.0019
Tetrachlorobiphenyl	NE	NE	< 0.01	< 0.0109	< 0.0111	< 0.0102	< 0.0102	0.033	0.025	0.023 J	0.072	0.056	0.027	0.11	0.035	0.026
Trichlorobiphenyl	NE	NE	< 0.005	< 0.00544	0.0116	< 0.0051	< 0.0051	0.039	0.027	0.032 J	0.071	0.045	0.030	0.12	0.051	0.036
Total PCB Homologues	0.5	0.5	< 0.025	0.0125	0.0262	0.0605	0.0444	0.103	0.073	0.11 J	0.263	0.1508	0.1151	0.52	0.25	0.16

Notes:
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 SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 <0.01 = Not detected above the specified laboratory reporting limit
 NE = Criterion has not been established
 NA = Not analyzed for specific constituent
 ug/L = microgram per liter
 mg/L = milligram per Liter
 (1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
 (2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AG10 MW-AG10-071819-1 7/18/2019 19G1121	MW-AG10 MW-AG10-102419-1 10/24/2019 19J1561	MW-AG10 MW-AG10-011720-1 1/17/2020 20A0803	MW-AG10 MW-AG10-040820-1 4/8/2020 20D0340	MW-AG10 MW-AG10-070920-1 7/9/2020 20G0415	MW-AG10 MW-AG10-110220-1 11/2/2020 20K0034	MW-AG30 MW-AG30-021513-1 2/15/2013 SB64640	MW-AG30 MW-AG30-051613-1 5/16/2013 SB69757	MW-AG30 MW-AG30-08212013-1 8/21/2013 SB75423	MW-AG30 MW-AG30-11142013-1 11/14/2013 SB80319	MW-AG30 MW-AG30-04162014-1 4/16/2014 SB87931	MW-AG30 MW-AG30-090314-1 9/3/2014 SB95674	MW-AG30 MW-AG30-092314-1 9/23/2014 14090840	MW-AG30 MW-AG30-121614-1 12/16/2014 SC01285
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	< 1.00	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	< 10.0	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	< 1.00	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	< 2.00	< 2.00	< 2.00	NA	< 2.00	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	< 1.00	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	< 1.00	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	< 1.00	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	< 1.00	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	< 2.00	< 2.00	< 2.00	NA	< 2.00	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	< 1.00	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	< 1.00	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.090	< 0.050	< 0.050	< 0.050	NA	< 0.050
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	NA	< 0.0060	< 0.0060	< 0.0060	NA	< 0.0060	< 0.0060	NA	< 0.0060
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	NA	< 0.0040	< 0.0040	< 0.0040	NA	< 0.0040	< 0.0040	NA	< 0.0040
Barium	1	2.2	NA	NA	NA	NA	NA	NA	0.0796	0.168	0.221	NA	0.444	0.376	NA	1.13
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	NA	< 0.0020	< 0.0020	< 0.0020	NA	< 0.0020	< 0.0020	NA	< 0.0020
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	NA	< 0.0025	< 0.0025	< 0.0025	NA	< 0.0025	0.0029	NA	0.0027
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	35.0	133	137	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	NA	< 0.0050	< 0.0050	NA	< 0.0050
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	NA	< 0.0050	< 0.0050	NA	< 0.0050
Iron	NE	10	NA	NA	NA	NA	NA	NA	0.0278	0.195	0.560	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	NA	< 0.0075	< 0.0075	< 0.0075	NA	< 0.0075	< 0.0075	NA	< 0.0075
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	7.50	24.7	26.1	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	0.588	0.452	0.537	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	NA	< 0.00020	< 0.00020	< 0.00020	NA	< 0.00020	< 0.00020	NA	< 0.00020
Nickel	0.1	0.88	NA	NA	NA	NA	NA	NA	< 0.0050	0.0068	0.0100	NA	< 0.0050	0.0068	NA	< 0.0050
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	9.74	17.3	22.7	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	NA	< 0.0150	< 0.0150	< 0.0150	NA	< 0.0150	< 0.0150	NA	< 0.0150
Silver	0.036	0.012	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	NA	< 0.0050	< 0.0050	NA	< 0.0050
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	887	1430	1530	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA												

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AG10 MW-AG10-071819-1 7/18/2019 19G1121	MW-AG10 MW-AG10-102419-1 10/24/2019 19J1561	MW-AG10 MW-AG10-011720-1 1/17/2020 20A0803	MW-AG10 MW-AG10-040820-1 4/8/2020 20D0340	MW-AG10 MW-AG10-070920-1 7/9/2020 20G0415	MW-AG10 MW-AG10-110220-1 11/2/2020 20K0034	MW-AG30 MW-AG30-021513-1 2/15/2013 SB64640	MW-AG30 MW-AG30-051613-1 5/16/2013 SB69757	MW-AG30 MW-AG30-08212013-1 8/21/2013 SB75423	MW-AG30 MW-AG30-11142013-1 11/14/2013 SB80319	MW-AG30 MW-AG30-04162014-1 4/16/2014 SB87931	MW-AG30 MW-AG30-090314-1 9/3/2014 SB95674	MW-AG30 MW-AG30-092314-1 9/23/2014 14090840	MW-AG30 MW-AG30-121614-1 12/16/2014 SC01285
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0053	< 0.0049	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	NA	< 0.025	< 0.025
Dichlorobiphenyl	NE	NE	0.13	0.11	0.085	0.068	0.094	0.18	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005
Heptachlorobiphenyl	NE	NE	< 0.0032	< 0.0029	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	NA	< 0.015	< 0.015
Hexachlorobiphenyl	NE	NE	< 0.0021	< 0.0020	< 0.0020	< 0.0019	< 0.0020	< 0.0020	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
Monochlorobiphenyl	NE	NE	0.017	0.013	0.016	0.013	0.016	0.027	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005
Nonachlorobiphenyl	NE	NE	< 0.0053	< 0.0049	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	NA	< 0.025	< 0.025
Octachlorobiphenyl	NE	NE	< 0.0032	< 0.0029	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	NA	< 0.015	< 0.015
Pentachlorobiphenyl	NE	NE	< 0.0021	< 0.0020	< 0.0020	< 0.0019	< 0.0020	< 0.0020	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
Tetrachlorobiphenyl	NE	NE	0.014	0.026	0.013	0.014	0.025	0.029	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
Trichlorobiphenyl	NE	NE	0.034	0.036	0.024	0.022	0.032	0.041	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005
Total PCB Homologues	0.5	0.5	0.19	0.19	0.138	0.117	0.167	0.28	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	NA	< 0.025	< 0.025

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AG30 MW-AG30-071315-1 7/13/2015 GBJ46776	MW-AG30 MW-AG30-102915 10/29/2015 GBK15889	MW-AG30 MW-AG30-011316 1/13/2016 16010233	MW-AG30 MW-AG30-041316 4/13/2016 16040311	MW-AG30 MW-AG30-082416 8/24/2016 16080629	MW-AG30 MW-AG30-122216-1 12/22/2016 16L1122	MW-AG30 MW-AG30-20170412 4/12/2017 17D0505	MW-AG30 MW-AG30-081717-1 8/17/2017 17H1062	MW-AG30 MW-AG30-111617-1 11/16/2017 17K1027	MW-AG30 MW-AG30-030918-1 3/9/2018 18C0412	MW-AG30 MW-AG30-062718-1 6/27/2018 18F1384	MW-AG30 MW-AG30-092718-1 9/27/2018 18I1258	MW-AG30 MW-AG30-121218-1 12/12/2018 18L0583	MW-AG30 MW-AG30-041719-1 4/17/2019 19D0928
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	< 0.070	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	< 50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	< 0.02	< 0.05	< 0.05	< 0.05	0.08	< 0.05	< 0.05	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	< 0.02	< 0.05	< 0.05	< 0.05	0.08	< 0.05	< 0.05	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.02	< 0.05	< 0.05	< 0.05	0.08	< 0.05	< 0.05	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	< 0.10	< 0.05	< 0.05	< 0.05	0.06	< 0.05	< 0.05	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.02	< 0.05	< 0.05	< 0.05	0.07	< 0.05	< 0.05	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	< 0.02	< 0.05	< 0.05	< 0.05	0.07	< 0.05	< 0.05	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.01	< 0.01	< 0.01	< 0.01	0.03	< 0.01	< 0.01	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	< 0.10	< 0.05	0.06	< 0.05	0.15	< 0.05	< 0.05	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.02	< 0.05	< 0.05	< 0.05	0.06	< 0.05	< 0.05	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	< 0.07	< 0.05	< 0.05	< 0.05	0.08	< 0.05	< 0.05	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	< 0.10	< 0.05	< 0.05	< 0.05	0.13	< 0.05	< 0.05	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	0.007	0.005	< 0.004	0.005	< 0.004	< 0.004	< 0.004	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	0.336	0.301	0.293	0.201	0.253	0.687	0.523	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.002	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	0.003	0.004	0.002	0.003	0.002	0.001	0.002	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	< 0.001	0.005	< 0.001	< 0.001	0.003	0.001	0.033	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	< 0.005	0.016	< 0.005	< 0.005	< 0.005	0.005	0.029	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	0.005	< 0.002	0.003	0.006	< 0.002	< 0.002	0.013	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	0.004	0.019	0.003	0.004	0.007	0.005	0.019	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	< 0.001	< 0.005	0.003	< 0.001	< 0.001	< 0.001	< 0.001	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	NA	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	< 0.002	0.006	0.003	< 0.002	< 0.002	0.003	0.042	NA	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	0.002	0.032	0.005	0.004	0.007	0.007	0.079	NA	NA	NA	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AG30 MW-AG30-071315-1 7/13/2015 GBJ46776	MW-AG30 MW-AG30-102915 10/29/2015 GBK15889	MW-AG30 MW-AG30-011316 1/13/2016 16010233	MW-AG30 MW-AG30-041316 4/13/2016 16040311	MW-AG30 MW-AG30-082416 8/24/2016 16080629	MW-AG30 MW-AG30-122216-1 12/22/2016 16L1122	MW-AG30 MW-AG30-20170412- 4/12/2017 17D0505	MW-AG30 MW-AG30-081717-1 8/17/2017 17H1062	MW-AG30 MW-AG30-111617-1 11/16/2017 17K1027	MW-AG30 MW-AG30-030918-1 3/9/2018 18C0412	MW-AG30 MW-AG30-062718-1 6/27/2018 18F1384	MW-AG30 MW-AG30-092718-1 9/27/2018 18I1258	MW-AG30 MW-AG30-121218-1 12/12/2018 18L0583	MW-AG30 MW-AG30-041719-1 4/17/2019 19D0928
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.025	NA	< 0.025	< 0.0278	< 0.0258	< 0.0050	< 0.0051	< 0.0051 UJ	< 0.0048	< 0.0052	< 0.0050	< 0.0062	< 0.0050	< 0.0051
Dichlorobiphenyl	NE	NE	< 0.005	NA	< 0.005	< 0.00556	< 0.00516	0.0014	< 0.0010	< 0.0010 UJ	< 0.00096	< 0.0010	< 0.0010	< 0.0012	< 0.0010	0.0018
Heptachlorobiphenyl	NE	NE	< 0.015	NA	< 0.015	< 0.0167	< 0.0155	< 0.0030	< 0.0031	< 0.0031 UJ	< 0.0029	< 0.0031	< 0.0030	< 0.0037	< 0.0030	< 0.0031
Hexachlorobiphenyl	NE	NE	< 0.01	NA	< 0.01	< 0.0111	< 0.0103	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0021	< 0.0020	0.0044	< 0.0020	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.005	NA	< 0.005	< 0.00556	< 0.00516	0.0014	< 0.0010	< 0.0010 UJ	< 0.00096	< 0.0010	< 0.0010	< 0.0012	0.0015	< 0.0010
Nonachlorobiphenyl	NE	NE	< 0.025	NA	< 0.025	< 0.0278	< 0.0258	< 0.0050	< 0.0051	< 0.0051 UJ	< 0.0048	< 0.0052	< 0.0050	< 0.0062	< 0.0050	< 0.0051
Octachlorobiphenyl	NE	NE	< 0.015	NA	< 0.015	< 0.0167	< 0.0155	< 0.0030	< 0.0031	< 0.0031 UJ	< 0.0029	< 0.0031	< 0.0030	< 0.0037	< 0.0030	< 0.0031
Pentachlorobiphenyl	NE	NE	< 0.01	NA	< 0.01	< 0.0111	< 0.0103	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0021	< 0.0020	0.0065	< 0.0020	< 0.0020
Tetrachlorobiphenyl	NE	NE	< 0.01	NA	< 0.01	< 0.0111	< 0.0103	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0021	< 0.0020	0.0039	< 0.0020	< 0.0020
Trichlorobiphenyl	NE	NE	< 0.005	NA	< 0.005	< 0.00556	< 0.00516	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.00096	< 0.0010	< 0.0010	< 0.0012	< 0.0010	< 0.0010
Total PCB Homologues	0.5	0.5	< 0.025	NA	< 0.025	< 0.0278	< 0.0258	0.0028	< 0.0051	< 0.0051 UJ	< 0.0048	< 0.0052	< 0.0050	0.015	0.0015	0.0018

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AG30 MW-AG30-071819-1 7/18/2019 19G0975	MW-AG30 MW-AG30-102419-1 10/24/2019 19J1561	MW-AG30 MW-AG30-012020-1 1/20/2020 20A0885	MW-AG30 MW-A630-040620-1 4/6/2020 20D0235	MW-AG30 MW-AG30-071020 7/10/2020 20G0456	MW-AG30 MW-AG30-110620-1 11/6/2020 20K0339	MW-AH16D MW-AH160-092718- 9/27/2018 18I1258	MW-AH16D MW-AH16D-121218- 12/12/2018 18L0583	MW-AH16D MW-AH16D-041619- 4/16/2019 19D0862	MW-AH16D MW-AH16D-071619- 7/16/2019 19G0869	MW-AH16D MW-AH16D-102419- 10/24/2019 19J1561	MW-AH16D MW-AH16D-011720- 1/17/2020 20A0803	MW-AH16D MW-AH16D-040620- 4/6/2020 20D0235	MW-AH16D MW-AH16D-071320- 7/13/2020 20G0538
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.19	0.16	< 0.15
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 0.99
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.31	< 0.30	< 0.30
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.20	< 0.20
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.20	< 0.20
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.051	< 0.050	< 0.049
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.099
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.051	< 0.050	< 0.049
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.51	< 0.50	< 0.49
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.20	< 0.20
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.21	< 0.20	< 0.20
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.099
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.51	< 0.50	< 0.49
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 0.99
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.099
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 0.99
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.051	< 0.050	< 0.049
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 0.99
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0010	< 0.0010	< 0.0010
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00096	0.0063	0.0031
Barium	1	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.034	0.075	0.039
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00040	< 0.00040	< 0.00040
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00020	< 0.00020	< 0.00020
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0010	< 0.0010	0.0011
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0060	0.0037	< 0.0010
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00050	< 0.00050	< 0.00050
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00010	< 0.00010	< 0.00010
Nickel	0.1	0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	0.0060	< 0.0050
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050
Silver	0.036	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00020	< 0.00020	< 0.00020
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00020	< 0.00020	< 0.00020
Vanadium	0.05	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050
Zinc	5	0.123	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.053	0.074	< 0.01

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AG30 MW-AG30-071819-1 7/18/2019 19G0975	MW-AG30 MW-AG30-102419-1 10/24/2019 19J1561	MW-AG30 MW-AG30-012020-1 1/20/2020 20A0885	MW-AG30 MW-A630-040620-1 4/6/2020 20D0235	MW-AG30 MW-AG30-071020 7/10/2020 20G0456	MW-AG30 MW-AG30-110620-1 11/6/2020 20K0339	MW-AH16D MW-AH160-092718-1 9/27/2018 18I1258	MW-AH16D MW-AH16D-121218-1 12/12/2018 18L0583	MW-AH16D MW-AH16D-041619-1 4/16/2019 19D0862	MW-AH16D MW-AH16D-071619-1 7/16/2019 19G0869	MW-AH16D MW-AH16D-102419-1 10/24/2019 19J1561	MW-AH16D MW-AH16D-011720-1 1/17/2020 20A0803	MW-AH16D MW-AH16D-040620-1 4/6/2020 20D0235	MW-AH16D MW-AH16D-071320-1 7/13/2020 20G0538
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0051	< 0.0052	< 0.0049	< 0.0050	< 0.0050	< 0.0053	< 0.0050	< 0.0050	< 0.0049	< 0.0051	< 0.0047	< 0.0051	< 0.0050	< 0.0049
Dichlorobiphenyl	NE	NE	< 0.0010	< 0.0010	< 0.00097	< 0.0010	< 0.0010	< 0.0011	0.10	0.012	0.0060	0.0054	0.019	0.0041	0.0018	0.0029
Heptachlorobiphenyl	NE	NE	< 0.0031	< 0.0031	< 0.0029	< 0.0030	< 0.0030	< 0.0032	< 0.0030	< 0.0030	< 0.0029	< 0.0031	< 0.0028	< 0.0031	< 0.0030	< 0.0029
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0021	< 0.0019	< 0.0020	< 0.0020	< 0.0021	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0019	< 0.0020	< 0.0020	< 0.0019
Monochlorobiphenyl	NE	NE	< 0.0010	< 0.0010	< 0.00097	< 0.0010	< 0.0010	< 0.0011	0.031	0.0052	0.0035	0.0031	0.0056	0.0062	0.0014	0.0028
Nonachlorobiphenyl	NE	NE	< 0.0051	< 0.0052	< 0.0049	< 0.0050	< 0.0050	< 0.0053	< 0.0050	< 0.0050	< 0.0049	< 0.0051	< 0.0047	< 0.0051	< 0.0050	< 0.0049
Octachlorobiphenyl	NE	NE	< 0.0031	< 0.0031	< 0.0029	< 0.0030	< 0.0030	< 0.0032	< 0.0030	< 0.0030	< 0.0029	< 0.0031	< 0.0028	< 0.0031	< 0.0030	< 0.0029
Pentachlorobiphenyl	NE	NE	< 0.0020	< 0.0021	< 0.0019	< 0.0020	< 0.0020	< 0.0021	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0019	< 0.0020	< 0.0020	< 0.0019
Tetrachlorobiphenyl	NE	NE	< 0.0020	< 0.0021	< 0.0019	< 0.0020	< 0.0020	< 0.0021	0.024	0.0054	< 0.0020	< 0.0020	0.0077	< 0.0020	< 0.0020	< 0.0019
Trichlorobiphenyl	NE	NE	< 0.0010	< 0.0010	< 0.0019	< 0.0020	< 0.0020	< 0.0021	0.057	0.0077	0.0029	0.0020	0.013	< 0.0020	< 0.0020	< 0.0019
Total PCB Homologues	0.5	0.5	ND	ND	< 0.0049	< 0.0050	< 0.0050	ND	0.22	0.030	0.012	0.010	0.045	0.0103	0.0032	0.0057

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AH16D MW-AH16D-071320-20G0538	MW-AH16D MW-AH16D-110220-20K0034	MW-AH16D MW-AH16D-110220-20K0034	MW-AH16 MW-AH16-021413-1 SB64588	MW-AH16 MW-AH16-051613-1 SB69757	MW-AH16 MW-AH16-08212013- SB75423	MW-AH16 MW-AH16-11142013- SB80319	MW-AH16 MW-AH16-04172014- SB87951	MW-AH16 MW-AH16-090214-1 SB95674	MW-AH16 MW-AH16-092514-1 14090859	MW-AH16 MW-AH16-121814-1 SC01493	MW-AH16R MW-AH16R-102815 GBK15071	MW-AH16R MW-AH16R-011216 GBK52448	MW-AH16R MW-AH16R-011316 16010232
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	< 0.16	0.29	0.26	0.5	< 0.2	0.2	0.3	0.3	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	0.5	< 0.2	0.2	0.3	0.3	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	< 0.2	< 0.2	0.2	0.3	< 0.2	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	237	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	< 1.00	< 1.00	2.62	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	< 0.96	< 0.98	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	6.7	0.93	NA
Acenaphthene	420	150	< 0.29	< 0.29	< 0.29	NA	NA	NA	NA	NA	NA	NA	NA	0.70	0.43	NA
Acenaphthylene	420	0.3	< 0.19	< 0.20	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA
Anthracene	2000	1100000	< 0.19	< 0.20	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	0.19	0.19	NA
Benzo(a)anthracene	0.06	0.3	< 0.048	< 0.049	< 0.049	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA
Benzo(a)pyrene	0.2	0.3	< 0.096	< 0.098	< 0.097	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.048	< 0.049	< 0.049	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA
Benzo(g,h,i)perylene	0.48	150	< 0.48	< 0.49	< 0.49	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.19	< 0.20	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA
Chrysene	4.8	0.54	< 0.19	< 0.20	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.096	< 0.098	< 0.097	NA	NA	NA	NA	NA	NA	NA	NA	< 0.01	< 0.01	NA
Fluoranthene	280	3700	< 0.48	< 0.49	< 0.49	NA	NA	NA	NA	NA	NA	NA	NA	0.24	< 0.05	NA
Fluorene	280	140000	< 0.96	< 0.98	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	0.39	0.28	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.096	< 0.098	< 0.097	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA
Naphthalene	280	210	< 0.96	< 0.98	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	17	4.9	NA
Phenanthrene	200	0.077	< 0.048	< 0.049	< 0.049	NA	NA	NA	NA	NA	NA	NA	NA	0.51	0.30	NA
Pyrene	200	110000	< 0.96	< 0.98	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	0.19	< 0.05	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	0.129	< 0.050	0.069	< 0.050	0.187	< 0.050	NA	< 0.050	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	0.216	< 0.050	NA	< 0.050	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	1.35	1.62	1.64	0.661	0.439	0.194	NA	NA	0.299	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	0.148	0.096	0.074	0.055	0.052	0.055	NA	< 0.050	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	0.072	NA	< 0.050	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	0.063	NA	< 0.050	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	0.050	NA	< 0.050	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	0.067	NA	< 0.050	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	0.258	0.258	0.223	0.140	0.106	0.188	NA	< 0.050	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	0.852	0.906	1.01	0.392	0.222	0.115	NA	0.096	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	< 0.050	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	< 0.050	< 0.050	< 0.090	< 0.050	0.211	< 0.050	NA	< 0.100	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	0.064	< 0.050	< 0.050	0.070	0.054	0.079	NA	< 0.050	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	0.169	0.176	0.155	0.105	0.098	0.167	NA	< 0.050	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0010	< 0.0010	< 0.0010	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0300	NA	< 0.0060	< 0.005	< 0.005	NA
Arsenic	0.05	0.004	0.0030	0.0035	0.0033	< 0.0040	< 0.0040	< 0.0040	0.0070	0.0178	0.0110	NA	0.0057	0.007	0.006	NA
Barium	1	2.2	0.039	0.042	0.039	0.397	0.449	0.633	0.613	1.27	0.828	NA	0.842	0.853	0.829	NA
Beryllium	0.004	0.004	< 0.00040	< 0.00040	< 0.00040	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0037	< 0.0020	NA	< 0.0020	< 0.001	< 0.001	NA
Cadmium	0.005	0.006	< 0.00020	< 0.00020	< 0.00020	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA	< 0.0025	0.001	0.001	NA
Calcium	NE	NE	NA	NA	NA	128	136	142	94.0	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	0.0011	0.0019	0.0010	< 0.0050	< 0.0050	< 0.0050	0.0512	0.0733	0.0095	NA	< 0.0050	0.006	0.001	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	< 0.0010	0.0065	0.0050	< 0.0050	< 0.0050	< 0.0050	0.0454	0.0690	0.0068	NA	< 0.0050	0.010	< 0.005	NA
Iron	NE	10	NA	NA	NA	11.5	15.8	66.0	35.7	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	< 0.00050	< 0.00050	< 0.00050	< 0.0075	< 0.0075	< 0.0075	0.0202	0.0756	0.0112	NA	< 0.0075	0.021	0.005	NA
Magnesium	NE	NE	NA	NA	NA	52.2	49.6	62.0	39.4	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	0.756	0.857	1.71	1.89	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.004	< 0.00010	< 0.00010	< 0.00010	< 0.00020	< 0.00020	< 0.00020	< 0.00030	< 0.00020	< 0.00020	NA	< 0.00020	< 0.0002	< 0.0002	NA
Nickel	0.1	0.88	< 0.0050	0.0078	0.0067	< 0.0050	< 0.0050	< 0.0050	0.0332	0.0446	0.0074	NA	< 0.0050	0.013	0.003	NA
Potassium	NE	NE	NA	NA	NA	25.3	29.0	31.2	22.5	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.0050	< 0.0050	< 0.0050	< 0.0150	< 0.0150	< 0.0150	< 0.0150	< 0.0150	< 0.0150	NA	< 0.0150	< 0.010	< 0.010	NA
Silver	0.036	0.012	< 0.00020	< 0.00020	< 0.00020	< 0.0050	< 0.0050									

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AH16D MW-AH16D-071320-2 7/13/2020 20G0538	MW-AH16D MW-AH16D-110220-1 11/2/2020 20K0034	MW-AH16D MW-AH16D-110220-2 11/2/2020 20K0034	MW-AH16 MW-AH16-021413-1 2/14/2013 SB64588	MW-AH16 MW-AH16-051613-1 5/16/2013 SB69757	MW-AH16 MW-AH16-08212013-1 8/21/2013 SB75423	MW-AH16 MW-AH16-11142013-1 11/14/2013 SB80319	MW-AH16 MW-AH16-04172014-1 4/17/2014 SB87951	MW-AH16 MW-AH16-090214-1 9/2/2014 SB95674	MW-AH16 MW-AH16-092514-1 9/25/2014 14090859	MW-AH16 MW-AH16-121814-1 12/18/2014 SC01493	MW-AH16R MW-AH16R-102815 10/28/2015 GBK15071	MW-AH16R MW-AH16R-011216 1/12/2016 GBK52448	MW-AH16R MW-AH16R-011316 1/13/2016 16010232
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0050	< 0.0048	< 0.0049	< 0.25	< 0.5	< 0.25	< 0.5	< 0.25	NA	< 0.25	< 0.025	NA	NA	< 0.0253
Dichlorobiphenyl	NE	NE	0.0033	0.0070	0.0049	41.3	50.0	48.8	47.4	33.1	NA	46.7	0.0181	NA	NA	4.18
Heptachlorobiphenyl	NE	NE	< 0.0030	< 0.0029	< 0.0029	< 0.15	< 0.3	< 0.15	< 0.3	< 0.15	NA	< 0.15	< 0.015	NA	NA	< 0.0152
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0019	< 0.0019	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	NA	< 0.1	< 0.01	NA	NA	< 0.0101
Monochlorobiphenyl	NE	NE	0.0028	0.0055	0.0042	33.9	45.8	47.0	47.8	34.5	NA	33.4	< 0.005	NA	NA	4.49
Nonachlorobiphenyl	NE	NE	< 0.0050	< 0.0048	< 0.0049	< 0.25	< 0.5	< 0.25	< 0.5	< 0.25	NA	< 0.25	< 0.025	NA	NA	< 0.0253
Octachlorobiphenyl	NE	NE	< 0.0030	< 0.0029	< 0.0029	< 0.15	< 0.3	< 0.15	< 0.3	< 0.15	NA	< 0.15	< 0.015	NA	NA	< 0.0152
Pentachlorobiphenyl	NE	NE	< 0.0020	< 0.0019	< 0.0019	< 0.1	< 0.2	< 0.1	< 0.2	< 0.1	NA	< 0.1	< 0.01	NA	NA	< 0.0101
Tetrachlorobiphenyl	NE	NE	< 0.0020	0.0024	< 0.0019	< 0.1	< 0.2	< 0.1	< 0.2	0.990	NA	1.67	< 0.01	NA	NA	0.158
Trichlorobiphenyl	NE	NE	< 0.0020	0.0027	< 0.0019	8.57	9.58	8.74	6.98	56.3	NA	12.7	< 0.005	NA	NA	1.37
Total PCB Homologues	0.5	0.5	0.0061	0.018	0.0091	83.8	105	105	102	125	NA	94.4	0.0181	NA	NA	10.2

Notes:
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GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AH16R MW-AH16R-041316 4/13/2016 16040311	MW-AH16R MW-AH16R-082416 8/24/2016 16080629	MW-AH16R MW-AH16R-122116- 12/21/2016 16L1029	MW-AH16R MW-AH16R-20170412 4/12/2017 17D0505	MW-AH16R MW-AH16R-081517- 8/15/2017 GBY85227	MW-AH16R MW-AH16R-111517- 11/15/2017 17K0912	MW-AH16R MW-AH16R-030618- 3/6/2018 18C0227	MW-AH16R MW-AH16R-062818- 6/28/2018 18F1460	MW-AH16R MW-AH16R-092718- 9/27/2018 18I1258	MW-AH16R MW-AH16R-121218- 12/12/2018 18L0583	MW-AH16R MW-AH16R-041619- 4/16/2019 19D0862	MW-AH16R MW-AH16R-071619- 7/16/2019 19G0869	MW-AH16R MW-AH16R-102419- 10/24/2019 19J1561	MW-AH16R MW-AH16R-011720- 1/17/2020 20A0803
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.136	< 0.05	< 0.0050	< 0.0052	< 0.0052 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0050	6.1	< 0.0049	< 0.0050	< 0.0047	< 0.0050
Dichlorobiphenyl	NE	NE	15.1	4.39	6.2	11	3.8 J	5.5	7.7	6.9	6.3	2.0	6.1	8.4	3.2	1.7
Heptachlorobiphenyl	NE	NE	< 0.0815	< 0.03	< 0.0030	< 0.0031	< 0.0031 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0030	< 0.0029	< 0.0030	< 0.0028	< 0.0030
Hexachlorobiphenyl	NE	NE	< 0.0543	< 0.02	< 0.0020	0.0027	< 0.0021 UJ	0.0041	0.0040	0.0050	0.0047	< 0.0020	< 0.0019	< 0.0020	< 0.0019	< 0.0020
Monochlorobiphenyl	NE	NE	19.8	5.39	8.7	11	5.4 J	8.3	4.7	5.6	7.4	3.4	12	7.5	3.6	4.1
Nonachlorobiphenyl	NE	NE	< 0.136	< 0.05	< 0.0050	< 0.0052	< 0.0052 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0050	< 0.0049	< 0.0050	< 0.0047	< 0.0050
Octachlorobiphenyl	NE	NE	< 0.0815	< 0.03	< 0.0030	< 0.0031	< 0.0031 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0030	< 0.0029	< 0.0030	< 0.0028	< 0.0030
Pentachlorobiphenyl	NE	NE	< 0.0543	< 0.02	0.019	0.033	0.017 J	0.035	0.031	0.033	0.047	0.018	0.011	0.011	0.016	0.0051
Tetrachlorobiphenyl	NE	NE	0.119	0.167	0.25	0.35	0.15 J	0.21	0.19	0.30	0.33	0.17	0.087	0.10	0.13	0.065
Trichlorobiphenyl	NE	NE	2.56	1.15	1.0	2.2	0.58 J	0.69	0.79	1.5	1.1	0.47	0.34	0.70	0.52	0.24
Total PCB Homologues	0.5	0.5	37.6	11.1	16	24.5857	10 J	14.7391	13.4	14.338	15	1.0	19	17	7.4	6.1

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AH16R MW-AH16R-011720- 20A0803	MW-AH16R MW-AH16R-040620- 20D0235	MW-AH16R MW-AH16R-040620- 20D0235	MW-AH16R MW-AH16R-071320- 20G0538	MW-AH16R MW-AH16R-110520- 20K0258	MW-AJ13 MW-AJ13-021413-1 2/14/2013 SB64588	MW-AJ13 MW-AJ13-021413-2 2/14/2013 SB64588	MW-AJ13 MW-AJ13-051613-1 5/16/2013 SB69757	MW-AJ13 MW-AJ13-051613-2 5/16/2013 SB69757	MW-AJ13 MW-AJ13-08212013- 8/21/2013 SB75529	MW-AJ13 MW-AJ13-08212013- 8/21/2013 SB75529	MW-AJ13 MW-AJ13-11132013- 11/13/2013 SB80244	MW-AJ13 MW-AJ13-11132013- 11/13/2013 SB80244	MW-AJ13 MW-AJ13-04172014- 4/17/2014 14040385
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	0.87	1.2	1.4	0.89	0.85	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	< 0.50	< 0.50	< 1.0	NA	< 0.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA
Acetone	700	10000	< 10	< 10	< 10	NA	< 10	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA
Chloroform	6	14100	< 0.50	< 0.50	< 1.0	NA	< 0.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA
Chloromethane	18	10000	< 1.0	< 1.0	< 2.0	NA	< 2.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	< 0.50	< 0.50	< 0.50	NA	< 0.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA
Naphthalene	280	210	< 2.0	< 2.0	< 5.0	NA	< 2.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA
p-Isopropyltoluene	25	200	< 0.50	< 0.50	< 2.0	NA	< 0.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA
Tetrachloroethylene	5	88	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA
Tetrahydrofuran	4	9600	< 10	< 10	< 10	NA	< 10	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA
Toluene	1000	4000000	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA
Trichloroethene	5	2340	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	< 0.99	< 0.99	< 0.98	< 0.96	< 0.99	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	0.34	< 0.30	0.32	0.29	< 0.30	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	< 0.20	< 0.20	< 0.20	< 0.19	< 0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	< 0.20	< 0.20	< 0.20	< 0.19	< 0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	< 0.050	< 0.050	< 0.049	< 0.048	< 0.049	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	< 0.099	< 0.099	< 0.098	< 0.096	< 0.099	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.050	< 0.050	< 0.049	< 0.048	< 0.049	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	< 0.50	< 0.50	< 0.49	< 0.48	< 0.49	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.20	< 0.20	< 0.20	< 0.19	< 0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	< 0.20	< 0.20	< 0.20	< 0.19	< 0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.099	< 0.099	< 0.098	< 0.096	< 0.099	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	< 0.50	< 0.50	< 0.49	< 0.48	< 0.49	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	< 0.99	< 0.99	< 0.98	< 0.96	< 0.99	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.099	< 0.099	< 0.098	< 0.096	< 0.099	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 0.99	< 0.99	< 0.98	< 0.96	< 0.99	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	< 0.050	< 0.050	< 0.049	< 0.048	< 0.049	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	< 0.99	< 0.99	< 0.98	< 0.96	< 0.99	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	0.086	0.088	< 0.050	< 0.050	0.166	0.078	< 0.050	< 0.050	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	0.251	0.262	< 0.050	< 0.050	0.085	0.050	< 0.050	< 0.050	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	0.262	0.275	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	0.078	0.081	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	0.160	0.158	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	0.650	0.695	< 0.050	< 0.050	0.081	0.054	< 0.050	< 0.050	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	0.177	0.170	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	NA
Arsenic	0.05	0.004	0.0043	0.0048	0.0052	0.01	0.0068	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	NA
Barium	1	2.2	0.31	0.28	0.28	0.59	0.3	0.0951	0.109	0.113	0.119	0.170	0.172	0.159	0.156	NA
Beryllium	0.004	0.004	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA
Cadmium	0.005	0.006	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	21.4	23.8	29.2	31.3	41.3	42.0	43.1	42.6	NA
Chromium	0.05	NE	< 0.0010	0.0012	0.0012	0.0020	0.0017	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA
Cobalt	NE	NE	NA	NA	NA	NA	0.0011	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	0.0044	0.0063	0.0066	0.0050	0.0068	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA
Iron	NE	70	NA	NA	NA	NA	18	2.30	2.89	8.67	9.58	13.3	13.5	11.9	11.4	NA
Lead	0.015	0.013														

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AH16R MW-AH16R-011720- 20A0803	MW-AH16R MW-AH16R-040620- 20D0235	MW-AH16R MW-AH16R-040620- 20D0235	MW-AH16R MW-AH16R-071320- 20G0538	MW-AH16R MW-AH16R-110520- 20K0258	MW-AJ13 MW-AJ13-021413-1 2/14/2013 SB64588	MW-AJ13 MW-AJ13-021413-2 2/14/2013 SB64588	MW-AJ13 MW-AJ13-051613-1 5/16/2013 SB69757	MW-AJ13 MW-AJ13-051613-2 5/16/2013 SB69757	MW-AJ13 MW-AJ13-08212013- 8/21/2013 SB75529	MW-AJ13 MW-AJ13-08212013- 8/21/2013 SB75529	MW-AJ13 MW-AJ13-11132013- 11/13/2013 SB80244	MW-AJ13 MW-AJ13-11132013- 11/13/2013 SB80244	MW-AJ13 MW-AJ13-04172014- 4/17/2014 14040385
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	< 0.040	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	< 1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0049	< 0.0050	< 0.0050	< 0.0050	< 0.0051	< 0.025	< 0.025	< 0.0263	< 0.0278	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0625
Dichlorobiphenyl	NE	NE	2.5	1.7	1.8	2.8	1.4	3.32	3.21	0.598	0.723	0.767	0.717	0.877	0.911	3.78
Heptachlorobiphenyl	NE	NE	< 0.0029	< 0.0030	< 0.0030	< 0.0030	< 0.0031	< 0.015	< 0.015	< 0.0158	< 0.0167	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0375
Hexachlorobiphenyl	NE	NE	< 0.0019	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.01	< 0.01	< 0.0105	< 0.0111	< 0.01	< 0.01	< 0.01	< 0.01	< 0.025
Monochlorobiphenyl	NE	NE	6.4	4.6	4.7	3.8	1.8	0.153	0.114	0.0702	0.0823	0.160	0.145	0.206	0.207	< 0.0125
Nonachlorobiphenyl	NE	NE	< 0.0049	< 0.0050	< 0.0050	< 0.0050	< 0.0051	< 0.025	< 0.025	< 0.0263	< 0.0278	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0625
Octachlorobiphenyl	NE	NE	< 0.0029	< 0.0030	< 0.0030	< 0.0030	< 0.0031	< 0.015	< 0.015	< 0.0158	< 0.0167	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0375
Pentachlorobiphenyl	NE	NE	0.0064	0.0032	0.0033	0.0044	0.0072	< 0.01	< 0.01	< 0.0105	< 0.0111	< 0.01	< 0.01	< 0.01	< 0.01	0.946
Tetrachlorobiphenyl	NE	NE	0.080	0.039	0.034	0.051	0.067	0.493	0.307	0.103	0.130	0.0691	0.0726	0.425	0.424	3.95
Trichlorobiphenyl	NE	NE	0.29	0.17	0.14	0.29	0.29	3.12	2.90	0.362	0.472	0.357	0.374	0.791	0.779	6.40
Total PCB Homologues	0.5	0.5	9.3	6.6	6.7	6.9	3.6	7.09	6.54	1.13	1.41	1.35	1.31	2.30	2.32	15.1

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AJ13 MW-AJ13-092514-1 9/25/2014 14090859	MW-AJ13 MW-AJ13-121714-1 12/17/2014 SC01370	MW-AJ13 MW-AJ13-071515-1 7/15/2015 GBJ47837	MW-AJ13 MW-AJ13-102815 10/28/2015 GBK15071	MW-AJ13 MW-AJ13-011216 1/12/2016 16010209	MW-AJ13 MW-AJ13-041316 4/13/2016 16040311	MW-AJ13 MW-AJ13-082416 8/24/2016 GBN97446	MW-AJ13 MW-AJ13-20170411- 4/11/2017 17D0409	MW-AJ13 MW-AJ13-082917-1 8/24/2017 GBY92749	MW-AJ13 MW-AJ13-111417-1 11/14/2017 17K0813	MW-AJ13 MW-AJ13-030818-1 3/6/2018 18C0346	MW-AJ13 MW-AJ13-062718-1 6/27/2018 GCA79842	MW-AJ13 MW-AJ13-092718-1 9/27/2018 18I1258	MW-AJ13 MW-AJ13-121218-1 12/12/2018 18L0583
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.19
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 1.0
Acenaphthene	420	150	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.30
Acenaphthylene	420	0.3	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.20
Anthracene	2000	1100000	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.20
Benzo(a)anthracene	0.06	0.3	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.050
Benzo(a)pyrene	0.2	0.3	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.10
Benzo(b)fluoranthene	0.08	0.3	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.050
Benzo(g,h,i)perylene	0.48	150	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.50
Benzo(k)fluoranthene	0.5	0.3	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.20
Chrysene	4.8	0.54	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.20
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01	< 0.10
Fluoranthene	280	3700	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.50
Fluorene	280	140000	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 1.0
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	< 0.02	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.10
Naphthalene	280	210	NA	NA	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.11	< 0.10	NA	< 0.10	< 0.09	< 1.0
Phenanthrene	200	0.077	NA	NA	< 0.07	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.050
Pyrene	200	110000	NA	NA	< 0.10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 1.0
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA
Acenaphthene	420	150	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA
Acenaphthylene	420	0.3	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA
Anthracene	2000	1100000	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA
Chrysene	4.8	0.54	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	< 0.01	NA	NA	NA
Fluoranthene	280	3700	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	0.05	NA	NA	NA
Fluorene	280	140000	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA
Naphthalene	280	210	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	NA	NA	NA
Phenanthrene	200	0.077	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	0.1	NA	NA	NA
Pyrene	200	110000	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	< 0.0060	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.0050
Arsenic	0.05	0.004	NA	< 0.0040	0.017	0.024	0.030	0.027	0.144	0.030	0.090	0.079	< 0.004	0.020	< 0.004	0.0074
Barium	1	2.2	NA	0.0250	0.038	0.047	0.092	0.075	0.169	0.128	0.068	0.054	0.024	0.058	0.037	0.08
Beryllium	0.004	0.004	NA	0.0120	0.001	< 0.001	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	NA	< 0.001	< 0.001	< 0.0020
Cadmium	0.005	0.006	NA	< 0.0025	< 0.001	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0025
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	< 0.0050	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	0.002	0.002	< 0.001	0.001	< 0.001	< 0.0050
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	0.0108	0.007	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.025
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	0.0110	0.002	0.003	< 0.002	0.002	< 0.002	0.002	< 0.002	< 0.002	0.004	< 0.002	< 0.002	< 0.0050
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	< 0.00020	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.00010
Nickel	0.1	0.88	NA	1.34	0.118	0.073	0.059	0.027	0.017	0.016	0.004	0.004	NA	0.006	0.007	< 0.025
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	< 0.0150	< 0.010	< 0.010	< 0.010	< 0.0								

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AJ13 MW-AJ13-092514-1 9/25/2014 14090859	MW-AJ13 MW-AJ13-121714-1 12/17/2014 SC01370	MW-AJ13 MW-AJ13-071515-1 7/15/2015 GBJ47837	MW-AJ13 MW-AJ13-102815 10/28/2015 GBK15071	MW-AJ13 MW-AJ13-011216 1/12/2016 16010209	MW-AJ13 MW-AJ13-041316 4/13/2016 16040311	MW-AJ13 MW-AJ13-082416 8/24/2016 GBN97446	MW-AJ13 MW-AJ13-20170411- 4/11/2017 17D0409	MW-AJ13 MW-AJ13-082917-1 8/24/2017 GBY92749	MW-AJ13 MW-AJ13-111417-1 11/14/2017 17K0813	MW-AJ13 MW-AJ13-030818-1 3/6/2018 18C0346	MW-AJ13 MW-AJ13-062718-1 6/27/2018 GCA79842	MW-AJ13 MW-AJ13-092718-1 9/27/2018 18I1258	MW-AJ13 MW-AJ13-121218-1 12/12/2018 18L0583
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.025	< 0.025	< 0.0294	NA	< 0.025	< 0.0272	< 0.025	< 0.0051	< 0.0050 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0050
Dichlorobiphenyl	NE	NE	2.65	3.03	1.40	NA	< 0.005	3.52	1.39	1.7	2.7 J	1.2	0.38	0.41	0.47	0.30
Heptachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.0176	NA	< 0.015	< 0.0163	< 0.015	< 0.0031	< 0.0030 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0030
Hexachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.0118	NA	< 0.01	< 0.0109	< 0.01	< 0.0020	< 0.0020 UJ	< 0.0020	0.011	< 0.0020	0.0036	< 0.0020
Monochlorobiphenyl	NE	NE	0.276	0.407	0.250	NA	< 0.005	0.227	0.165	0.024	0.019 J	0.010	0.0015	< 0.0010	0.0036	0.0056
Nonachlorobiphenyl	NE	NE	< 0.025	< 0.025	< 0.0294	NA	< 0.025	< 0.0272	< 0.025	< 0.0051	< 0.0050 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0050
Octachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.0176	NA	< 0.015	< 0.0163	< 0.015	< 0.0031	< 0.0030 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0030
Pentachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.0118	NA	< 0.01	< 0.0109	< 0.01	0.029	0.080 J	0.096	0.13	0.052	0.071	0.049
Tetrachlorobiphenyl	NE	NE	0.144	0.176	0.164	NA	< 0.01	0.775	0.475	0.34	0.65 J	0.71	0.56	0.41	0.66	0.44
Trichlorobiphenyl	NE	NE	1.36	1.90	0.902	NA	< 0.005	3.24	1.31	1.6	2.9 J	2.8	1.7	1.7	2.6	1.9
Total PCB Homologues	0.5	0.5	4.43	5.52	2.72	NA	< 0.025	7.76	3.34	3.693	6.3 J	4.816	2.7825	2.572	3.8	2.7

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AJ13 MW-AJ13-041819-1 4/18/2019 19D0971	MW-AJ13 MW-AJ13-071819-1 7/18/2019 19G0975	MW-AJ13 MW-AJ13-102419-1 10/24/2019 19J1561	MW-AJ13 MW-AJ13-011720-1 1/17/2020 20A0803	MW-AJ13 MW-AJ13-040820-1 4/8/2020 20D0340	MW-AJ13 MW-AJ13-070920-1 7/9/2020 20G0415	MW-AJ13 MW-AJ13-110220-1 11/2/2020 20K0034	MW-AJ13D MW-AJ13D-082917-1 8/29/2017 17H1571	MW-AJ13D MW-AJ13D-111417-1 11/14/2017 17K0813	MW-AJ13D MW-AJ13D-030818-1 3/6/2018 18C0346	MW-AJ13D MW-AJ13D-067218-1 6/27/2018 18F1384	MW-AJ13D MW-AJ13D-092718-1 9/27/2018 18I1258	MW-AJ13D MW-AJ13D-121218-1 12/12/2018 18L0583	MW-AJ13D MW-AJ13D-041819-1 4/18/2019 19D0971
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	0.20	0.26	0.48	0.37	0.32	0.77	0.39	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	< 0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	< 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	< 0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	< 0.60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	< 0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	< 0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	< 1.0	< 1.1	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	< 0.30	< 0.34	< 0.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	< 0.20	< 0.23	< 0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	< 0.20	< 0.23	< 0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	< 0.051	< 0.057	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	< 0.10	< 0.11	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.051	< 0.057	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	< 0.51	< 0.57	< 0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.20	< 0.23	< 0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	< 0.20	< 0.23	< 0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.10	< 0.11	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	< 0.51	< 0.57	< 0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	< 1.0	< 1.1	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.10	< 0.11	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 1.0	< 1.1	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	< 0.051	< 0.057	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	< 1.0	< 1.1	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	0.0012	< 0.00080	0.0028	0.0033	0.0010	0.0033	0.0029	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	0.05	0.012	0.017	0.037	0.059	0.023	0.017	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	< 0.00050	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0017	< 0.0010	0.0013	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	< 0.0050	0.0021	0.0017	< 0.0010	0.0012	< 0.0010	0.0014	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	< 0.0010	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0062	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	< 0.00050	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	4	1.8	2.4	3	4.7	1.7	2.1	NA	NA	NA	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AJ13 MW-AJ13-041819-1 4/18/2019 19D0971	MW-AJ13 MW-AJ13-071819-1 7/18/2019 19G0975	MW-AJ13 MW-AJ13-102419-1 10/24/2019 19J1561	MW-AJ13 MW-AJ13-011720-1 1/17/2020 20A0803	MW-AJ13 MW-AJ13-040820-1 4/8/2020 20D0340	MW-AJ13 MW-AJ13-070920-1 7/9/2020 20G0415	MW-AJ13 MW-AJ13-110220-1 11/2/2020 20K0034	MW-AJ13D MW-AJ13D-082917-1 8/29/2017 17H1571	MW-AJ13D MW-AJ13D-111417-1 11/14/2017 17K0813	MW-AJ13D MW-AJ13D-030818-1 3/6/2018 18C0346	MW-AJ13D MW-AJ13D-067218-1 6/27/2018 18F1384	MW-AJ13D MW-AJ13D-092718-1 9/27/2018 18I1258	MW-AJ13D MW-AJ13D-121218-1 12/12/2018 18L0583	MW-AJ13D MW-AJ13D-041819-1 4/18/2019 19D0971
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0049	< 0.0051	< 0.0049	< 0.0050	< 0.0048	< 0.0049	< 0.0050	< 0.0050 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Dichlorobiphenyl	NE	NE	0.12	0.16	0.080	0.079	0.064	0.065	0.081	4.2 J	0.68	0.061	0.42	0.045	0.21	0.024
Heptachlorobiphenyl	NE	NE	< 0.0029	< 0.0031	< 0.0029	< 0.0030	< 0.0029	< 0.0029	< 0.0030	< 0.0030 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Hexachlorobiphenyl	NE	NE	0.0036	0.0079	< 0.0020	< 0.0020	< 0.0019	< 0.0019	0.0032	< 0.0020 UJ	< 0.0020	0.013	< 0.0020	0.0025	< 0.0020	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.00098	< 0.0010	< 0.00098	0.0020	< 0.00096	< 0.00097	< 0.00099	1.6 J	0.14	0.021	0.076	0.0032	0.029	< 0.0010
Nonachlorobiphenyl	NE	NE	< 0.0049	< 0.0051	< 0.0049	< 0.0050	< 0.0048	< 0.0049	< 0.0050	< 0.0050 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Octachlorobiphenyl	NE	NE	< 0.0029	< 0.0031	< 0.0029	< 0.0030	< 0.0029	< 0.0029	< 0.0030	< 0.0030 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Pentachlorobiphenyl	NE	NE	0.052	0.078	0.020	0.026	0.020	0.0085	0.046	0.036 J	0.017	0.053	0.0064	0.010	0.026	0.0038
Tetrachlorobiphenyl	NE	NE	0.36	0.44	0.16	0.20	0.17	0.13	0.31	0.24 J	0.084	< 0.0020	0.038	0.015	0.10	0.0081
Trichlorobiphenyl	NE	NE	1.2	1.2	0.57	0.63	0.55	0.52	0.80	1.4 J	0.40	0.073	0.24	0.036	0.31	0.026
Total PCB Homologues	0.5	0.5	1.7	1.8	0.83	0.93	0.80	0.73	1.2	7.4 J	1.321	0.221	0.7804	0.11	0.67	0.062

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AJ13D MW-AJ13D-071819- 19G0975	MW-AJ13D MW-AJ13D-102419- 19J1561	MW-AJ13D MW-AJ13D-011720- 20A0803	MW-AJ13D MW-AJ13D-040820- 20D0340	MW-AJ13D MW-AJ13D-071020- 20G0456	MW-AJ13D MW-AJ13D-110220- 20K0034	MW-AJ19 MW-AJ19-021213-1 SB64419	MW-AJ19 MW-AJ19-051613-1 SB69757	MW-AJ19 MW-AJ19-08212013- SB75529	MW-AJ19 MW-AJ19-11142013- SB80319	MW-AJ19 MW-AJ19-04182014- SB87951	MW-AJ19 MW-AJ19-092514-1 14090859	MW-AJ19 MW-AJ19-011316 16010232	MW-AJ19 MW-AJ19-041416 16040313
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	0.23	0.21	0.61	0.44	< 0.2	< 0.2	< 0.2	< 0.2	0.4	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	0.4	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	0.4	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	27.9	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	1.41	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	< 0.050	0.170	0.432	0.174	< 0.050	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	< 0.050	0.087	0.221	0.099	< 0.050	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	< 0.050	0.089	0.093	0.089	< 0.050	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	0.066	0.053	0.054	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	< 0.050	0.095	0.126	0.107	< 0.050	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	< 0.050	0.180	0.274	0.145	< 0.050	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	< 0.050	0.160	0.159	0.134	< 0.050	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	0.051	< 0.050	0.072	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	NA	NA	NA
Arsenic	0.05	0.004	NA	NA	0.0010	< 0.00080	0.0051	0.0032	< 0.0040	< 0.0040	0.0058	< 0.0040	0.0060	NA	NA	NA
Barium	1	2.2	NA	NA	0.071	0.067	0.047	0.033	0.720	1.19	0.938	0.706	0.0428	NA	NA	NA
Beryllium	0.004	0.004	NA	NA	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA	NA	NA
Cadmium	0.005	0.006	NA	NA	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	160	231	152	120	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	< 0.0010	0.0010	0.0017	< 0.0010	< 0.0050	< 0.0050	0.0266	< 0.0050	0.0080	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	< 0.0010	< 0.0010	0.0021	0.0010	< 0.0050	< 0.0050	0.0311	< 0.0050	0.0084	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	24.9	69.2	76.4	56.9	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	< 0.00050	< 0.00050	0.00094	< 0.00050	< 0.0075	< 0.0075	0.0916	< 0.0075	0.0086	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	21.8	47.7	36.5	28.1	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	2.08	4.48	4.23	3.44	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00020	< 0.00020	< 0.00020	< 0.00030	< 0.00020	NA	NA	NA
Nickel	0.1	0.88	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0150	< 0.0050	0.0071	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	13.4	14.3	14.6	8.60	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0150	< 0.0150	< 0.0150	< 0.0150	< 0.0150	NA	NA	NA
Silver	0.036	0.012	NA	NA	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	986	641	332	207	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.0050	< 0.0050	0.0072	< 0.0050	< 0.0050			

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AJ13D MW-AJ13D-071819-1 7/18/2019 19G0975	MW-AJ13D MW-AJ13D-102419-1 10/24/2019 19J1561	MW-AJ13D MW-AJ13D-011720-1 1/17/2020 20A0803	MW-AJ13D MW-AJ13D-040820-1 4/8/2020 20D0340	MW-AJ13D MW-AJ13D-071020-1 7/10/2020 20G0456	MW-AJ13D MW-AJ13D-110220-1 11/2/2020 20K0034	MW-AJ19 MW-AJ19-021213-1 2/12/2013 SB64419	MW-AJ19 MW-AJ19-051613-1 5/16/2013 SB69757	MW-AJ19 MW-AJ19-08212013-1 8/21/2013 SB75529	MW-AJ19 MW-AJ19-11142013-1 11/14/2013 SB80319	MW-AJ19 MW-AJ19-04182014-1 4/18/2014 SB87951	MW-AJ19 MW-AJ19-092514-1 9/25/2014 14090859	MW-AJ19 MW-AJ19-011316 1/13/2016 16010232	MW-AJ19 MW-AJ19-041416 4/14/2016 16040313
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0054	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.025	< 0.025	< 0.025	< 0.0278	< 0.025	< 0.025	< 0.0253	< 0.025
Dichlorobiphenyl	NE	NE	0.025	0.11	0.068	0.088	0.085	0.11	< 0.005	< 0.005	< 0.005	< 0.00556	< 0.005	< 0.005	< 0.00505	< 0.005
Heptachlorobiphenyl	NE	NE	< 0.0032	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.015	< 0.015	< 0.015	< 0.0167	< 0.015	< 0.015	< 0.0152	< 0.015
Hexachlorobiphenyl	NE	NE	< 0.0022	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.01	< 0.01	< 0.01	< 0.0111	< 0.01	< 0.01	< 0.0101	< 0.01
Monochlorobiphenyl	NE	NE	< 0.0011	0.0019	0.012	0.012	0.014	0.023	< 0.005	< 0.005	< 0.005	< 0.00556	< 0.005	< 0.005	< 0.00505	< 0.005
Nonachlorobiphenyl	NE	NE	< 0.0054	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.025	< 0.025	< 0.025	< 0.0278	< 0.025	< 0.025	< 0.0253	< 0.025
Octachlorobiphenyl	NE	NE	< 0.0032	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.015	< 0.015	< 0.015	< 0.0167	< 0.015	< 0.015	< 0.0152	< 0.015
Pentachlorobiphenyl	NE	NE	0.0080	0.020	0.0050	0.0060	0.013	0.015	< 0.01	< 0.01	< 0.01	< 0.0111	< 0.01	< 0.01	< 0.0101	< 0.01
Tetrachlorobiphenyl	NE	NE	0.0077	0.063	0.023	0.031	0.045	0.058	< 0.01	< 0.01	< 0.01	< 0.0111	< 0.01	< 0.01	< 0.0101	< 0.01
Trichlorobiphenyl	NE	NE	0.020	0.14	0.066	0.10	0.12	0.13	< 0.005	< 0.005	< 0.005	< 0.00556	< 0.005	< 0.005	< 0.00505	< 0.005
Total PCB Homologues	0.5	0.5	0.060	0.33	0.17	0.24	0.27	0.34	< 0.025	< 0.025	< 0.025	< 0.0278	< 0.025	< 0.025	< 0.0253	< 0.025

Notes:
 This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
 GWPC = Ground water protection criteria
 SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 <0.01 = Not detected above the specified laboratory reporting limit
 NE = Criterion has not been established
 NA = Not analyzed for specific constituent
 ug/L = microgram per liter
 mg/L = milligram per Liter
 (1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
 (2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AJ19 MW-AJ19-082616 8/26/2016 16080630	MW-AJ19 MW-AJ19-122016-1 12/20/2016 16L0972	MW-AJ19 MW-AJ19-20170412- 4/12/2017 17D0656	MW-AJ19 MW-AJ19-081717-1 8/17/2017 17H1062	MW-AJ19 MW-AJ19-111617-1 11/16/2017 17K1027	MW-AJ19 MW-AJ19-030918-1 3/9/2018 18C0412	MW-AJ19 MW-AJ19-062718-1 6/27/2018 18F1384	MW-AJ19 MW-AJ19-092718-1 9/27/2018 18I1338	MW-AJ19 MW-AJ19-121118-1 12/11/2018 18L0484	MW-AJ19 MW-AJ19-041619-1 4/16/2019 19D0862	MW-AJ19 MW-AJ19-071719-1 7/17/2019 19G0888	MW-AJ19 MW-AJ19-102419-1 10/24/2019 19J1561	MW-AJ19 MW-AJ19-011720-1 1/17/2020 20A0803	MW-AJ19 MW-AJ19-040720-1 4/7/2020 20D0295
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0010
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0040	0.00088
Barium	1	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.8	1.7
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00040	< 0.00040
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00020	< 0.00020
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0025	0.0093
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.27	0.053
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0036	0.0016
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00010	< 0.00010
Nickel	0.1	0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.015	0.011
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.025	< 0.0050
Silver	0.036	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00020	< 0.00020
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00020	< 0.00020
Vanadium	0.05	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050
Zinc	5	0.123	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.24	0.038

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AJ19 MW-AJ19-082616 8/26/2016 16080630	MW-AJ19 MW-AJ19-122016-1 12/20/2016 16L0972	MW-AJ19 MW-AJ19-20170412- 4/12/2017 17D0656	MW-AJ19 MW-AJ19-081717-1 8/17/2017 17H1062	MW-AJ19 MW-AJ19-111617-1 11/16/2017 17K1027	MW-AJ19 MW-AJ19-030918-1 3/9/2018 18C0412	MW-AJ19 MW-AJ19-062718-1 6/27/2018 18F1384	MW-AJ19 MW-AJ19-092718-1 9/27/2018 18I1338	MW-AJ19 MW-AJ19-121118-1 12/11/2018 18L0484	MW-AJ19 MW-AJ19-041619-1 4/16/2019 19D0862	MW-AJ19 MW-AJ19-071719-1 7/17/2019 19G0888	MW-AJ19 MW-AJ19-102419-1 10/24/2019 19J1561	MW-AJ19 MW-AJ19-011720-1 1/17/2020 20A0803	MW-AJ19 MW-AJ19-040720-1 4/7/2020 20D0295
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0266	< 0.0050	< 0.0050	< 0.0050 UJ	< 0.0049	< 0.0049	< 0.0049	< 0.0045	< 0.0051	< 0.0049	< 0.0054	< 0.0050	< 0.0049	< 0.0050
Dichlorobiphenyl	NE	NE	< 0.00532	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.00097	< 0.00098	< 0.00098	< 0.00091	< 0.0010	< 0.00097	0.0013	0.0012	< 0.00097	< 0.0010
Heptachlorobiphenyl	NE	NE	< 0.016	< 0.0030	< 0.0030	< 0.0030 UJ	< 0.0029	< 0.0029	< 0.0029	< 0.0027	< 0.0030	< 0.0029	< 0.0032	< 0.0030	< 0.0029	< 0.0030
Hexachlorobiphenyl	NE	NE	< 0.0106	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0020	< 0.0020	< 0.0018	< 0.0020	< 0.0019	< 0.0022	< 0.0020	< 0.0019	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.00532	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.00097	< 0.00098	< 0.00098	< 0.00091	< 0.0010	< 0.00097	< 0.0011	< 0.00099	< 0.00097	< 0.0010
Nonachlorobiphenyl	NE	NE	< 0.0266	< 0.0050	< 0.0050	< 0.0050 UJ	< 0.0049	< 0.0049	< 0.0049	< 0.0045	< 0.0051	< 0.0049	< 0.0054	< 0.0050	< 0.0049	< 0.0050
Octachlorobiphenyl	NE	NE	< 0.016	< 0.0030	< 0.0030	< 0.0030 UJ	< 0.0029	< 0.0029	< 0.0029	< 0.0027	< 0.0030	< 0.0029	< 0.0032	< 0.0030	< 0.0029	< 0.0030
Pentachlorobiphenyl	NE	NE	< 0.0106	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0020	< 0.0020	0.0039	0.010	0.0026	< 0.0022	0.0024	< 0.0019	< 0.0020
Tetrachlorobiphenyl	NE	NE	< 0.0106	< 0.0020	< 0.0020	0.0047 J	< 0.0019	< 0.0020	0.0026	0.019	0.033	0.011	0.0048	0.012	0.0037	< 0.0020
Trichlorobiphenyl	NE	NE	< 0.00532	0.0038	< 0.0010	0.0074 J	< 0.00097	< 0.00098	< 0.00098	0.0087	0.016	0.0071	0.0053	0.0075	0.0030	< 0.0020
Total PCB Homologues	0.5	0.5	< 0.0266	0.0038	< 0.0050	0.012 J	< 0.0049	< 0.0049	0.0026	0.031	0.060	0.021	0.011	0.023	0.0067	< 0.0050

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AJ19 MW-AJ19-071020-1 7/10/2020 20G0456	MW-AJ19 MW-AJ19-110420-1 11/4/2020 20K0178	MW-AL10 MW-AL10-082917-1 8/29/2017 17H1571	MW-AL10 MW-AL10-111417-1 11/14/2017 17K0813	MW-AL10 MW-AL10-030918-1 3/9/2018 18C0412	MW-AL10 MW-AL10-062718-1 6/27/2018 18F1384	MW-AL10 MW-AL10-092618-1 9/26/2018 18I1195	MW-AL10 MW-AL10-121118-1 12/11/2018 18L0484	MW-AL10 MW-AL10-041719-1 4/17/2019 19D0928	MW-AL10 MW-AL10-071719-1 7/17/2019 19G0888	MW-AL10 MW-AL10-102419-1 10/24/2019 19J1561	MW-AL10 MW-AL10-011720-1 1/17/2020 20A0803	MW-AL10 MW-AL10-040820-1 4/8/2020 20D0340	MW-AL10 MW-AL10-070920-1 7/9/2020 20G0415
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0010	< 0.0010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	< 0.00080	0.00096	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	1.7	1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	< 0.00040	< 0.00040	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	0.015	0.0057	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	0.049	0.082	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	0.011	0.0041	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.00010	< 0.00010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	0.0086	0.0077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.0050	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	0.0058	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	0.14	0.056	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AJ19 MW-AJ19-071020-1 7/10/2020 20G0456	MW-AJ19 MW-AJ19-110420-1 11/4/2020 20K0178	MW-AL10 MW-AL10-082917-1 8/29/2017 17H1571	MW-AL10 MW-AL10-111417-1 11/14/2017 17K0813	MW-AL10 MW-AL10-030918-1 3/9/2018 18C0412	MW-AL10 MW-AL10-062718-1 6/27/2018 18F1384	MW-AL10 MW-AL10-092618-1 9/26/2018 18I1195	MW-AL10 MW-AL10-121118-1 12/11/2018 18L0484	MW-AL10 MW-AL10-041719-1 4/17/2019 19D0928	MW-AL10 MW-AL10-071719-1 7/17/2019 19G0888	MW-AL10 MW-AL10-102419-1 10/24/2019 19J1561	MW-AL10 MW-AL10-011720-1 1/17/2020 20A0803	MW-AL10 MW-AL10-040820-1 4/8/2020 20D0340	MW-AL10 MW-AL10-070920-1 7/9/2020 20G0415
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0049	< 0.0051	< 0.0050 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.0052	< 0.0054	< 0.0051	< 0.0050	< 0.0049	< 0.0049
Dichlorobiphenyl	NE	NE	< 0.00098	< 0.0010	0.011 J	< 0.0010	< 0.00098	< 0.0010	< 0.0010	< 0.00098	0.0098	< 0.0011	< 0.0010	< 0.0010	< 0.00097	< 0.00097
Heptachlorobiphenyl	NE	NE	< 0.0029	< 0.0031	< 0.0030 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0029	< 0.0031	< 0.0032	< 0.0031	< 0.0030	< 0.0029	< 0.0029
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0021	< 0.0022	< 0.0020	< 0.0020	< 0.0019	< 0.0019
Monochlorobiphenyl	NE	NE	< 0.00098	< 0.0010	0.0041 J	< 0.0010	< 0.00098	< 0.0010	< 0.0010	< 0.00098	0.0079	< 0.0011	< 0.0010	0.0019	< 0.00097	< 0.00097
Nonachlorobiphenyl	NE	NE	< 0.0049	< 0.0051	< 0.0050 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.0052	< 0.0054	< 0.0051	< 0.0050	< 0.0049	< 0.0049
Octachlorobiphenyl	NE	NE	< 0.0029	< 0.0031	< 0.0030 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0029	< 0.0031	< 0.0032	< 0.0031	< 0.0030	< 0.0029	< 0.0029
Pentachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0040	< 0.0022	< 0.0020	< 0.0020	< 0.0019	< 0.0019
Tetrachlorobiphenyl	NE	NE	0.0034	0.0030	< 0.0020 UJ	< 0.0020	< 0.0020	< 0.0020	0.0025	0.0061	0.0077	< 0.0022	< 0.0020	< 0.0020	< 0.0019	< 0.0019
Trichlorobiphenyl	NE	NE	0.0027	0.0026	0.0034 J	< 0.0010	< 0.00098	< 0.0010	< 0.0010	< 0.00098	0.0011	< 0.0011	< 0.0010	< 0.0020	< 0.0019	< 0.0019
Total PCB Homologues	0.5	0.5	0.0061	0.0056	0.019 J	< 0.0050	< 0.0049	< 0.0050	0.0025	0.0061	0.030	ND	ND	0.0019	< 0.0049	< 0.0049

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AL10 MW-AL10-110420-1 11/4/2020 20K0158	MW-AM16 MW-AM16-021413-1 2/14/2013 SB64640	MW-AM16 MW-AM16-051613-1 5/16/2013 SB69757	MW-AM16 MW-AM16-08212013 8/21/2013 SB75423	MW-AM16 MW-AM16-11132013 11/13/2013 SB80244	MW-AM16 MW-AM16-04172014 4/17/2014 SB87931	MW-AM16 MW-AM16-092314-1 9/23/2014 14090840	MW-AM16 MW-AM16-121814-1 12/18/2014 14120427	MW-AM16 MW-AM16-071515-1 7/15/2015 15070383	MW-AM16 MW-AM16-011216 1/12/2016 16010209	MW-AM16 MW-AM16-041516 4/15/2016 16040347	MW-AM16 MW-AM16-082516 8/25/2016 16080629	MW-AM16 MW-AM16-122216-1 12/22/2016 16L1122	MW-AM16 MW-AM16-20170411- 4/11/2017 17D0505
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	0.22	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	< 0.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	< 10	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	< 0.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	< 1.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	< 0.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 2.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	< 0.50	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	< 1.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	< 10	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	< 1.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	< 1.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	< 1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	< 0.35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	< 0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	< 0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	< 0.058	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	< 0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.058	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	< 0.58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	< 0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	< 0.58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	< 1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	< 0.058	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	< 1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	< 0.050	< 0.050	< 0.090	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0010	< 0.0300	< 0.0060	< 0.0060	< 0.0060	< 0.0060	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	< 0.00080	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	0.18	0.260	0.365	0.328	0.271	0.213	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	< 0.00040	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	< 0.00020	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	119	129	99.4	113	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	0.0011	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	< 0.0010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	0.0053	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	0.50	51.6	64.0	50.2	35.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	< 0.00050	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	9.2	33.0	37.7	30.4	34.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	8.16	11.6	9.65	7.67	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.00010	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	6.36	5.70	6.18	5.78	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.0050	< 0.0750	< 0.0150	< 0.0150	< 0.0150	< 0.0150	NA	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	< 0.00020	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	19.2	20.0	21.4	23.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	&													

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AL10 MW-AL10-110420-1 11/4/2020 20K0158	MW-AM16 MW-AM16-021413-1 2/14/2013 SB64640	MW-AM16 MW-AM16-051613-1 5/16/2013 SB69757	MW-AM16 MW-AM16-08212013-1 8/21/2013 SB75423	MW-AM16 MW-AM16-11132013-1 11/13/2013 SB80244	MW-AM16 MW-AM16-04172014-1 4/17/2014 SB87931	MW-AM16 MW-AM16-092314-1 9/23/2014 14090840	MW-AM16 MW-AM16-121814-1 12/18/2014 14120427	MW-AM16 MW-AM16-071515-1 7/15/2015 15070383	MW-AM16 MW-AM16-011216 1/12/2016 16010209	MW-AM16 MW-AM16-041516 4/15/2016 16040347	MW-AM16 MW-AM16-082516 8/25/2016 16080629	MW-AM16 MW-AM16-122216-1 12/22/2016 16L1122	MW-AM16 MW-AM16-20170411-1 4/11/2017 17D0505
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	< 0.044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	< 1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0052	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0255	< 0.0272	< 0.025	< 0.0050	< 0.0051
Dichlorobiphenyl	NE	NE	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.0315	0.0142	< 0.005	< 0.0051	< 0.00544	< 0.005	0.0064	0.059
Heptachlorobiphenyl	NE	NE	< 0.0031	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0153	< 0.0163	< 0.015	< 0.0030	< 0.0030
Hexachlorobiphenyl	NE	NE	< 0.0021	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0102	< 0.0109	< 0.01	< 0.0020	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0051	< 0.00544	< 0.005	0.0015	0.0076
Nonachlorobiphenyl	NE	NE	< 0.0052	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0255	< 0.0272	< 0.025	< 0.0050	< 0.0051
Octachlorobiphenyl	NE	NE	< 0.0031	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0153	< 0.0163	< 0.015	< 0.0030	< 0.0030
Pentachlorobiphenyl	NE	NE	< 0.0021	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0102	< 0.0109	< 0.01	0.0090	< 0.0020
Tetrachlorobiphenyl	NE	NE	< 0.0021	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.130	< 0.01	< 0.01	< 0.0102	< 0.0109	< 0.01	0.028	0.023
Trichlorobiphenyl	NE	NE	< 0.0021	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.115	< 0.005	< 0.005	< 0.0051	< 0.00544	< 0.005	0.017	0.036
Total PCB Homologues	0.5	0.5	ND	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	0.277	0.0142	< 0.025	< 0.0255	< 0.0272	< 0.025	0.062	0.1256

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AM16 MW-AM16-082917-1 8/29/2017 17H1571	MW-AM16 MW-AM16-111517-1 11/15/2017 17K0912	MW-AM16 MW-AM16-030918-1 3/9/2018 18C0412	MW-AM16 MW-AM16-062818-1 6/28/2018 18F1460	MW-AM16 MW-AM16R-092718-1 9/27/2018 18I1258	MW-AM16 MW-AM16-121118-1 12/11/2018 18L0484	MW-AM16 MW-AM16-041819-1 4/18/2019 19D0971	MW-AM16 MW-AM16-071819-1 7/18/2019 19G0975	MW-AM16 MW-AM16-102419-1 10/24/2019 19J1561	MW-AM16 MW-AM16-011720-1 1/17/2020 20A0803	MW-AM16 MW-AM16-040620-1 4/6/2020 20D0235	MW-AM16 MW-AM16-070920-1 7/9/2020 20G0415	MW-AM16 MW-AM16-110520-1 11/5/2020 20K0258	MW-AM16D MW-AM16-D-082917-1 8/29/2017 17H1571
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.39	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.60	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.30	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0010	NA
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00080	NA
Barium	1	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.11	NA
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00040	NA
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00020	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0015	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0010	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0039	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00050	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.48	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00010	NA
Nickel	0.1	0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	NA
Silver	0.036	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00020	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00020	NA
Vanadium	0.05	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	NA
Zinc	5	0.123	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.01	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AM16 MW-AM16-082917-1 8/29/2017 17H1571	MW-AM16 MW-AM16-111517-1 11/15/2017 17K0912	MW-AM16 MW-AM16-030918-1 3/9/2018 18C0412	MW-AM16 MW-AM16-062818-1 6/28/2018 18F1460	MW-AM16 MW-AM16R-092718-1 9/27/2018 18I1258	MW-AM16 MW-AM16-121118-1 12/11/2018 18L0484	MW-AM16 MW-AM16-041819-1 4/18/2019 19D0971	MW-AM16 MW-AM16-071819-1 7/18/2019 19G0975	MW-AM16 MW-AM16-102419-1 10/24/2019 19J1561	MW-AM16 MW-AM16-011720-1 1/17/2020 20A0803	MW-AM16 MW-AM16-040620-1 4/6/2020 20D0235	MW-AM16 MW-AM16-070920-1 7/9/2020 20G0415	MW-AM16 MW-AM16-110520-1 11/5/2020 20K0258	MW-AM16D MW-AM16-D-082917-1 8/29/2017 17H1571
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	< 0.049	< 0.039	< 0.039	< 0.042	NA	NA	NA	NA	< 0.040	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.2	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0050 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0051	< 0.0049	< 0.0049	< 0.0053	< 0.0048	< 0.0051	< 0.0050	< 0.0049	< 0.0049	< 0.0050 UJ
Dichlorobiphenyl	NE	NE	0.0086 J	0.039	0.059	0.017	0.10	0.034	0.0019	< 0.0011	0.0088	0.0037	0.0030	< 0.00097	0.0074	0.0014 J
Heptachlorobiphenyl	NE	NE	< 0.0030 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0031	< 0.0029	< 0.0029	< 0.0032	< 0.0029	< 0.0031	< 0.0030	< 0.0029	< 0.0029	< 0.0030 UJ
Hexachlorobiphenyl	NE	NE	< 0.0020 UJ	< 0.0020	0.0030	< 0.0020	< 0.0019	< 0.0020	0.0048	< 0.0019	< 0.0020	< 0.0020	< 0.0020	< 0.0019	< 0.0020	< 0.0020 UJ
Monochlorobiphenyl	NE	NE	0.0032 J	0.010	0.0071	0.0068	0.010	< 0.00097	< 0.00098	< 0.0011	0.0017	0.0033	< 0.0010	< 0.00097	0.0011	< 0.0010 UJ
Nonachlorobiphenyl	NE	NE	< 0.0050 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0051	< 0.0049	< 0.0049	< 0.0053	< 0.0048	< 0.0051	< 0.0050	< 0.0049	< 0.0049	< 0.0050 UJ
Octachlorobiphenyl	NE	NE	< 0.0030 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0031	< 0.0029	< 0.0029	< 0.0032	< 0.0029	< 0.0031	< 0.0030	< 0.0029	< 0.0029	< 0.0030 UJ
Pentachlorobiphenyl	NE	NE	< 0.0020 UJ	0.035	0.039	0.0073	0.028	0.0050	< 0.0020	0.024	0.0069	< 0.0020	0.0025	< 0.0019	0.0038	< 0.0020 UJ
Tetrachlorobiphenyl	NE	NE	0.022 J	0.15	0.18	0.047	0.20	0.031	0.013	0.063	0.024	0.012	0.014	0.0038	0.018	< 0.0020 UJ
Trichlorobiphenyl	NE	NE	0.014 J	0.098	0.17	0.027	0.19	0.023	0.0061	0.016	0.011	0.011	0.0087	< 0.0019	0.013	0.0011 J
Total PCB Homologues	0.5	0.5	0.048 J	0.332	0.4581	0.1051	0.54	0.062	0.021	0.11	0.053	0.03	0.028	0.0038	0.043	0.0024 J

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AM16D MW-AM16D-111517- 11/15/2017 17K0912	MW-AM16D MW-AM16D-030918- 3/9/2018 18C0412	MW-AM16D MW-AM16D-062718- 6/27/2018 18F1384	MW-AM16D MW-AM16D-092718- 9/27/2018 18I1258	MW-AM16D MW-AM16D-121118- 12/11/2018 18L0484	MW-AM16D MW-AM16D-041819- 4/18/2019 19D0971	MW-AM16D MW-AM16D-071819- 7/18/2019 19G0975	MW-AM16D MW-AM16D-102419- 10/24/2019 19J1561	MW-AM16D MW-AM16D-011720- 1/17/2020 20A0803	MW-AM16D MW-AM16D-040620- 4/6/2020 20D0235	MW-AM16D MW-AM16D-070920- 7/9/2020 20G0415	MW-AM16D MW-AM16D-110520- 11/5/2020 20K0256	MW-AM21 MW-AM21-021213-1 2/12/2013 SB64419	MW-AM21 MW-AM21-051513-1 5/15/2013 SB69668
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.00	< 2.00
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.00	< 2.00
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0060	< 0.0060
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0040	< 0.0040
Barium	1	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.281	0.397
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0020	< 0.0020
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0025	< 0.0025
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	95.0	103
Chromium	0.05	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.79	16.6
Lead	0.015	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0075	< 0.0075
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24.4	25.2
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.51	2.77
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00020	< 0.00020
Nickel	0.1	0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.44	7.64
Selenium	0.05	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0150	< 0.0150
Silver	0.036	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	297	225
Thallium	0.005	0.063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050
Vanadium	0.05	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050
Zinc	5	0.123	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0398	0.0058

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AM16D MW-AM16D-111517- 11/15/2017 17K0912	MW-AM16D MW-AM16D-030918- 3/9/2018 18C0412	MW-AM16D MW-AM16D-062718- 6/27/2018 18F1384	MW-AM16D MW-AM16D-092718- 9/27/2018 18I1258	MW-AM16D MW-AM16D-121118- 12/11/2018 18L0484	MW-AM16D MW-AM16D-041819- 4/18/2019 19D0971	MW-AM16D MW-AM16D-071819- 7/18/2019 19G0975	MW-AM16D MW-AM16D-102419- 10/24/2019 19J1561	MW-AM16D MW-AM16D-011720- 1/17/2020 20A0803	MW-AM16D MW-AM16D-040620- 4/6/2020 20D0235	MW-AM16D MW-AM16D-070920- 7/9/2020 20G0415	MW-AM16D MW-AM16D-110520- 11/5/2020 20K0256	MW-AM21 MW-AM21-021213-1 2/12/2013 SB64419	MW-AM21 MW-AM21-051513-1 5/15/2013 SB69668
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0050	< 0.0048	< 0.0050	< 0.0050	< 0.0049	< 0.0049	< 0.0054	< 0.0047	< 0.0050	< 0.0050	< 0.0049	< 0.0051	< 0.025	< 0.025
Dichlorobiphenyl	NE	NE	< 0.0010	< 0.00095	0.0011	< 0.0010	< 0.00098	< 0.00098	0.028	< 0.00095	< 0.0010	< 0.0010	0.0019	< 0.0010	< 0.005	< 0.005
Heptachlorobiphenyl	NE	NE	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0029	< 0.0029	< 0.0032	< 0.0028	< 0.0030	< 0.0030	< 0.0029	< 0.0031	< 0.015	< 0.015
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0019	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0022	< 0.0019	< 0.0020	< 0.0020	< 0.0019	< 0.0020	< 0.01	< 0.01
Monochlorobiphenyl	NE	NE	0.0012	< 0.00095	< 0.0010	< 0.0010	< 0.00098	< 0.00098	0.0048	< 0.00095	0.0015	0.0016	< 0.00097	< 0.0010	< 0.005	< 0.005
Nonachlorobiphenyl	NE	NE	< 0.0050	< 0.0048	< 0.0050	< 0.0050	< 0.0049	< 0.0049	< 0.0054	< 0.0047	< 0.0050	< 0.0050	< 0.0049	< 0.0051	< 0.025	< 0.025
Octachlorobiphenyl	NE	NE	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0029	< 0.0029	< 0.0032	< 0.0028	< 0.0030	< 0.0030	< 0.0029	< 0.0031	< 0.015	< 0.015
Pentachlorobiphenyl	NE	NE	< 0.0020	0.011	< 0.0020	0.0025	< 0.0020	0.0023	0.032	0.0033	0.0022	< 0.0020	< 0.0019	0.0050	< 0.01	< 0.01
Tetrachlorobiphenyl	NE	NE	< 0.0020	0.035	0.0021	0.015	0.0068	0.011	0.15	0.0089	0.0080	0.0065	0.0063	0.013	< 0.01	< 0.01
Trichlorobiphenyl	NE	NE	< 0.0010	0.017	< 0.0010	0.0050	0.0020	0.0028	0.084	< 0.00095	< 0.0020	< 0.0020	0.0046	0.0029	< 0.005	< 0.005
Total PCB Homologues	0.5	0.5	0.0012	0.063	0.0032	0.022	0.0088	0.016	0.30	0.012	0.0117	0.0081	0.013	0.021	< 0.025	< 0.025

Notes:
 This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
 GWPC = Ground water protection criteria
 SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 <0.01 = Not detected above the specified laboratory reporting limit
 NE = Criterion has not been established
 NA = Not analyzed for specific constituent
 ug/L = microgram per liter
 mg/L = milligram per Liter
 (1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
 (2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AM21 MW-AM21-08212013- 8/21/2013 SB75423	MW-AM21 MW-AM21-11122013- 11/12/2013 SB80244	MW-AM21 MW-AM21-04172014- 4/17/2014 SB87951	MW-AM21 MW-AM21-092314-1 9/23/2014 14090840	MW-AM21 MW-AM21-121614-1 12/16/2014 14120375	MW-AM21 MW-AM21-071515-1 7/15/2015 15070383	MW-AM21 MW-AM21-011216 1/12/2016 16010209	MW-AM21 MW-AM21-041516 4/15/2016 16040347	MW-AM21 MW-AM21-082616 8/26/2016 16080630	MW-AM21 MW-AM21-122016-1 12/20/2016 16L0972	MW-AM21 MW-AM21-20170412- 4/12/2017 17D0656	MW-AM21 MW-AM21-081817-1 8/18/2017 17H1062	MW-AM21 MW-AM21-111617-1 11/16/2017 17K1027	MW-AM21 MW-AM21-030918-1 3/9/2018 18C0412
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	0.067	< 0.050	0.056	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	0.081	< 0.050	0.092	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	0.090	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	0.073	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	0.055	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	0.085	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 0.090	< 0.050	0.083	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	0.087	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0060	< 0.0060	< 0.0060	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	< 0.0040	< 0.0040	< 0.0040	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	0.496	0.497	0.280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	< 0.0020	< 0.0020	< 0.0020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	< 0.0025	< 0.0025	< 0.0025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	88.8	94.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	< 0.0050	< 0.0050	0.0094	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	30.8	38.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	< 0.0075	< 0.0075	< 0.0075	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	23.7	26.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	3.11	4.58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	8.22	7.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.0150	< 0.0150	< 0.0150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	243	190	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	< 0.0050	< 0.0050	0.0132	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AM21 MW-AM21-08212013- 8/21/2013 SB75423	MW-AM21 MW-AM21-11122013- 11/12/2013 SB80244	MW-AM21 MW-AM21-04172014- 4/17/2014 SB87951	MW-AM21 MW-AM21-092314-1 9/23/2014 14090840	MW-AM21 MW-AM21-121614-1 12/16/2014 14120375	MW-AM21 MW-AM21-071515-1 7/15/2015 15070383	MW-AM21 MW-AM21-011216 1/12/2016 16010209	MW-AM21 MW-AM21-041516 4/15/2016 16040347	MW-AM21 MW-AM21-082616 8/26/2016 16080630	MW-AM21 MW-AM21-122016-1 12/20/2016 16L0972	MW-AM21 MW-AM21-20170412- 4/12/2017 17D0656	MW-AM21 MW-AM21-081817-1 8/18/2017 17H1062	MW-AM21 MW-AM21-111617-1 11/16/2017 17K1027	MW-AM21 MW-AM21-030918-1 3/9/2018 18C0412
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0272	< 0.025	< 0.0050	< 0.0051	< 0.0053 UJ	< 0.0050	< 0.0049
Dichlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.00544	< 0.005	< 0.0010	0.0072	< 0.0011 UJ	< 0.0010	< 0.00098
Heptachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0163	< 0.015	< 0.0030	< 0.0031	< 0.0032 UJ	< 0.0030	< 0.0029
Hexachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0109	< 0.01	< 0.0020	< 0.0020	< 0.0021 UJ	< 0.0020	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.00544	< 0.005	< 0.0010	< 0.0010	< 0.0011 UJ	< 0.0010	< 0.00098
Nonachlorobiphenyl	NE	NE	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0272	< 0.025	< 0.0050	< 0.0051	< 0.0053 UJ	< 0.0050	< 0.0049
Octachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0163	< 0.015	< 0.0030	< 0.0031	< 0.0032 UJ	< 0.0030	< 0.0029
Pentachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0109	< 0.01	< 0.0020	< 0.0020	< 0.0021 UJ	< 0.0020	0.0060
Tetrachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0109	< 0.01	< 0.0020	0.015	< 0.0021 UJ	0.0043	0.015
Trichlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.00544	< 0.005	< 0.0010	0.022	< 0.0011 UJ	< 0.0010	0.011
Total PCB Homologues	0.5	0.5	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0272	< 0.025	< 0.0050	0.0442	< 0.0053 UJ	0.0043	0.0221

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AM21 MW-AM21-062718-1 6/27/2018 18F1383	MW-AM21 MW-AM21-092718-1 9/27/2018 18I1338	MW-AM21 MW-AM21-121118-1 12/11/2018 18L0484	MW-AM21 MW-AM21-011720-1 1/17/2020 20A0803	MW-AM21 MW-AM21-040620-1 4/6/2020 20D0235	MW-AM21 MW-AM21-070920-1 7/9/2020 20G0415	MW-AM21 MW-AM21-110420-1 11/4/2020 20K0178	MW-AP11 MW-AP11-021413-1 2/14/2013 SB64640	MW-AP11 MW-AP11-051513-1 5/15/2013 SB69757	MW-AP11 MW-AP11-121714-1 12/17/2014 14I20417	MW-AP11 MW-AP11-122116-1 12/21/2016 16L1029	MW-AP11 MW-AP11-20170412-1 4/12/2017 17D0656	MW-AP11 MW-AP11-030918-1 3/9/2018 18C0412	MW-AP11 MW-AP11-092618-1 9/26/2018 18I1195
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.3	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.3	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.3	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	< 2.00	< 2.00	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	< 2.00	< 2.00	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.066	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	NA	NA	< 0.0060	< 0.0060	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	NA	NA	< 0.0040	< 0.0040	NA	NA	NA	NA	NA
Barium	1	2.2	NA	NA	NA	NA	NA	NA	NA	0.0703	0.0800	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	< 0.0020	< 0.0020	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	NA	NA	< 0.0025	< 0.0025	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	20.9	23.5	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	NA	NA	< 0.0050	0.0086	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	0.443	8.14	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	NA	NA	< 0.0075	< 0.0075	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	5.65	7.00	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	1.10	1.54	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	NA	NA	< 0.00020	< 0.00020	NA	NA	NA	NA	NA
Nickel	0.1	0.88	NA	NA	NA	NA	NA	NA	NA	0.0128	0.0162	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	3.75	4.55	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	NA	NA	< 0.0150	< 0.0150	NA	NA	NA	NA	NA
Silver	0.036	0.012	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	60.1	38.8	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	NA	NA	NA	NA	NA
Zinc	5	0.123	NA	NA	NA	NA	NA	NA	NA	0.0342	0.0796	NA	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AM21 MW-AM21-062718-1 6/27/2018 18F1383	MW-AM21 MW-AM21-092718-1 9/27/2018 18I1338	MW-AM21 MW-AM21-121118-1 12/11/2018 18L0484	MW-AM21 MW-AM21-011720-1 1/17/2020 20A0803	MW-AM21 MW-AM21-040620-1 4/6/2020 20D0235	MW-AM21 MW-AM21-070920-1 7/9/2020 20G0415	MW-AM21 MW-AM21-110420-1 11/4/2020 20K0178	MW-AP11 MW-AP11-021413-1 2/14/2013 SB64640	MW-AP11 MW-AP11-051513-1 5/15/2013 SB69757	MW-AP11 MW-AP11-121714-1 12/17/2014 14I20417	MW-AP11 MW-AP11-122116-1 12/21/2016 16L1029	MW-AP11 MW-AP11-20170412-1 4/12/2017 17D0656	MW-AP11 MW-AP11-030918-1 3/9/2018 18C0412	MW-AP11 MW-AP11-092618-1 9/26/2018 18I1195
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0050	< 0.0049	< 0.0051	< 0.0049	< 0.0050	< 0.0050	< 0.0051	< 0.025	< 0.0253	< 0.025	< 0.0050	< 0.0052	< 0.0053	< 0.0050
Dichlorobiphenyl	NE	NE	0.0015	< 0.00098	< 0.0010	< 0.00097	< 0.0010	< 0.00099	< 0.0010	< 0.005	< 0.00505	< 0.005	< 0.0010	0.0014	0.0017	0.0017
Heptachlorobiphenyl	NE	NE	< 0.0030	< 0.0029	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0031	< 0.015	< 0.0152	< 0.015	< 0.0030	< 0.0031	< 0.0032	< 0.0030
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.0020	< 0.0019	< 0.0020	< 0.0020	< 0.0020	< 0.01	< 0.0101	< 0.01	< 0.0020	< 0.0021	< 0.0021	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.0010	< 0.00098	< 0.0010	< 0.00097	< 0.0010	< 0.00099	< 0.0010	< 0.005	< 0.00505	< 0.005	0.0015	0.0029	< 0.0011	< 0.0010
Nonachlorobiphenyl	NE	NE	< 0.0050	< 0.0049	< 0.0051	< 0.0049	< 0.0050	< 0.0050	< 0.0051	< 0.025	< 0.0253	< 0.025	< 0.0050	< 0.0052	< 0.0053	< 0.0050
Octachlorobiphenyl	NE	NE	< 0.0030	< 0.0029	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0031	< 0.015	< 0.0152	< 0.015	< 0.0030	< 0.0031	< 0.0032	< 0.0030
Pentachlorobiphenyl	NE	NE	< 0.0020	0.012	0.011	0.0034	0.0036	< 0.0020	0.011	< 0.01	< 0.0101	< 0.01	< 0.0020	< 0.0021	< 0.0021	< 0.0020
Tetrachlorobiphenyl	NE	NE	0.0038	0.029	0.027	0.0082	0.0084	0.0047	0.023	< 0.01	< 0.0101	< 0.01	< 0.0020	< 0.0021	< 0.0021	< 0.0020
Trichlorobiphenyl	NE	NE	0.0010	< 0.00098	< 0.0010	< 0.0019	< 0.0020	< 0.0020	< 0.0020	< 0.005	< 0.00505	< 0.005	< 0.0010	< 0.0010	0.0013	< 0.0010
Total PCB Homologues	0.5	0.5	0.0063	0.041	0.038	0.0116	0.012	0.0047	0.034	< 0.025	< 0.0253	< 0.025	0.0015	0.0043	0.003	0.0017

Notes:
 This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
 GWPC = Ground water protection criteria
 SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 <0.01 = Not detected above the specified laboratory reporting limit
 NE = Criterion has not been established
 NA = Not analyzed for specific constituent
 ug/L = microgram per liter
 mg/L = milligram per Liter
 (1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
 (2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AP11 MW-AP11-121118-1 12/11/2018 18L0484	MW-AP11 MW-AP11-041719-1 4/17/2019 19D0928	MW-AP11 MW-AP11-102419-1 10/24/2019 19J1561	MW-AP11 MW-AP11-011720-1 1/17/2020 20A0803	MW-AP11 MW-AP11-040820-1 4/8/2020 20D0340	MW-AP11 MW-AP11-110220-1 11/2/2020 20K0034	MW-AP28 MW-AP28-051513-1 5/15/2013 SB69757	MW-AP28 MW-AP28-08212013-1 8/21/2013 SB75423	MW-AP28 MW-AP28-04162014-1 4/16/2014 SB87783	MW-AP28 MW-AP28-092214-1 9/22/2014 14090840	MW-AP28 MW-AP28-121614-1 12/16/2014 14120375	MW-AP28 MW-AP28-102815 10/28/2015 15100753	MW-AP28 MW-AP28-011116 1/11/2016 16010209	MW-AP28 MW-AP28-041316 4/13/2016 16040311
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	1.85	< 1.00	7.21	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	< 0.050	< 0.090	< 0.050	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	NA	< 0.0060	< 0.0060	< 0.0060	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	NA	< 0.0040	< 0.0040	< 0.0040	NA	NA	NA	NA	NA
Barium	1	2.2	NA	NA	NA	NA	NA	NA	0.320	0.269	0.305	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	NA	< 0.0020	< 0.0020	< 0.0020	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	NA	< 0.0025	< 0.0025	< 0.0025	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	59.2	44.5	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	0.188	0.240	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	NA	< 0.0075	< 0.0075	< 0.0075	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	15.2	12.8	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	0.0580	0.203	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	NA	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA
Nickel	0.1	0.88	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	7.38	7.58	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	NA	< 0.0150	< 0.0150	< 0.0150	NA	NA	NA	NA	NA
Silver	0.036	0.012	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	225	183	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA
Zinc	5	0.123	NA	NA	NA	NA	NA	NA	< 0.0080	0.0086	< 0.0470	NA	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AP11 MW-AP11-121118-1 12/11/2018 18L0484	MW-AP11 MW-AP11-041719-1 4/17/2019 19D0928	MW-AP11 MW-AP11-102419-1 10/24/2019 19J1561	MW-AP11 MW-AP11-011720-1 1/17/2020 20A0803	MW-AP11 MW-AP11-040820-1 4/8/2020 20D0340	MW-AP11 MW-AP11-110220-1 11/2/2020 20K0034	MW-AP28 MW-AP28-051513-1 5/15/2013 SB69757	MW-AP28 MW-AP28-08212013-1 8/21/2013 SB75423	MW-AP28 MW-AP28-04162014-1 4/16/2014 SB87783	MW-AP28 MW-AP28-092214-1 9/22/2014 14090840	MW-AP28 MW-AP28-121614-1 12/16/2014 14120375	MW-AP28 MW-AP28-102815 10/28/2015 15100753	MW-AP28 MW-AP28-011116 1/11/2016 16010209	MW-AP28 MW-AP28-041316 4/13/2016 16040311
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0049	< 0.0051	< 0.0048	< 0.0050	< 0.0049	< 0.0054	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0275
Dichlorobiphenyl	NE	NE	< 0.00098	0.0035	0.0012	< 0.00099	< 0.00098	< 0.0011	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0055
Heptachlorobiphenyl	NE	NE	< 0.0029	< 0.0031	< 0.0029	< 0.0030	< 0.0029	< 0.0032	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0165
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.0019	< 0.0020	< 0.0020	< 0.0022	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.011
Monochlorobiphenyl	NE	NE	< 0.00098	0.0017	< 0.00095	< 0.00099	0.0010	< 0.0011	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0055
Nonachlorobiphenyl	NE	NE	< 0.0049	< 0.0051	< 0.0048	< 0.0050	< 0.0049	< 0.0054	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0275
Octachlorobiphenyl	NE	NE	< 0.0029	< 0.0031	< 0.0029	< 0.0030	< 0.0029	< 0.0032	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0165
Pentachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.0019	< 0.0020	< 0.0020	< 0.0022	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.011
Tetrachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	0.0035	< 0.0020	< 0.0020	< 0.0022	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.011
Trichlorobiphenyl	NE	NE	0.0011	0.0011	0.0043	< 0.0020	< 0.0020	< 0.0022	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0055
Total PCB Homologues	0.5	0.5	0.0011	0.0064	0.0091	< 0.0050	0.001	ND	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0275

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AP28 MW-AP28-082316 8/23/2016 16080598	MW-AP28 MW-AP28-122016-1 12/20/2016 16L0972	MW-AP28 MW-AP28-20170412- 4/12/2017 17D0505	MW-AP28 MW-AP28-081717-1 8/17/2017 17H1062	MW-AP28 MW-AP28-111617-1 11/16/2017 17K1027	MW-AP28 MW-AP28-062718-1 6/27/2018 18F1384	MW-AP28 MW-AP28-092718-1 9/27/2018 18I1258	MW-AP28 MW-AP28-121018-1 12/10/2018 18L0420	MW-AV17 MW-AV17-021413-1 2/14/2013 SB64640	MW-AV17 MW-AV17-051613-1 5/16/2013 SB69757	MW-AV17 MW-AV17-08212013- 8/21/2013 SB75423	MW-AV17 MW-AV17-11132013- 11/13/2013 SB80244	MW-AV17 MW-AV17-04182014- 4/18/2014 SB87951	MW-AV17 MW-AV17-092314-1 9/23/2014 14090840
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.025	< 0.0050	< 0.0052	< 0.0051 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.025	< 0.0278	< 0.025	< 0.025	< 0.025	< 0.025
Dichlorobiphenyl	NE	NE	< 0.005	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.0010	0.0029	< 0.0010	< 0.00099	< 0.005	< 0.00556	< 0.005	< 0.005	< 0.005	< 0.005
Heptachlorobiphenyl	NE	NE	< 0.015	< 0.0030	< 0.0031	< 0.0031 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.015	< 0.0167	< 0.015	< 0.015	< 0.015	< 0.015
Hexachlorobiphenyl	NE	NE	< 0.01	< 0.0020	< 0.0021	< 0.0020 UJ	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.01	< 0.0111	< 0.01	< 0.01	< 0.01	< 0.01
Monochlorobiphenyl	NE	NE	< 0.005	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.0010	0.0029	< 0.0010	< 0.00099	< 0.005	< 0.00556	< 0.005	< 0.005	< 0.005	< 0.005
Nonachlorobiphenyl	NE	NE	< 0.025	< 0.0050	< 0.0052	< 0.0051 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.025	< 0.0278	< 0.025	< 0.025	< 0.025	< 0.025
Octachlorobiphenyl	NE	NE	< 0.015	< 0.0030	< 0.0031	< 0.0031 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.015	< 0.0167	< 0.015	< 0.015	< 0.015	< 0.015
Pentachlorobiphenyl	NE	NE	< 0.01	< 0.0020	< 0.0021	< 0.0020 UJ	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.01	< 0.0111	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachlorobiphenyl	NE	NE	< 0.01	< 0.0020	< 0.0021	< 0.0020 UJ	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.01	< 0.0111	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorobiphenyl	NE	NE	< 0.005	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.0010	< 0.00098	< 0.0010	< 0.00099	< 0.005	< 0.00556	< 0.005	< 0.005	< 0.005	< 0.005
Total PCB Homologues	0.5	0.5	< 0.025	< 0.0050	< 0.0052	< 0.0051 UJ	< 0.0050	0.0058	ND	ND	< 0.025	< 0.0278	< 0.025	< 0.025	< 0.025	< 0.025

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AV17 MW-AV17-121814-1 12/18/2014 14120427	MW-AV17 MW-AV17-071515-1 7/15/2015 15070383	MW-AV17 MW-AV17-011216 1/12/2016 16010209	MW-AV17 MW-AV17-041516 4/15/2016 16040347	MW-AV17 MW-AV17-082516 8/25/2016 16080629	MW-AV17 MW-AV17-122216-1 12/22/2016 16L1122	MW-AV17 MW-AV17-20170411- 4/11/2017 17D0505	MW-AV17 MW-AV17-081817-1 8/18/2017 17H1062	MW-AV17 MW-AV17-111517-1 11/15/2017 17K0912	MW-AV17 MW-AV17-030918-1 3/9/2018 18C0412	MW-AV17 MW-AV17-062718-1 6/27/2018 18F1384	MW-AV17 MW-AV17-092718-1 9/27/2018 18I1258	MW-AV17 MW-AV17-121118-1 12/11/2018 18L0484	MW-AV17 MW-AV17-041819-1 4/18/2019 19D0971
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AV17 MW-AV17-121814-1 12/18/2014 14120427	MW-AV17 MW-AV17-071515-1 7/15/2015 15070383	MW-AV17 MW-AV17-011216 1/12/2016 16010209	MW-AV17 MW-AV17-041516 4/15/2016 16040347	MW-AV17 MW-AV17-082516 8/25/2016 16080629	MW-AV17 MW-AV17-122216-1 12/22/2016 16L1122	MW-AV17 MW-AV17-20170411- 4/11/2017 17D0505	MW-AV17 MW-AV17-081817-1 8/18/2017 17H1062	MW-AV17 MW-AV17-111517-1 11/15/2017 17K0912	MW-AV17 MW-AV17-030918-1 3/9/2018 18C0412	MW-AV17 MW-AV17-062718-1 6/27/2018 18F1384	MW-AV17 MW-AV17-092718-1 9/27/2018 18I1258	MW-AV17 MW-AV17-121118-1 12/11/2018 18L0484	MW-AV17 MW-AV17-041819-1 4/18/2019 19D0971
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.047	< 0.040	< 0.039
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.025	< 0.025	< 0.0255	< 0.0278	< 0.0253	< 0.0050	< 0.0050	< 0.0052 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0050	< 0.0049
Dichlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.0051	< 0.00556	< 0.00505	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.0010	< 0.00097	< 0.0010	< 0.0010	< 0.00099	< 0.00098
Heptachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.0153	< 0.0167	< 0.0152	< 0.0030	< 0.0030	< 0.0031 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0030	< 0.0029
Hexachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.0102	< 0.0111	< 0.0101	< 0.0020	< 0.0020	< 0.0021 UJ	< 0.0020	< 0.0019	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.0051	< 0.00556	< 0.00505	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.0010	< 0.00097	< 0.0010	< 0.0010	< 0.00099	< 0.00098
Nonachlorobiphenyl	NE	NE	< 0.025	< 0.025	< 0.0255	< 0.0278	< 0.0253	< 0.0050	< 0.0050	< 0.0052 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0050	< 0.0049
Octachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.0153	< 0.0167	< 0.0152	< 0.0030	< 0.0030	< 0.0031 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0030	< 0.0029
Pentachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.0102	< 0.0111	< 0.0101	< 0.0020	< 0.0020	< 0.0021 UJ	< 0.0020	< 0.0019	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Tetrachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.0102	< 0.0111	< 0.0101	< 0.0020	< 0.0020	< 0.0021 UJ	< 0.0020	< 0.0019	< 0.0020	0.0063	< 0.0020	< 0.0020
Trichlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.0051	< 0.00556	< 0.00505	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.0010	< 0.00097	< 0.0010	< 0.0010	< 0.00099	< 0.00098
Total PCB Homologues	0.5	0.5	< 0.025	< 0.025	< 0.0255	< 0.0278	< 0.0253	< 0.0050	< 0.0050	< 0.0052 UJ	< 0.0050	< 0.0049	< 0.0050	0.0063	ND	ND

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AV17 MW-AV17-071819-1 7/18/2019 19G0975	MW-AV17 MW-AV17-102419-1 10/24/2019 19J1561	MW-AV17 MW-AV17-011720-1 1/17/2020 20A0803	MW-AV17 MW-AV17-040620-1 4/6/2020 20D0235	MW-AV17 MW-AV17-070920-1 7/9/2020 20G0415	MW-AV17 MW-AV17-110520-1 11/5/2020 20K0256	MW-AY20 MW-AY20-011720-1 1/17/2020 20A0803	MW-AY20 MW-AY20-040620-1 4/6/2020 20D0235	MW-AY20 MW-AY20-110420-1 11/4/2020 20K0178	MW-BB34 MW-BB34-021213-1 2/12/2013 SB64419	MW-BB34 MW-BB34-051413-1 5/14/2013 13050361	MW-BB34 MW-BB34-051413-1 5/14/2013 SB69668	MW-BB34 MW-BB34-08212013-1 8/21/2013 SB75423	MW-BB34 MW-BB34-11122013-1 11/12/2013 SB80164
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	NA	< 0.2	< 0.2	< 0.2
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	NA	< 0.2	< 0.2	< 0.2
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	NA	< 0.2	< 0.2	< 0.2
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	NA	< 1.00	< 1.00	< 1.00
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10.0	NA	< 10.0	< 10.0	< 10.0
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	NA	< 1.00	< 1.00	< 1.00
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.00	NA	< 2.00	< 2.00	< 2.00
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.45	NA	1.59	1.66	5.12
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	NA	< 1.00	< 1.00	< 1.00
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	NA	< 1.00	< 1.00	< 1.00
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	NA	< 1.00	< 1.00	< 1.00
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.68	NA	< 2.00	< 2.00	< 2.00
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	NA	< 1.00	< 1.00	< 1.00
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.00	NA	< 1.00	< 1.00	< 1.00
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.050	< 0.050
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.050	< 0.050
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.050	< 0.050
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.050	< 0.050
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.050	< 0.050
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.050	< 0.050
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.050	< 0.050
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.050	< 0.050
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.050	< 0.050
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.050	< 0.050
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.050	< 0.050
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.050	< 0.050
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.050	< 0.050
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.050	< 0.050
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.050	< 0.050
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.090	< 0.050
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.050	< 0.050
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	NA	< 0.050	< 0.050	< 0.050
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0060	NA	< 0.0060	< 0.0060	< 0.0060
Arsenic	0.05	0.004	NA	NA	< 0.00080	< 0.00080	< 0.00080	< 0.00080	0.0032	0.0027	< 0.00080	< 0.0040	NA	< 0.0040	< 0.0040	< 0.0040
Barium	1	2.2	NA	NA	0.091	0.11	0.12	0.12	0.18	0.23	0.34	0.610	NA	0.476	0.561	0.628
Beryllium	0.004	0.004	NA	NA	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.0020	NA	< 0.0020	< 0.0020	< 0.0020
Cadmium	0.005	0.006	NA	NA	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.0025	NA	< 0.0025	< 0.0025	0.0034
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	249	NA	234	221	303
Chromium	0.05	NE	NA	NA	< 0.0010	< 0.0010	0.0013	0.0018	< 0.0010	0.0011	0.0011	< 0.0050	NA	< 0.0050	< 0.0050	< 0.0050
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	0.011	0.011	0.012	0.018	< 0.0010	0.0014	0.0016	< 0.0050	NA	< 0.0050	< 0.0050	< 0.0050
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.448	NA	0.0856	0.0938	< 0.0150
Lead	0.015	0.013	NA	NA	< 0.00050	< 0.00050	< 0.00050	< 0.00050	0.00082	0.0024	< 0.00050	< 0.0075	NA	< 0.0075	< 0.0075	< 0.0075
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	107	NA	107	106	128
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.80	NA	3.34	3.98	6.06
Mercury	0.002	0.0004	NA	NA	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00020	NA	< 0.00020	< 0.00020	< 0.00020
Nickel	0.1	0.88	NA	NA	< 0.0050	< 0.0050	< 0.0050	0.0058	< 0.0050	< 0.0050	< 0.0050	0.0122	NA	0.0127	0.0130	0.0224
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.9	NA	11.8	14.5	15.2
Selenium	0.05	0.05	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0150	NA	< 0.0150	< 0.0150	< 0.0150
Silver	0.036	0.012	NA	NA	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.0050	NA	< 0.0050	< 0.0050	< 0.0050
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	224	NA	146	205	204

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-AV17 MW-AV17-071819-1 7/18/2019 19G0975	MW-AV17 MW-AV17-102419-1 10/24/2019 19J1561	MW-AV17 MW-AV17-011720-1 1/17/2020 20A0803	MW-AV17 MW-AV17-040620-1 4/6/2020 20D0235	MW-AV17 MW-AV17-070920-1 7/9/2020 20G0415	MW-AV17 MW-AV17-110520-1 11/5/2020 20K0256	MW-AY20 MW-AY20-011720-1 1/17/2020 20A0803	MW-AY20 MW-AY20-040620-1 4/6/2020 20D0235	MW-AY20 MW-AY20-110420-1 11/4/2020 20K0178	MW-BB34 MW-BB34-021213-1 2/12/2013 SB64419	MW-BB34 MW-BB34-051413-1 5/14/2013 13050361	MW-BB34 MW-BB34-051413-1 5/14/2013 SB69668	MW-BB34 MW-BB34-08212013-1 8/21/2013 SB75423	MW-BB34 MW-BB34-11122013-1 11/12/2013 SB80164
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	< 0.040	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0051	< 0.0048	< 0.0049	< 0.0050	< 0.0049	< 0.0052	< 0.0049	< 0.0050	< 0.0052	< 0.025	< 0.025	NA	< 0.025	< 0.025
Dichlorobiphenyl	NE	NE	< 0.0010	< 0.00095	< 0.00097	< 0.0010	< 0.00097	< 0.0010	0.0011	0.0015	0.45	< 0.005	< 0.005	NA	< 0.005	< 0.005
Heptachlorobiphenyl	NE	NE	< 0.0030	< 0.0029	< 0.0029	< 0.0030	< 0.0029	< 0.0031	< 0.0029	< 0.0030	< 0.0031	< 0.015	< 0.015	NA	< 0.015	< 0.015
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0019	< 0.0019	< 0.0020	< 0.0019	< 0.0021	< 0.0019	< 0.0020	< 0.0021	< 0.01	< 0.01	NA	< 0.01	< 0.01
Monochlorobiphenyl	NE	NE	< 0.0010	< 0.00095	< 0.00097	< 0.0010	< 0.00097	< 0.0010	< 0.00097	< 0.0010	0.20	< 0.005	< 0.005	NA	< 0.005	< 0.005
Nonachlorobiphenyl	NE	NE	< 0.0051	< 0.0048	< 0.0049	< 0.0050	< 0.0049	< 0.0052	< 0.0049	< 0.0050	< 0.0052	< 0.025	< 0.025	NA	< 0.025	< 0.025
Octachlorobiphenyl	NE	NE	< 0.0030	< 0.0029	< 0.0029	< 0.0030	< 0.0029	< 0.0031	< 0.0029	< 0.0030	< 0.0031	< 0.015	< 0.015	NA	< 0.015	< 0.015
Pentachlorobiphenyl	NE	NE	< 0.0020	< 0.0019	< 0.0019	< 0.0020	< 0.0019	< 0.0021	< 0.0019	< 0.0020	< 0.0021	< 0.01	< 0.01	NA	< 0.01	< 0.01
Tetrachlorobiphenyl	NE	NE	< 0.0020	0.0030	< 0.0019	< 0.0020	< 0.0019	< 0.0021	< 0.0019	0.0042	0.039	< 0.01	< 0.01	NA	< 0.01	< 0.01
Trichlorobiphenyl	NE	NE	< 0.0010	< 0.00095	< 0.0019	< 0.0020	< 0.0019	< 0.0021	< 0.0019	< 0.0020	0.15	< 0.005	< 0.005	NA	< 0.005	< 0.005
Total PCB Homologues	0.5	0.5	ND	0.0030	< 0.0049	< 0.0050	< 0.0049	ND	0.0011	0.0057	0.84	< 0.025	< 0.025	NA	< 0.025	< 0.025

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-BB34 MW-BB34-04162014- 4/16/2014 SB87783	MW-BB34 MW-BB34-092214-1 9/22/2014 14090840	MW-BB34 MW-BB34-121614-1 12/16/2014 14120375	MW-BB34 MW-BB34-011116 1/11/2016 16010209	MW-BB34 MW-BB34-041316 4/13/2016 16040311	MW-BB34 MW-BB34-082316 8/23/2016 16080598	MW-BB34 MW-BB34-122016-1 12/20/2016 16L0972	MW-BB34 MW-BB34-20170412- 4/12/2017 17D0505	MW-BB34 MW-BB34-081717-1 8/17/2017 17H1062	MW-BB34 MW-BB34-111617-1 11/16/2017 17K1027	MW-BB34 MW-BB34-03052018- 3/6/2018 18C0227	MW-D4 MW-D4-041519-1 4/15/2019 19D0788	MW-D4 MW-D4-071519-1 7/15/2019 19G0662	MW-D4 MW-D4-102219-1 10/22/2019 19J1349
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.15	< 0.15	0.18
Total Petroleum Hydrocarbons	0.25	0.25	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA
Acetone	700	10000	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA
Chloroform	6	14100	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA
Chloromethane	18	10000	< 2.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.60	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	1.39	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA
Naphthalene	280	210	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA
p-Isopropyltoluene	25	200	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA
Tetrachloroethylene	5	88	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
Tetrahydrofuran	4	9600	< 2.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA
Toluene	1000	4000000	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
Trichloroethene	5	2340	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.1
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.31	< 0.30	< 0.32
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	< 0.20	< 0.22
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	< 0.20	< 0.22
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.051	< 0.050	< 0.054
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.11
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.051	< 0.050	< 0.054
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.51	< 0.50	< 0.54
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	< 0.20	< 0.22
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	< 0.20	< 0.22
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.11
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.51	< 0.50	< 0.54
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.1
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.11
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.1
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.051	< 0.050	< 0.054
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.1
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0060	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0010	< 0.0010	< 0.0010
Arsenic	0.05	0.004	< 0.0040	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00058	< 0.00080	< 0.00080
Barium	1	2.2	1.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.21	0.33	0.23
Beryllium	0.004	0.004	< 0.0020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00040	< 0.00040	< 0.00040
Cadmium	0.005	0.006	< 0.0025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00050	< 0.00020	< 0.00020
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0010	< 0.0010	< 0.0010
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	0.0198	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	0.0022	0.0025
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	< 0.0075	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0010	< 0.00050	< 0.00050
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.00020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00010	< 0.00010	< 0.00010
Nickel	0.1	0.88	0.0512	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	0.0060	0.0061
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.0150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050
Silver	0.036	0.012	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00050	< 0.00020	< 0.00020
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00020	< 0.00020	< 0.00020
Vanadium	0.05	0.27	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050
Zinc	5	0.123	< 0.0470	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.01	< 0.01	< 0.01

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-BB34 MW-BB34-04162014- 4/16/2014 SB87783	MW-BB34 MW-BB34-092214-1 9/22/2014 14090840	MW-BB34 MW-BB34-121614-1 12/16/2014 14120375	MW-BB34 MW-BB34-011116 1/11/2016 16010209	MW-BB34 MW-BB34-041316 4/13/2016 16040311	MW-BB34 MW-BB34-082316 8/23/2016 16080598	MW-BB34 MW-BB34-122016-1 12/20/2016 16L0972	MW-BB34 MW-BB34-20170412- 4/12/2017 17D0505	MW-BB34 MW-BB34-081717-1 8/17/2017 17H1062	MW-BB34 MW-BB34-111617-1 11/16/2017 17K1027	MW-BB34 MW-BB34-03052018- 3/6/2018 18C0227	MW-D4 MW-D4-041519-1 4/15/2019 19D0788	MW-D4 MW-D4-071519-1 7/15/2019 19G0662	MW-D4 MW-D4-102219-1 10/22/2019 19J1349
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0275	< 0.025	< 0.0050	< 0.0050	< 0.0053 UJ	< 0.0048	< 0.0052	< 0.0048	< 0.0051	< 0.0052
Dichlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0055	< 0.005	< 0.0010	< 0.0010	< 0.0011 UJ	< 0.00096	< 0.0010	< 0.00096	< 0.0010	< 0.0010
Heptachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0165	< 0.015	< 0.0030	< 0.0030	< 0.0032 UJ	< 0.0029	< 0.0031	< 0.0029	< 0.0031	< 0.0031
Hexachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.011	< 0.01	< 0.0020	< 0.0020	< 0.0021 UJ	< 0.0019	< 0.0021	< 0.0019	< 0.0020	< 0.0021
Monochlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0055	< 0.005	< 0.0010	< 0.0010	< 0.0011 UJ	< 0.00096	< 0.0010	< 0.00096	< 0.0010	< 0.0010
Nonachlorobiphenyl	NE	NE	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0275	< 0.025	< 0.0050	< 0.0050	< 0.0053 UJ	< 0.0048	< 0.0052	< 0.0048	< 0.0051	< 0.0052
Octachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0165	< 0.015	< 0.0030	< 0.0030	< 0.0032 UJ	< 0.0029	< 0.0031	< 0.0029	< 0.0031	< 0.0031
Pentachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.011	< 0.01	< 0.0020	< 0.0020	< 0.0021 UJ	< 0.0019	< 0.0021	< 0.0019	< 0.0020	< 0.0021
Tetrachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.011	< 0.01	< 0.0020	< 0.0020	< 0.0021 UJ	< 0.0019	< 0.0021	< 0.0019	< 0.0020	< 0.0021
Trichlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0055	< 0.005	< 0.0010	< 0.0010	< 0.0011 UJ	< 0.00096	0.0012	< 0.00096	< 0.0010	< 0.0010
Total PCB Homologues	0.5	0.5	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0275	< 0.025	< 0.0050	< 0.0050	< 0.0053 UJ	< 0.0048	0.0012	ND	ND	ND

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-D4 MW-D4-012020-1 1/20/2020 20A0896	MW-D4 MW-D4-040720-1 4/7/2020 20D0295	MW-D4 MW-D4-070820-1 7/8/2020 20G0356	MW-D4 MW-D4-110920-1 11/9/2020 20K0376	MW-F35 MW-F35-021313-1 2/13/2013 SB64486	MW-F35 MW-F35-051413-1 5/14/2013 SB69540	MW-F35 MW-F35-08192013-1 8/19/2013 SB75322	MW-F35 MW-F35-11122013-1 11/12/2013 SB80164	MW-F35 MW-F35-04162014-1 4/16/2014 SB87783	MW-F35 MW-F35-092214-1 9/22/2014 14090840	MW-F35 MW-F35-121614-1 12/16/2014 14120375	MW-F35 MW-F35-071415-1 7/14/2015 15070370	MW-F35 MW-F35-102615 10/26/2015 15100668	MW-F35 MW-F35-011416 1/14/2016 16010233
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	< 0.15	< 0.14	< 0.14	< 0.15	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	< 0.95	< 0.97	< 0.97	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	< 0.28	< 0.29	< 0.29	< 0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	< 0.19	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	< 0.19	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	< 0.047	< 0.049	< 0.049	< 0.049	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	< 0.095	< 0.097	< 0.097	< 0.097	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.047	< 0.049	< 0.049	< 0.049	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	< 0.47	< 0.49	< 0.49	< 0.49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.19	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	< 0.19	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.095	< 0.097	< 0.097	< 0.097	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	< 0.47	< 0.49	< 0.49	< 0.49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	< 0.95	< 0.97	< 0.97	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.095	< 0.097	< 0.097	< 0.097	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 0.95	< 0.97	< 0.97	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	< 0.047	< 0.049	< 0.049	< 0.049	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	< 0.95	< 0.97	< 0.97	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	NA	NA	NA	NA	NA
Barium	1	2.2	0.26	0.28	0.22	0.13	0.453	0.201	0.162	0.158	0.327	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	115	66.6	52.4	52.2	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	< 0.0010	< 0.0010	0.0017	0.0015	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	0.0019	0.0027	0.0029	0.0023	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	0.0798	0.0358	0.403	0.125	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	27.8	18.6	13.6	14.4	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	2.22	2.64	2.37	3.32	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA
Nickel	0.1	0.88	0.0057	0.0072	< 0.0050	< 0.0050	0.0071	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	12.3	7.80	7.84	6.40	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0150	< 0.0150	< 0.0150	< 0.0150	< 0.0150	NA	NA	NA	NA	NA
Silver	0.036	0.012	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA
Sodium	NE	NE	NA													

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-D4 MW-D4-012020-1 1/20/2020 20A0896	MW-D4 MW-D4-040720-1 4/7/2020 20D0295	MW-D4 MW-D4-070820-1 7/8/2020 20G0356	MW-D4 MW-D4-110920-1 11/9/2020 20K0376	MW-F35 MW-F35-021313-1 2/13/2013 SB64486	MW-F35 MW-F35-051413-1 5/14/2013 SB69540	MW-F35 MW-F35-08192013-1 8/19/2013 SB75322	MW-F35 MW-F35-11122013-1 11/12/2013 SB80164	MW-F35 MW-F35-04162014-1 4/16/2014 SB87783	MW-F35 MW-F35-092214-1 9/22/2014 14090840	MW-F35 MW-F35-121614-1 12/16/2014 14120375	MW-F35 MW-F35-071415-1 7/14/2015 15070370	MW-F35 MW-F35-102615 10/26/2015 15100668	MW-F35 MW-F35-011416 1/14/2016 16010233
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0048	< 0.0047	< 0.0048	< 0.0049	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.026
Dichlorobiphenyl	NE	NE	< 0.00096	0.00099	< 0.00096	< 0.00098	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.0271	< 0.00521
Heptachlorobiphenyl	NE	NE	< 0.0029	< 0.0028	< 0.0029	< 0.0029	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0156
Hexachlorobiphenyl	NE	NE	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0104
Monochlorobiphenyl	NE	NE	< 0.00096	0.0037	0.0027	< 0.00098	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.00521
Nonachlorobiphenyl	NE	NE	< 0.0048	< 0.0047	< 0.0048	< 0.0049	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.026
Octachlorobiphenyl	NE	NE	< 0.0029	< 0.0028	< 0.0029	< 0.0029	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0156
Pentachlorobiphenyl	NE	NE	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0104
Tetrachlorobiphenyl	NE	NE	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0104
Trichlorobiphenyl	NE	NE	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.00521
Total PCB Homologues	0.5	0.5	< 0.0048	0.0046	0.0027	< 0.0049	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	0.0271	< 0.025

Notes:
 This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
 GWPC = Ground water protection criteria
 SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 <0.01 = Not detected above the specified laboratory reporting limit
 NE = Criterion has not been established
 NA = Not analyzed for specific constituent
 ug/L = microgram per liter
 mg/L = milligram per Liter
 (1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
 (2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-F35 MW-F35-041216 4/12/2016 16040249	MW-F35 MW-F35-082516 8/25/2016 16080629	MW-F35 MW-F35-122016-1 12/20/2016 16L0972	MW-F35 MW-F35-20170413-1 4/13/2017 17D0656	MW-F35 MW-F35-081717-1 8/17/2017 17H1062	MW-F35 MW-F35-111617-1 11/16/2017 17K1027	MW-F35 MW-F35-030818-1 3/6/2018 18C0346	MW-F35 MW-F35-062918-1 6/29/2018 18G0022	MW-F35 MW-F35-092818-1 9/28/2018 18I1338	MW-F35 MW-F35-121018-1 12/10/2018 18L0420	MW-H29 MW-H29-041519-1 4/15/2019 19D0788	MW-H29 MW-H29-071519-1 7/15/2019 19G0662	MW-H29 MW-H29-102219-1 10/22/2019 19J1349	MW-H29 MW-H29-012020-1 1/20/2020 20A0896
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.21	0.19	0.35	0.23
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.60	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 0.95
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.30	< 0.30	< 0.30	< 0.28
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	< 0.20	< 0.20	< 0.19
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	< 0.20	< 0.20	< 0.19
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.047
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.10	< 0.095
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.047
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50	< 0.50	< 0.47
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	< 0.20	< 0.20	< 0.19
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	< 0.20	< 0.20	< 0.19
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.10	< 0.095
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50	< 0.50	< 0.47
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 0.95
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.10	< 0.095
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 0.95
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.047
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	< 1.0	< 0.95
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.014	0.02	0.022	0.012
Barium	1	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.33	0.36	0.4	0.26
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00040	< 0.00040	< 0.00040	< 0.00040
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00050	< 0.00020	< 0.00020	< 0.00020
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0015	< 0.0010	0.0018	0.0011
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0010	0.0014	< 0.0010
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0013	< 0.00050	0.0014	0.00058
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Nickel	0.1	0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	0.0051	0.0070	< 0.0050
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Silver	0.036	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00050	< 0.00020	< 0.00020	< 0.00020
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Vanadium	0.05	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Zinc	5	0.123	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.01	< 0.01	< 0.01	< 0.01

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-F35 MW-F35-041216 4/12/2016 16040249	MW-F35 MW-F35-082516 8/25/2016 16080629	MW-F35 MW-F35-122016-1 12/20/2016 16L0972	MW-F35 MW-F35-20170413-1 4/13/2017 17D0656	MW-F35 MW-F35-081717-1 8/17/2017 17H1062	MW-F35 MW-F35-111617-1 11/16/2017 17K1027	MW-F35 MW-F35-030818-1 3/6/2018 18C0346	MW-F35 MW-F35-062918-1 6/29/2018 18G0022	MW-F35 MW-F35-092818-1 9/28/2018 18I1338	MW-F35 MW-F35-121018-1 12/10/2018 18L0420	MW-H29 MW-H29-041519-1 4/15/2019 19D0788	MW-H29 MW-H29-071519-1 7/15/2019 19G0662	MW-H29 MW-H29-102219-1 10/22/2019 19J1349	MW-H29 MW-H29-012020-1 1/20/2020 20A0896
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0266	< 0.0266	< 0.0050	< 0.0050	< 0.0051 UJ	< 0.0047	< 0.0050	< 0.0051	< 0.0045	NA	< 0.0049	< 0.0051	< 0.0049	< 0.0048
Dichlorobiphenyl	NE	NE	< 0.00532	< 0.00532	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.00095	< 0.0010	< 0.0010	0.0056	NA	0.0022	< 0.0010	< 0.00097	< 0.00096
Heptachlorobiphenyl	NE	NE	< 0.016	< 0.016	< 0.0030	< 0.0030	< 0.0031 UJ	< 0.0028	< 0.0030	< 0.0030	< 0.0027	NA	< 0.0029	< 0.0030	< 0.0029	< 0.0029
Hexachlorobiphenyl	NE	NE	< 0.0106	< 0.0106	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0020	< 0.0020	< 0.0018	NA	< 0.0020	< 0.0020	< 0.0019	< 0.0019
Monochlorobiphenyl	NE	NE	< 0.00532	< 0.00532	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.00095	< 0.0010	< 0.0010	0.0011	NA	< 0.00098	< 0.0010	< 0.00097	< 0.00096
Nonachlorobiphenyl	NE	NE	< 0.0266	< 0.0266	< 0.0050	< 0.0050	< 0.0051 UJ	< 0.0047	< 0.0050	< 0.0051	< 0.0045	NA	< 0.0049	< 0.0051	< 0.0049	< 0.0048
Octachlorobiphenyl	NE	NE	< 0.016	< 0.016	< 0.0030	< 0.0030	< 0.0031 UJ	< 0.0028	< 0.0030	< 0.0030	< 0.0027	NA	< 0.0029	< 0.0030	< 0.0029	< 0.0029
Pentachlorobiphenyl	NE	NE	< 0.0106	< 0.0106	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0020	< 0.0020	< 0.0018	NA	< 0.0020	< 0.0020	< 0.0019	< 0.0019
Tetrachlorobiphenyl	NE	NE	< 0.0106	< 0.0106	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0020	< 0.0020	< 0.0018	NA	< 0.0020	< 0.0020	< 0.0019	< 0.0019
Trichlorobiphenyl	NE	NE	< 0.00532	< 0.00532	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.00095	< 0.0010	< 0.0010	0.0062	NA	< 0.00098	< 0.0010	< 0.00097	< 0.0019
Total PCB Homologues	0.5	0.5	< 0.0266	< 0.0266	< 0.0050	< 0.0050	< 0.0051 UJ	< 0.0047	< 0.0050	< 0.0051	0.013	NA	0.0022	ND	ND	< 0.0048

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-H29 MW-H29-040720-1 4/7/2020 20D0295	MW-H29 MW-H29-070920-1 7/9/2020 20G0415	MW-H29 MW-H29-110920-1 11/9/2020 20K0376	MW-L25 MW-L25-021313-1 2/13/2013 SB64486	MW-L25 MW-L25-051413-1 5/14/2013 SB69540	MW-L25 MW-L25-08192013-1 8/19/2013 SB75322	MW-L25 MW-L25-11122013-1 11/12/2013 SB80164	MW-L25 MW-L25-04162014-1 4/16/2014 SB87783	MW-L25 MW-L25-092314-1 9/23/2014 14090840	MW-L25 MW-L25-121614-1 12/16/2014 14120375	MW-L25 MW-L25-071415-1 7/14/2015 15070370	MW-L25 MW-L25-102915 10/29/2015 15100753	MW-L25 MW-L25-011416 1/14/2016 16010233	MW-L25 MW-L25-041216 4/12/2016 16040249
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	0.24	0.28	0.17	< 0.3	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	< 0.3	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	< 0.3	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	< 0.97	< 1.1	< 0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	< 0.29	< 0.32	< 0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	< 0.19	< 0.21	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	< 0.19	< 0.21	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	< 0.049	< 0.053	< 0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	< 0.097	< 0.11	< 0.096	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.049	< 0.053	< 0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	< 0.49	< 0.53	< 0.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.19	< 0.21	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	< 0.19	< 0.21	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.097	< 0.11	< 0.096	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	< 0.49	< 0.53	< 0.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	< 0.97	< 1.1	< 0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.097	< 0.11	< 0.096	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 0.97	< 1.1	< 0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	< 0.049	< 0.053	< 0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	< 0.97	< 1.1	< 0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0010	< 0.0010	< 0.0010	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	0.012	0.02	< 0.00080	0.0047	0.0088	< 0.0040	< 0.0040	< 0.0040	NA	NA	NA	NA	NA	NA
Barium	1	2.2	0.26	0.42	1.1	0.834	0.146	0.265	0.359	0.790	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	< 0.00040	< 0.00040	< 0.00040	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	< 0.00020	< 0.00020	< 0.00020	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	148	51.8	74.8	142	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	< 0.0010	0.0014	0.0014	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	0.0013	0.0010	0.004	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0062	NA	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	10.5	6.55	0.968	0.0748	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	0.00070	< 0.00050	< 0.00050	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	28.9	11.8	15.9	29.6	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	10.7	3.76	2.73	0.205	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.00010	< 0.00010	< 0.00010	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	0.0056	< 0.0050	0.011	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	15.1	6.26	10.7	12.5	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.0050	< 0.0050	< 0.0050	< 0.0150	< 0.0150	< 0.0150	< 0.0150	< 0.0150	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	< 0.00020	< 0.00020	< 0.00020	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	610	101	292	290	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	< 0.00020	< 0.00020	< 0.00020	0.0076	< 0.0050	< 0.0050	< 0.0050</							

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-H29 MW-H29-040720-1 4/7/2020 20D0295	MW-H29 MW-H29-070920-1 7/9/2020 20G0415	MW-H29 MW-H29-110920-1 11/9/2020 20K0376	MW-L25 MW-L25-021313-1 2/13/2013 SB64486	MW-L25 MW-L25-051413-1 5/14/2013 SB69540	MW-L25 MW-L25-08192013-1 8/19/2013 SB75322	MW-L25 MW-L25-11122013-1 11/12/2013 SB80164	MW-L25 MW-L25-04162014-1 4/16/2014 SB87783	MW-L25 MW-L25-092314-1 9/23/2014 14090840	MW-L25 MW-L25-121614-1 12/16/2014 14120375	MW-L25 MW-L25-071415-1 7/14/2015 15070370	MW-L25 MW-L25-102915 10/29/2015 15100753	MW-L25 MW-L25-011416 1/14/2016 16010233	MW-L25 MW-L25-041216 4/12/2016 16040249
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0049	< 0.0048	< 0.0049	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Dichlorobiphenyl	NE	NE	< 0.00098	< 0.00096	< 0.00097	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Heptachlorobiphenyl	NE	NE	< 0.0029	< 0.0029	< 0.0029	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0019	< 0.0019	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Monochlorobiphenyl	NE	NE	< 0.00098	< 0.00096	< 0.00097	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nonachlorobiphenyl	NE	NE	< 0.0049	< 0.0048	< 0.0049	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Octachlorobiphenyl	NE	NE	< 0.0029	< 0.0029	< 0.0029	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Pentachlorobiphenyl	NE	NE	< 0.0020	< 0.0019	< 0.0019	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachlorobiphenyl	NE	NE	< 0.0020	< 0.0019	< 0.0019	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorobiphenyl	NE	NE	< 0.0020	< 0.0019	< 0.0019	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total PCB Homologues	0.5	0.5	< 0.0049	< 0.0048	< 0.0049	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-L25 MW-L25-082516 8/25/2016 16080629	MW-L25 MW-L25-122216-1 12/22/2016 16L1122	MW-L25 MW-L25-20170412 4/12/2017 17D0656	MW-L25 MW-L25-081617-1 8/16/2017 17H1062	MW-L25 MW-L25-111617-1 11/16/2017 17K1027	MW-L25 MW-L25-030818-1 3/6/2018 18C0346	MW-L25 MW-L25-062818-1 6/28/2018 18F1460	MW-L25 MW-L25-092818-1 9/28/2018 18I1338	MW-L25 MW-L25-121118-1 12/11/2018 18L0484	MW-L25 MW-L25-071619-1 7/16/2019 19G0869	MW-L25 MW-L25-102219-1 10/22/2019 19J1349	MW-N22 MW-N22-041619-1 4/16/2019 19D0862	MW-N22 MW-N22-071619-1 7/16/2019 19G0869	MW-N22 MW-N22-102319-1 10/23/2019 19J1470
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.15	< 0.15	< 0.15
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.60	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.1	< 0.96
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.30	< 0.32	< 0.29
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	< 0.22	< 0.19
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	< 0.22	< 0.19
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.054	< 0.048
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.11	< 0.096
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.054	< 0.048
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	< 0.54	< 0.48
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	< 0.22	< 0.19
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.20	< 0.22	< 0.19
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.11	< 0.096
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	< 0.54	< 0.48
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.1	< 0.96
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.11	< 0.096
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.1	< 0.96
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.054	< 0.048
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.1	< 0.96
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0010	< 0.0010	< 0.0010
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00049	< 0.00080	< 0.00080
Barium	1	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.072	0.16	0.14
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00040	< 0.00040	< 0.00040
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00050	< 0.00020	< 0.00020
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0010	< 0.0010	< 0.0010
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	0.0016	0.0053
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00050	< 0.00050	< 0.0010	< 0.00050	< 0.00050
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00010	< 0.00010	< 0.00010
Nickel	0.1	0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050
Silver	0.036	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00050	< 0.00020	< 0.00020
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00020	< 0.00020	0.00033
Vanadium	0.05	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050
Zinc	5	0.123	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.01	< 0.01	< 0.01

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-L25 MW-L25-082516 8/25/2016 16080629	MW-L25 MW-L25-122216-1 12/22/2016 16L1122	MW-L25 MW-L25-20170412 4/12/2017 17D0656	MW-L25 MW-L25-081617-1 8/16/2017 17H1062	MW-L25 MW-L25-111617-1 11/16/2017 17K1027	MW-L25 MW-L25-030818-1 3/6/2018 18C0346	MW-L25 MW-L25-062818-1 6/28/2018 18F1460	MW-L25 MW-L25-092818-1 9/28/2018 18I1338	MW-L25 MW-L25-121118-1 12/11/2018 18L0484	MW-L25 MW-L25-071619-1 7/16/2019 19G0869	MW-L25 MW-L25-102219-1 10/22/2019 19J1349	MW-N22 MW-N22-041619-1 4/16/2019 19D0862	MW-N22 MW-N22-071619-1 7/16/2019 19G0869	MW-N22 MW-N22-102319-1 10/23/2019 19J1470
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.025	< 0.0050	< 0.0050	< 0.0050 UJ	< 0.0047	< 0.0051	< 0.0050	< 0.0048	< 0.0051	NA	NA	< 0.0051	< 0.0050	< 0.0050
Dichlorobiphenyl	NE	NE	< 0.005	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.00095	< 0.0010	< 0.0010	< 0.00095	< 0.0010	NA	NA	0.0023	< 0.0010	0.0013
Heptachlorobiphenyl	NE	NE	< 0.015	< 0.0030	< 0.0030	< 0.0030 UJ	< 0.0028	< 0.0030	< 0.0030	< 0.0029	< 0.0030	NA	NA	< 0.0031	< 0.0030	< 0.0030
Hexachlorobiphenyl	NE	NE	< 0.01	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0020	< 0.0020	< 0.0019	< 0.0020	NA	NA	< 0.0020	< 0.0020	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.005	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.00095	< 0.0010	< 0.0010	< 0.00095	< 0.0010	NA	NA	0.0034	< 0.0010	< 0.0010
Nonachlorobiphenyl	NE	NE	< 0.025	< 0.0050	< 0.0050	< 0.0050 UJ	< 0.0047	< 0.0051	< 0.0050	< 0.0048	< 0.0051	NA	NA	< 0.0051	< 0.0050	< 0.0050
Octachlorobiphenyl	NE	NE	< 0.015	< 0.0030	< 0.0030	< 0.0030 UJ	< 0.0028	< 0.0030	< 0.0030	< 0.0029	< 0.0030	NA	NA	< 0.0031	< 0.0030	< 0.0030
Pentachlorobiphenyl	NE	NE	< 0.01	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0020	< 0.0020	< 0.0019	< 0.0020	NA	NA	< 0.0020	< 0.0020	< 0.0020
Tetrachlorobiphenyl	NE	NE	< 0.01	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0020	< 0.0020	< 0.0019	< 0.0020	NA	NA	< 0.0020	< 0.0020	< 0.0020
Trichlorobiphenyl	NE	NE	< 0.005	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.00095	< 0.0010	< 0.0010	< 0.00095	< 0.0010	NA	NA	< 0.0010	< 0.0010	< 0.0010
Total PCB Homologues	0.5	0.5	< 0.025	< 0.0050	< 0.0050	< 0.0050 UJ	< 0.0047	< 0.0051	< 0.0050	ND	ND	NA	NA	0.0058	ND	0.0013

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-N22 MW-N22-012020-1 1/20/2020 20A0896	MW-N22 MW-N22-040820-1 4/8/2020 20D0340	MW-N22 MW-N22-071020-1 7/10/2020 20G0456	MW-N22 MW-N22-110920-1 11/9/2020 20K0376	MW-P11 MW-P11-021313-1 2/13/2013 SB64588	MW-P11 MW-P11-051413-1 5/14/2013 SB69540	MW-P11 MW-P11-08202013-1 8/20/2013 SB75322	MW-P11 MW-P11-11122013-1 11/12/2013 SB80164	MW-P11 MW-P11-04182014-1 4/18/2014 SB87951	MW-P11 MW-P11-092514-1 9/25/2014 14090859	MW-P11 MW-P11-121714-1 12/17/2014 14120417	MW-P11 MW-P11-071415-1 7/14/2015 15070370	MW-P11 MW-P11-102715 10/27/2015 15100668	MW-P11 MW-P11-011216 1/12/2016 16010232
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	< 0.14	< 0.14	< 0.15	< 0.14	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	< 0.98	< 0.97	< 0.95	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	< 0.29	< 0.29	< 0.28	< 0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	< 0.20	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	< 0.20	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	< 0.049	< 0.049	< 0.047	< 0.049	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	< 0.098	< 0.097	< 0.095	< 0.097	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.049	< 0.049	< 0.047	< 0.049	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	< 0.49	< 0.49	< 0.47	< 0.49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.20	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	< 0.20	< 0.19	< 0.19	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.098	< 0.097	< 0.095	< 0.097	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	< 0.49	< 0.49	< 0.47	< 0.49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	< 0.98	< 0.97	< 0.95	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.098	< 0.097	< 0.095	< 0.097	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 0.98	< 0.97	< 0.95	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	< 0.049	< 0.049	< 0.047	< 0.049	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	< 0.98	< 0.97	< 0.95	< 0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	NA	NA	NA	NA	NA
Barium	1	2.2	0.082	0.082	0.094	0.069	0.0766	0.0935	0.0975	0.108	0.133	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	74.4	39.7	43.7	38.1	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	< 0.0010	0.0015	< 0.0010	0.0017	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	< 0.0010	0.0013	0.0023	0.0021	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	0.0546	0.318	2.06	1.61	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	17.5	15.9	16.0	15.8	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	0.630	0.984	0.898	0.990	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA
Nickel	0.1	0.88	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0106	< 0.0050	0.0120	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	5.15	4.90	5.41	5.77	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0150	< 0.0150	< 0.0150	< 0.0150	< 0.0150	NA	NA	NA	NA	NA
Silver	0.036	0.012	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-N22 MW-N22-012020-1 1/20/2020 20A0896	MW-N22 MW-N22-040820-1 4/8/2020 20D0340	MW-N22 MW-N22-071020-1 7/10/2020 20G0456	MW-N22 MW-N22-110920-1 11/9/2020 20K0376	MW-P11 MW-P11-021313-1 2/13/2013 SB64588	MW-P11 MW-P11-051413-1 5/14/2013 SB69540	MW-P11 MW-P11-08202013-1 8/20/2013 SB75322	MW-P11 MW-P11-11122013-1 11/12/2013 SB80164	MW-P11 MW-P11-04182014-1 4/18/2014 SB87951	MW-P11 MW-P11-092514-1 9/25/2014 14090859	MW-P11 MW-P11-121714-1 12/17/2014 14120417	MW-P11 MW-P11-071415-1 7/14/2015 15070370	MW-P11 MW-P11-102715 10/27/2015 15100668	MW-P11 MW-P11-011216 1/12/2016 16010232
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0048	< 0.0049	< 0.0050	< 0.0049	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Dichlorobiphenyl	NE	NE	< 0.00096	< 0.00098	< 0.0010	< 0.00097	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Heptachlorobiphenyl	NE	NE	< 0.0029	< 0.0029	< 0.0030	< 0.0029	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Hexachlorobiphenyl	NE	NE	< 0.0019	< 0.0020	< 0.0020	< 0.0019	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Monochlorobiphenyl	NE	NE	< 0.00096	< 0.00098	< 0.0010	< 0.00097	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nonachlorobiphenyl	NE	NE	< 0.0048	< 0.0049	< 0.0050	< 0.0049	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Octachlorobiphenyl	NE	NE	< 0.0029	< 0.0029	< 0.0030	< 0.0029	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Pentachlorobiphenyl	NE	NE	< 0.0019	< 0.0020	< 0.0020	< 0.0019	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachlorobiphenyl	NE	NE	< 0.0019	< 0.0020	< 0.0020	< 0.0019	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorobiphenyl	NE	NE	< 0.0019	< 0.0020	< 0.0020	< 0.0019	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total PCB Homologues	0.5	0.5	< 0.0048	< 0.0049	< 0.0050	< 0.0049	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-P11 MW-P11-041316 4/13/2016 16040311	MW-P11 MW-P11-082516 8/25/2016 16080629	MW-P11 MW-P11-122116-1 12/21/2016 16L1029	MW-P11 MW-P11-20170411-1 4/11/2017 17D0409	MW-P11 MW-P11-081517-1 8/15/2017 17H0897	MW-P11 MW-P11-111517-1 11/15/2017 17K0912	MW-P11 MW-P11-030618-1 3/6/2018 18C0227	MW-P11 MW-P11-062818-1 6/28/2018 18F1460	MW-P11 MW-P11-092518-1 9/25/2018 18I1109	MW-P11 MW-P11-121318-1 12/13/2018 18L0663	MW-P11 MW-P11-012020-1 1/20/2020 20A0896	MW-P11 MW-P11-040720-1 4/7/2020 20D0295	MW-P11 MW-P11-070820-1 7/8/2020 20G0356	MW-P11 MW-P11-110620-1 11/6/2020 20K0339
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-P11 MW-P11-041316 4/13/2016 16040311	MW-P11 MW-P11-082516 8/25/2016 16080629	MW-P11 MW-P11-122116-1 12/21/2016 16L1029	MW-P11 MW-P11-20170411-1 4/11/2017 17D0409	MW-P11 MW-P11-081517-1 8/15/2017 17H0897	MW-P11 MW-P11-111517-1 11/15/2017 17K0912	MW-P11 MW-P11-030618-1 3/6/2018 18C0227	MW-P11 MW-P11-062818-1 6/28/2018 18F1460	MW-P11 MW-P11-092518-1 9/25/2018 18I1109	MW-P11 MW-P11-121318-1 12/13/2018 18L0663	MW-P11 MW-P11-012020-1 1/20/2020 20A0896	MW-P11 MW-P11-040720-1 4/7/2020 20D0295	MW-P11 MW-P11-070820-1 7/8/2020 20G0356	MW-P11 MW-P11-110620-1 11/6/2020 20K0339
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0275	< 0.025	< 0.0050	< 0.0053	< 0.0050 UJ	< 0.0052	< 0.0049	< 0.0052	< 0.0047	< 0.0052	< 0.0048	< 0.0050	< 0.0049	< 0.0054
Dichlorobiphenyl	NE	NE	< 0.0055	< 0.005	< 0.0010	< 0.0011	< 0.0010 UJ	< 0.0010	< 0.00098	0.0030	< 0.00094	< 0.0010	< 0.00096	< 0.00099	< 0.00098	< 0.0011
Heptachlorobiphenyl	NE	NE	< 0.0165	< 0.015	< 0.0030	< 0.0032	< 0.0030 UJ	< 0.0031	< 0.0029	< 0.0031	< 0.0028	< 0.0031	< 0.0029	< 0.0030	< 0.0029	< 0.0032
Hexachlorobiphenyl	NE	NE	< 0.011	< 0.01	< 0.0020	< 0.0021	< 0.0020 UJ	< 0.0021	< 0.0020	< 0.0021	< 0.0019	< 0.0021	< 0.0019	< 0.0020	< 0.0020	< 0.0022
Monochlorobiphenyl	NE	NE	< 0.0055	< 0.005	< 0.0010	< 0.0011	< 0.0010 UJ	0.0020	< 0.00098	0.0013	< 0.00094	< 0.0010	0.0011	< 0.00099	< 0.00098	< 0.0011
Nonachlorobiphenyl	NE	NE	< 0.0275	< 0.025	< 0.0050	< 0.0053	< 0.0050 UJ	< 0.0052	< 0.0049	< 0.0052	< 0.0047	< 0.0052	< 0.0048	< 0.0050	< 0.0049	< 0.0054
Octachlorobiphenyl	NE	NE	< 0.0165	< 0.015	< 0.0030	< 0.0032	< 0.0030 UJ	< 0.0031	< 0.0029	< 0.0031	< 0.0028	< 0.0031	< 0.0029	< 0.0030	< 0.0029	< 0.0032
Pentachlorobiphenyl	NE	NE	< 0.011	< 0.01	< 0.0020	< 0.0021	< 0.0020 UJ	< 0.0021	< 0.0020	< 0.0021	< 0.0019	< 0.0021	< 0.0019	< 0.0020	< 0.0020	< 0.0022
Tetrachlorobiphenyl	NE	NE	< 0.011	< 0.01	< 0.0020	< 0.0021	< 0.0020 UJ	< 0.0021	< 0.0020	< 0.0021	< 0.0019	< 0.0021	< 0.0019	< 0.0020	< 0.0020	< 0.0022
Trichlorobiphenyl	NE	NE	< 0.0055	< 0.005	< 0.0010	< 0.0011	< 0.0010 UJ	< 0.0010	< 0.00098	< 0.0010	< 0.00094	< 0.0010	< 0.0019	< 0.0020	< 0.0020	< 0.0022
Total PCB Homologues	0.5	0.5	< 0.0275	< 0.025	< 0.0050	< 0.0053	< 0.0050 UJ	0.002	< 0.0049	0.0043	ND	ND	0.0011	< 0.0050	< 0.0049	ND

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-P7 MW-P7-021313-1 2/13/2013 SB64486	MW-P7 MW-P7-051413-1 5/14/2013 SB69540	MW-P7 MW-P7-08202013-1 8/20/2013 SB75322	MW-P7 MW-P7-11122013-1 11/12/2013 SB80244	MW-P7 MW-P7-04182014-1 4/18/2014 SB87951	MW-P7 MW-P7-090214-1 9/2/2014 SB95674	MW-P7 MW-P7-092514-1 9/25/2014 14090859	MW-P7 MW-P7-092514-2 9/25/2014 14090859	MW-P7 MW-P7-121714-1 12/17/2014 SC01370	MW-P7 MW-P7-071415-1 7/14/2015 GBJ46776	MW-P7 MW-P7-071415-2 7/14/2015 GBJ46776	MW-P7 MW-P7-102715 10/27/2015 GBK14343	MW-P7 MW-PS 7-102715 10/27/2015 GBK14343	MW-P7 DUP-2-011216 1/12/2016 GBK51911
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	< 0.070	< 0.070	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	< 0.070	< 0.070	NA	NA	NA
Unidentified	NE	NE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA
Acetone	700	10000	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA	< 25	< 25	NA	NA	NA
Chloroform	6	14100	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA
Chloromethane	18	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA
Naphthalene	280	210	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA
p-Isopropyltoluene	25	200	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA
Tetrachloroethylene	5	88	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA
Tetrahydrofuran	4	9600	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	< 2.5	< 2.5	NA	NA	NA
Toluene	1000	4000000	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA
Trichloroethene	5	2340	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.05	< 0.05	< 0.05
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.05	< 0.05	< 0.05
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.05	< 0.05	< 0.05
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.02	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.02	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.02	< 0.05	< 0.05	< 0.05
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.02	< 0.05	< 0.05	< 0.05
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.02	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.05	< 0.05	< 0.05
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	< 0.02	< 0.05	< 0.05	< 0.05
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.07	< 0.07	< 0.05	< 0.05	< 0.05
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.10	< 0.10	< 0.05	< 0.05	< 0.05
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
Acenaphthene	420	150	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
Anthracene	2000	1100000	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
Fluoranthene	280	3700	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
Fluorene	280	140000	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
Naphthalene	280	210	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
Pyrene	200	110000	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	< 0.050	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	NA	NA	< 0.0060	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Arsenic	0.05	0.004	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	NA	NA	< 0.0040	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
Barium	1	2.2	0.0804	0.0916	0.0964	0.100	0.0698	0.133	NA	NA	0.0850	0.142	0.139	0.148	0.149	0.072
Beryllium	0.004	0.004	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA	NA	< 0.0020	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Cadmium	0.005	0.006	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA	NA	< 0.0025	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Calcium	NE	NE	30.3	29.2	28.5	28.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0100	0.0052	NA	NA	< 0.0050	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0134	< 0.0050	NA	NA	< 0.0050	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Iron	NE	10	0.218	0.232	0.487	0.662	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	NA	NA	< 0.0075	< 0.002	< 0.002	< 0.002	< 0.002	0.002
Magnesium	NE	NE	10.7	10.8	10.4	10.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	2.03	1.79	2.02	2.37	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.00020													

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-P7 MW-P7-021313-1 2/13/2013 SB64486	MW-P7 MW-P7-051413-1 5/14/2013 SB69540	MW-P7 MW-P7-08202013-1 8/20/2013 SB75322	MW-P7 MW-P7-11122013-1 11/12/2013 SB80244	MW-P7 MW-P7-04182014-1 4/18/2014 SB87951	MW-P7 MW-P7-090214-1 9/2/2014 SB95674	MW-P7 MW-P7-092514-1 9/25/2014 14090859	MW-P7 MW-P7-092514-2 9/25/2014 14090859	MW-P7 MW-P7-121714-1 12/17/2014 SC01370	MW-P7 MW-P7-071415-1 7/14/2015 GBJ46776	MW-P7 MW-P7-071415-2 7/14/2015 GBJ46776	MW-P7 MW-P 7-102715 10/27/2015 GBK14343	MW-P7 MW-PS 7-102715 10/27/2015 GBK14343	MW-P7 DUP-2-011216 1/12/2016 GBK51911
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	NA	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Dichlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.005	0.0264	0.0266	< 0.005	< 0.005	< 0.005
Heptachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	NA	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Hexachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Monochlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nonachlorobiphenyl	NE	NE	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	NA	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Octachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	NA	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Pentachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total PCB Homologues	0.5	0.5	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	NA	< 0.025	< 0.025	< 0.025	0.0264	0.0266	< 0.025	< 0.025	< 0.025

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-P7 MW-P7-011216 1/12/2016 GBK51911	MW-P7 MW-P7-041316 4/13/2016 16040311	MW-P7 MW-P7-041316-02 4/13/2016 16040311	MW-P7 MW-P7-082416 8/24/2016 16080598	MW-P7 MW-P7-122116-1 12/21/2016 16L1029	MW-P7 MW-P7-20170411-2 4/10/2017 GBY02577	MW-P7 MW-P7-20170411-1 4/11/2017 17D0409	MW-P7 MW-P7-081517-1 8/15/2017 17H0897	MW-P7 MW-P7-111517-1 11/15/2017 17K0912	MW-P7 MW-P7-030618-1 3/6/2018 18C0227	MW-P7 MW-P7-062818-1 6/28/2018 18F1460	MW-P7 MW-P7-092518-1 9/25/2018 18I1109	MW-P7 MW-P7-121318-1 12/13/2018 18L0663	MW-P7 MW-P7-041619-1 4/16/2019 19D0862	
CT ETPH (mg/l)																	
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.077	< 0.16
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																	
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 10
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 0.60
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 2.0
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0
SVOCs (ug/l)																	
2-Methylnaphthalene	28	62	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 1.0	< 1.0	
Acenaphthene	420	150	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.30	< 0.30	
Acenaphthylene	420	0.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.20	< 0.20	
Anthracene	2000	1100000	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.20	< 0.20	
Benzo(a)anthracene	0.06	0.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.050	< 0.050	
Benzo(a)pyrene	0.2	0.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.10	< 0.10	
Benzo(b)fluoranthene	0.08	0.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.050	< 0.050	
Benzo(g,h,i)perylene	0.48	150	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.50	< 0.50	
Benzo(k)fluoranthene	0.5	0.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.20	< 0.20	
Chrysene	4.8	0.54	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.20	< 0.20	
Dibenzo(a,h)anthracene	0.1	0.3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA	< 0.01	NA	< 0.01	< 0.01	< 0.10	< 0.10	
Fluoranthene	280	3700	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.50	< 0.50	
Fluorene	280	140000	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 1.0	< 1.0	
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.10	< 0.10	
Naphthalene	280	210	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	NA	< 0.10	NA	< 0.10	< 0.09	< 1.0	< 1.0	
Phenanthrene	200	0.077	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 0.050	< 0.050	
Pyrene	200	110000	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	NA	< 0.05	NA	< 0.05	< 0.05	< 1.0	< 1.0	
SVOC-SIMs (ug/l)																	
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.01	NA	< 0.01	NA	NA	NA	NA	
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	< 0.11	NA	< 0.10	NA	NA	NA	NA	
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.05	NA	NA	NA	NA	
Total Metals (mg/l)																	
Antimony	0.006	86	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.0050	< 0.0010	
Arsenic	0.05	0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	NA	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.0020	0.00078	
Barium	1	2.2	0.067	0.108	0.107	0.145	0.112	NA	0.096	0.148	0.138	0.081	0.143	0.145	0.14	0.066	
Beryllium	0.004	0.004	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	NA	< 0.001	< 0.001	< 0.001	NA	< 0.001	< 0.001	< 0.0020	< 0.00040	
Cadmium	0.005	0.006	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	NA	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0025	< 0.00050	
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chromium	0.05	NE	< 0.001	0.001	0.001	< 0.001	< 0.001	NA	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0050	< 0.0010	
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Copper	1.3	0.048	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.025	< 0.0050	
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lead	0.015	0.013	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	NA	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0050	< 0.0010	
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Mercury	0.002	0.0004	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.00010	< 0.00010	
Nickel	0.1	0.88	0.001	0.004	0.006	0.005	0.003	NA	0.002	0.004							

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-P7 MW-P7-011216 1/12/2016 GBK51911	MW-P7 MW-P7-041316 4/13/2016 16040311	MW-P7 MW-P7-041316-02 4/13/2016 16040311	MW-P7 MW-P7-082416 8/24/2016 16080598	MW-P7 MW-P7-122116-1 12/21/2016 16L1029	MW-P7 MW-P7-20170411-2 4/10/2017 GBY02577	MW-P7 MW-P7-20170411-1 4/11/2017 17D0409	MW-P7 MW-P7-081517-1 8/15/2017 17H0897	MW-P7 MW-P7-111517-1 11/15/2017 17K0912	MW-P7 MW-P7-030618-1 3/6/2018 18C0227	MW-P7 MW-P7-062818-1 6/28/2018 18F1460	MW-P7 MW-P7-092518-1 9/25/2018 18I1109	MW-P7 MW-P7-121318-1 12/13/2018 18L0663	MW-P7 MW-P7-041619-1 4/16/2019 19D0862
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.025	< 0.025	< 0.025	< 0.0263	< 0.0050	NA	< 0.0050	< 0.0050 UJ	< 0.0050	< 0.0049	< 0.0051	< 0.0050	< 0.0051	NA
Dichlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.00526	< 0.0010	NA	< 0.0010	< 0.0010 UJ	0.019	< 0.00098	0.0027	< 0.0010	< 0.0010	NA
Heptachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.015	< 0.0158	< 0.0030	NA	< 0.0030	< 0.0030 UJ	< 0.0030	< 0.0029	< 0.0031	< 0.0030	< 0.0030	NA
Hexachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.0105	< 0.0020	NA	< 0.0020	< 0.0020 UJ	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA
Monochlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.00526	0.0012	NA	< 0.0010	< 0.0010 UJ	0.030	< 0.00098	0.0013	< 0.0010	< 0.0010	NA
Nonachlorobiphenyl	NE	NE	< 0.025	< 0.025	< 0.025	< 0.0263	< 0.0050	NA	< 0.0050	< 0.0050 UJ	< 0.0050	< 0.0049	< 0.0051	< 0.0050	< 0.0051	NA
Octachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.015	< 0.0158	< 0.0030	NA	< 0.0030	< 0.0030 UJ	< 0.0030	< 0.0029	< 0.0031	< 0.0030	< 0.0030	NA
Pentachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.0105	< 0.0020	NA	< 0.0020	< 0.0020 UJ	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA
Tetrachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.0105	< 0.0020	NA	< 0.0020	< 0.0020 UJ	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA
Trichlorobiphenyl	NE	NE	< 0.005	< 0.005	< 0.005	< 0.00526	< 0.0010	NA	< 0.0010	< 0.0010 UJ	< 0.0010	< 0.00098	< 0.0010	< 0.0010	< 0.0010	NA
Total PCB Homologues	0.5	0.5	< 0.025	< 0.025	< 0.025	< 0.0263	0.0012	NA	< 0.0050	< 0.0050 UJ	0.049	< 0.0049	0.004	ND	ND	NA

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-P7 MW-P7-071619-1 7/16/2019 19G0869	MW-P7 MW-P7-102419-1 10/24/2019 19J1529	MW-P7 MW-P7-012020-1 1/20/2020 20A0885	MW-P7 MW-P7-040720-1 4/7/2020 20D0295	MW-P7 MW-P7-070820-1 7/8/2020 20G0356	MW-P7 MW-P7-110620-1 11/6/2020 20K0339	MW-R20 MW-R20-021313-1 2/13/2013 SB64486	MW-R20 MW-R20-051413-1 5/14/2013 SB69540	MW-R20 MW-R20-08202013-1 8/20/2013 SB75322	MW-R20 MW-R20-11132013-1 11/13/2013 SB80319	MW-R20 MW-R20-04162014-1 4/16/2014 SB87783	MW-R20 MW-R20-092314-1 9/23/2014 14090840	MW-R20 MW-R20-121614-1 12/16/2014 14120375	MW-R20 MW-R20-071515-1 7/15/2015 15070383
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	< 0.15	< 0.15	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	< 1.1	< 0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	< 0.32	< 0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	< 0.21	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	< 0.21	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	< 0.053	< 0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	< 0.11	< 0.096	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	< 0.053	< 0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	< 0.53	< 0.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	< 0.21	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	< 0.21	< 0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.11	< 0.096	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	< 0.53	< 0.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	< 1.1	< 0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.11	< 0.096	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 1.1	< 0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	< 0.053	< 0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	< 1.1	< 0.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0010	< 0.0010	NA	NA	NA	NA	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	NA	NA	NA
Arsenic	0.05	0.004	< 0.00080	0.0010	NA	NA	NA	NA	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	NA	NA	NA
Barium	1	2.2	0.15	0.09	NA	NA	NA	NA	0.0773	0.0714	0.0796	0.103	0.0520	NA	NA	NA
Beryllium	0.004	0.004	< 0.00040	< 0.00040	NA	NA	NA	NA	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA	NA	NA
Cadmium	0.005	0.006	< 0.00020	< 0.00020	NA	NA	NA	NA	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	50.1	41.3	33.9	40.0	NA	NA	NA	NA
Chromium	0.05	NE	< 0.0010	< 0.0010	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	0.0020	0.0030	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	0.0636	0.0480	< 0.0150	0.0880	NA	NA	NA	NA
Lead	0.015	0.013	< 0.00050	< 0.00050	NA	NA	NA	NA	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	8.40	7.32	6.33	8.24	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	0.0098	0.0046	< 0.0020	0.0030	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.00010	< 0.00010	NA	NA	NA	NA	< 0.00020	< 0.00020	< 0.00020	< 0.00030	< 0.00020	NA	NA	NA
Nickel	0.1	0.88	< 0.0050	< 0.0050	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	3.90	3.96	4.46	4.83	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.0050	< 0.0050	NA	NA	NA	NA	< 0.0150	< 0.0150	< 0.0150	< 0.0150	< 0.0150	NA	NA	NA
Silver	0.036	0.012	< 0.00020	< 0.00020	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA
Sodium	NE	NE	NA	NA												

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-P7 MW-P7-071619-1 7/16/2019 19G0869	MW-P7 MW-P7-102419-1 10/24/2019 19J1529	MW-P7 MW-P7-012020-1 1/20/2020 20A0885	MW-P7 MW-P7-040720-1 4/7/2020 20D0295	MW-P7 MW-P7-070820-1 7/8/2020 20G0356	MW-P7 MW-P7-110620-1 11/6/2020 20K0339	MW-R20 MW-R20-021313-1 2/13/2013 SB64486	MW-R20 MW-R20-051413-1 5/14/2013 SB69540	MW-R20 MW-R20-08202013-1 8/20/2013 SB75322	MW-R20 MW-R20-11132013-1 11/13/2013 SB80319	MW-R20 MW-R20-04162014-1 4/16/2014 SB87783	MW-R20 MW-R20-092314-1 9/23/2014 14090840	MW-R20 MW-R20-121614-1 12/16/2014 14120375	MW-R20 MW-R20-071515-1 7/15/2015 15070383
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	NA	NA	< 0.0050	< 0.0050	< 0.0049	< 0.0049	< 0.025	< 0.025	< 0.026	< 0.025	< 0.025	< 0.0357	< 0.025	< 0.025
Dichlorobiphenyl	NE	NE	NA	NA	< 0.0010	< 0.0010	< 0.00098	0.0034	< 0.005	< 0.005	< 0.00521	< 0.005	< 0.005	< 0.00714	< 0.005	< 0.005
Heptachlorobiphenyl	NE	NE	NA	NA	< 0.0030	< 0.0030	< 0.0029	< 0.0029	< 0.015	< 0.015	< 0.0156	< 0.015	< 0.015	< 0.0214	< 0.015	< 0.015
Hexachlorobiphenyl	NE	NE	NA	NA	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.01	< 0.01	< 0.0104	< 0.01	< 0.01	< 0.0143	< 0.01	< 0.01
Monochlorobiphenyl	NE	NE	NA	NA	< 0.0010	< 0.0010	0.0010	0.0029	< 0.005	< 0.005	< 0.00521	< 0.005	< 0.005	< 0.00714	< 0.005	< 0.005
Nonachlorobiphenyl	NE	NE	NA	NA	< 0.0050	< 0.0050	< 0.0049	< 0.0049	< 0.025	< 0.025	< 0.026	< 0.025	< 0.025	< 0.0357	< 0.025	< 0.025
Octachlorobiphenyl	NE	NE	NA	NA	< 0.0030	< 0.0030	< 0.0029	< 0.0029	< 0.015	< 0.015	< 0.0156	< 0.015	< 0.015	< 0.0214	< 0.015	< 0.015
Pentachlorobiphenyl	NE	NE	NA	NA	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.01	< 0.01	< 0.0104	< 0.01	< 0.01	< 0.0143	< 0.01	< 0.01
Tetrachlorobiphenyl	NE	NE	NA	NA	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.01	< 0.01	< 0.0104	< 0.01	< 0.01	< 0.0143	< 0.01	< 0.01
Trichlorobiphenyl	NE	NE	NA	NA	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.005	< 0.005	< 0.00521	< 0.005	< 0.005	< 0.00714	< 0.005	< 0.005
Total PCB Homologues	0.5	0.5	NA	NA	< 0.0050	< 0.0050	0.001	0.0062	< 0.025	< 0.025	< 0.026	< 0.025	< 0.025	< 0.0357	< 0.025	< 0.025

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-R20 MW-R20-011316 1/13/2016 16010233	MW-R20 MW-R20-041216 4/12/2016 16040249	MW-R20 MW-R20-082616 8/26/2016 16080630	MW-R20 MW-R20-122216-1 12/22/2016 16L1122	MW-R20 MW-R20-20170412-1 4/12/2017 17D0656	MW-R20 MW-R20-081617-1 8/16/2017 17H1062	MW-R20 MW-R20-081617-2 8/16/2017 17H1062	MW-R20 MW-R20-111617-1 11/16/2017 17K1027	MW-R20 MW-R20-111617-2 11/16/2017 17K1027	MW-R20 MW-R20-030818-1 3/6/2018 18C0346	MW-R20 MW-R20-030818-2 3/6/2018 18C0346	MW-R20 MW-R20-062818-1 6/28/2018 18F1461	MW-R20 MW-R20-062818-2 6/28/2018 18F1461	MW-R20 MW-R20-092818-1 9/28/2018 18I1338
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-R20 MW-R20-011316 1/13/2016 16010233	MW-R20 MW-R20-041216 4/12/2016 16040249	MW-R20 MW-R20-082616 8/26/2016 16080630	MW-R20 MW-R20-122216-1 12/22/2016 16L1122	MW-R20 MW-R20-20170412-1 4/12/2017 17D0656	MW-R20 MW-R20-081617-1 8/16/2017 17H1062	MW-R20 MW-R20-081617-2 8/16/2017 17H1062	MW-R20 MW-R20-111617-1 11/16/2017 17K1027	MW-R20 MW-R20-111617-2 11/16/2017 17K1027	MW-R20 MW-R20-030818-1 3/6/2018 18C0346	MW-R20 MW-R20-030818-2 3/6/2018 18C0346	MW-R20 MW-R20-062818-1 6/28/2018 18F1461	MW-R20 MW-R20-062818-2 6/28/2018 18F1461	MW-R20 MW-R20-092818-1 9/28/2018 18I1338
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.025	< 0.0266	< 0.025	< 0.0050	< 0.0050	< 0.0055 UJ	< 0.0054 UJ	< 0.0050	< 0.0050	< 0.0049	< 0.0049	< 0.0051	< 0.0051	< 0.0048
Dichlorobiphenyl	NE	NE	< 0.005	< 0.00532	< 0.005	< 0.0010	< 0.0010	< 0.0011 UJ	< 0.0011 UJ	< 0.0010	< 0.0010	< 0.00098	< 0.00098	< 0.0010	< 0.0010	< 0.00095
Heptachlorobiphenyl	NE	NE	< 0.015	< 0.016	< 0.015	< 0.0030	< 0.0030	< 0.0033 UJ	< 0.0032 UJ	< 0.0030	< 0.0030	< 0.0029	< 0.0029	< 0.0031	< 0.0031	< 0.0029
Hexachlorobiphenyl	NE	NE	< 0.01	< 0.0106	< 0.01	< 0.0020	< 0.0020	< 0.0022 UJ	< 0.0022 UJ	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0019
Monochlorobiphenyl	NE	NE	< 0.005	< 0.00532	< 0.005	< 0.0010	0.0024	< 0.0011 UJ	< 0.0011 UJ	< 0.0010	< 0.0010	< 0.00098	< 0.00098	< 0.0010	< 0.0010	< 0.00095
Nonachlorobiphenyl	NE	NE	< 0.025	< 0.0266	< 0.025	< 0.0050	< 0.0050	< 0.0055 UJ	< 0.0054 UJ	< 0.0050	< 0.0050	< 0.0049	< 0.0049	< 0.0051	< 0.0051	< 0.0048
Octachlorobiphenyl	NE	NE	< 0.015	< 0.016	< 0.015	< 0.0030	< 0.0030	< 0.0033 UJ	< 0.0032 UJ	< 0.0030	< 0.0030	< 0.0029	< 0.0029	< 0.0031	< 0.0031	< 0.0029
Pentachlorobiphenyl	NE	NE	< 0.01	< 0.0106	< 0.01	< 0.0020	< 0.0020	< 0.0022 UJ	< 0.0022 UJ	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0019
Tetrachlorobiphenyl	NE	NE	< 0.01	< 0.0106	< 0.01	< 0.0020	< 0.0020	< 0.0022 UJ	< 0.0022 UJ	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0019
Trichlorobiphenyl	NE	NE	< 0.005	< 0.00532	< 0.005	< 0.0010	< 0.0010	< 0.0011 UJ	< 0.0011 UJ	< 0.0010	< 0.0010	0.0010	< 0.00098	< 0.0010	< 0.0010	< 0.00095
Total PCB Homologues	0.5	0.5	< 0.025	< 0.0266	< 0.025	< 0.0050	0.0024	< 0.0055 UJ	< 0.0054 UJ	< 0.0050	< 0.0050	0.001	< 0.0049	< 0.0051	< 0.0051	ND

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-R20 MW-R20-092818-2 9/28/2018 18L1338	MW-R20 MW-R20-121118-1 12/11/2018 18L0484	MW-R20 MW-R20-121118-2 12/11/2018 18L0484	MW-S15 MW-S15-021313-1 2/13/2013 SB64486	MW-S15 MW-S15-021313-2 2/13/2013 SB64486	MW-S15 MW-S15-051513-1 5/15/2013 SB69668	MW-S15 MW-S15-051513-2 5/15/2013 SB69668	MW-S15 MW-S15-08202013-1 8/20/2013 SB75322	MW-S15 MW-S15-08202013-2 8/20/2013 SB75322	MW-S15 MW-S15-11122013-1 11/12/2013 SB80164	MW-S15 MW-S15-11122013-2 11/12/2013 SB80164	MW-S15 MW-S15-04182014-1 4/18/2014 SB87951	MW-S15 MW-S15-04182014-2 4/18/2014 SB87951	MW-S15 MW-S15-090414-1 9/4/2014 SB95779
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA
Unidentified	NE	NE	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA
Acetone	700	10000	NA	NA	NA	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA
Chloroform	6	14100	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA
Chloromethane	18	10000	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA
Naphthalene	280	210	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA
p-Isopropyltoluene	25	200	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA
Tetrachloroethylene	5	88	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA
Tetrahydrofuran	4	9600	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA
Toluene	1000	4000000	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA
Trichloroethene	5	2340	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.250	< 0.050
2-Methylnaphthalene	28	62	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.400	< 0.050
Acenaphthene	420	150	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Acenaphthylene	420	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Anthracene	2000	1100000	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Chrysene	4.8	0.54	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Fluoranthene	280	3700	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Fluorene	280	140000	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Naphthalene	280	210	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	0.060	< 0.050
Phenanthrene	200	0.077	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	0.055	< 0.050
Pyrene	200	110000	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060
Arsenic	0.05	0.004	NA	NA	NA	< 0.0040	0.0050	0.0047	< 0.0080	0.0051	0.0050	0.0059	0.0048	< 0.0040	< 0.0040	0.0046
Barium	1	2.2	NA	NA	NA	0.195	0.216	0.207	0.212	0.189	0.191	0.180	0.184	0.190	0.195	0.263
Beryllium	0.004	0.004	NA	NA	NA	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Cadmium	0.005	0.006	NA	NA	NA	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Calcium	NE	NE	NA	NA	NA	57.6	59.2	57.2	58.8	49.8	50.0	46.4	48.2	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Iron	NE	10	NA	NA	NA	11.7	12.4	13.5	13.8	11.7	11.8	11.8	11.9	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075
Magnesium	NE	NE	NA	NA	NA	19.2	20.8									

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-R20 MW-R20-092818-2 9/28/2018 18L1338	MW-R20 MW-R20-121118-1 12/11/2018 18L0484	MW-R20 MW-R20-121118-2 12/11/2018 18L0484	MW-S15 MW-S15-021313-1 2/13/2013 SB64486	MW-S15 MW-S15-021313-2 2/13/2013 SB64486	MW-S15 MW-S15-051513-1 5/15/2013 SB69668	MW-S15 MW-S15-051513-2 5/15/2013 SB69668	MW-S15 MW-S15-08202013-1 8/20/2013 SB75322	MW-S15 MW-S15-08202013-2 8/20/2013 SB75322	MW-S15 MW-S15-11122013-1 11/12/2013 SB80164	MW-S15 MW-S15-11122013-2 11/12/2013 SB80164	MW-S15 MW-S15-04182014-1 4/18/2014 SB87951	MW-S15 MW-S15-04182014-2 4/18/2014 SB87951	MW-S15 MW-S15-090414-1 9/4/2014 SB95779
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0050	< 0.0051	< 0.0050	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	NA
Dichlorobiphenyl	NE	NE	< 0.0010	< 0.0010	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA
Heptachlorobiphenyl	NE	NE	< 0.0030	< 0.0030	< 0.0030	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	NA
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.0020	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA
Monochlorobiphenyl	NE	NE	< 0.0010	< 0.0010	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA
Nonachlorobiphenyl	NE	NE	< 0.0050	< 0.0051	< 0.0050	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	NA
Octachlorobiphenyl	NE	NE	< 0.0030	< 0.0030	< 0.0030	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	NA
Pentachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.0020	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA
Tetrachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.0020	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA
Trichlorobiphenyl	NE	NE	< 0.0010	< 0.0010	< 0.0010	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA
Total PCB Homologues	0.5	0.5	ND	ND	ND	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	0.0102	< 0.025	NA

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-S15 MW-S15-090414-2 9/4/2014 SB95779	MW-S15 MW-S15-092514-1 9/25/2014 14090859	MW-S15 MW-S15-092514-2 9/25/2014 14090859	MW-S15 MW-S15-121714-1 12/17/2014 SC01370	MW-S15 MW-S15-121714-2 12/17/2014 SC01370	MW-S15 MW-S15-071415-1 7/14/2015 GBJ46776	MW-S15 MW-S15-102715 10/27/2015 GBK14343	MW-S15 MW-S15-011216 1/12/2016 16010232	MW-S15 MW-S15-041416 4/14/2016 16040313	MW-S15 MW-S15-082416 8/24/2016 GBN97446	MW-S15 MW-S15-DUP-08241 8/24/2016 GBN97446	MW-S15 MW-S15-122116-1 12/21/2016 16L1029	MW-S15 MW-S15-122116-2 12/21/2016 16L1029	MW-S15 MW-S15-20170410-1 4/10/2017 17D0409
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	NA	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	NA	< 0.025	< 0.025	< 0.0255	< 0.0263	< 0.0050	< 0.0051	< 0.0056
Dichlorobiphenyl	NE	NE	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.0051	< 0.00526	0.022	0.0081	0.0044
Heptachlorobiphenyl	NE	NE	NA	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	NA	< 0.015	< 0.015	< 0.0153	< 0.0158	< 0.0030	< 0.0030	< 0.0033
Hexachlorobiphenyl	NE	NE	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01	< 0.0102	< 0.0105	< 0.0020	< 0.0020	< 0.0022
Monochlorobiphenyl	NE	NE	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.0051	< 0.00526	0.020	0.0011	< 0.0011
Nonachlorobiphenyl	NE	NE	NA	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	NA	< 0.025	< 0.025	< 0.0255	< 0.0263	< 0.0050	< 0.0051	< 0.0056
Octachlorobiphenyl	NE	NE	NA	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	NA	< 0.015	< 0.015	< 0.0153	< 0.0158	< 0.0030	< 0.0030	< 0.0033
Pentachlorobiphenyl	NE	NE	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01	< 0.0102	< 0.0105	0.0066	0.0070	< 0.0022
Tetrachlorobiphenyl	NE	NE	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01	< 0.0102	< 0.0105	0.045	0.042	0.027
Trichlorobiphenyl	NE	NE	NA	< 0.005	< 0.005	0.0116	0.0146	0.0120	NA	< 0.005	< 0.005	< 0.0051	< 0.00526	0.045	0.041	0.025
Total PCB Homologues	0.5	0.5	NA	< 0.025	< 0.025	0.0116	0.0146	0.0120	NA	< 0.025	< 0.025	< 0.0255	< 0.0263	0.14	0.099	0.0564

Notes:
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Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
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<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-S15 MW-S15-20170410-2 4/10/2017 17D0409	MW-S15 MW-S15-081517-1 8/15/2017 17H0897	MW-S15 MW-S15-081517-2 8/15/2017 17H0897	MW-S15 MW-S15-111517-1 11/15/2017 17K0912	MW-S15 MW-S15-111517-2 11/15/2017 17K0912	MW-S15 MW-S15-030618-1 3/6/2018 18C0227	MW-S15 MW-S15-030618-2 3/6/2018 18C0227	MW-S15 MW-S15-062818-1 6/28/2018 18F1460	MW-S15 MW-S15-062818-2 6/28/2018 18F1460	MW-S15 MW-S15 092518-1 9/25/2018 GCB38518	MW-S15 MW-S15-092518-1 9/25/2018 18I1109	MW-S15 MW-S15 092518-2 9/25/2018 GCB38518	MW-S15 MW-S15-092518-2 9/25/2018 18I1109	MW-S15 MW-S15-121318-1 12/13/2018 18L0663
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.047	NA	< 0.047	NA	< 0.039
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0056	< 0.0053 UJ	< 0.0053 UJ	< 0.0052	< 0.0051	< 0.0051	< 0.0052	< 0.0051	< 0.0051	NA	< 0.0047	NA	< 0.0046	< 0.0052
Dichlorobiphenyl	NE	NE	0.0064	0.0069 J	0.0075 J	0.010	0.0075	0.0019	0.0042	0.0049	0.0088	0.0036	0.0071	0.0088	0.0071	0.0043
Heptachlorobiphenyl	NE	NE	< 0.0033	< 0.0032 UJ	< 0.0032 UJ	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.0031	NA	< 0.0028	NA	< 0.0028	< 0.0031
Hexachlorobiphenyl	NE	NE	< 0.0022	< 0.0021 UJ	< 0.0021 UJ	< 0.0021	< 0.0020	< 0.0020	< 0.0021	< 0.0020	< 0.0020	NA	< 0.0019	NA	< 0.0018	< 0.0021
Monochlorobiphenyl	NE	NE	< 0.0011	< 0.0011 UJ	< 0.0011 UJ	0.0023	< 0.0010	< 0.0010	0.0012	< 0.0010	0.0042	NA	< 0.00095	NA	< 0.00092	< 0.0010
Nonachlorobiphenyl	NE	NE	< 0.0056	< 0.0053 UJ	< 0.0053 UJ	< 0.0052	< 0.0051	< 0.0051	< 0.0052	< 0.0051	< 0.0051	NA	< 0.0047	NA	< 0.0046	< 0.0052
Octachlorobiphenyl	NE	NE	< 0.0033	< 0.0032 UJ	< 0.0032 UJ	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.0031	< 0.0031	NA	< 0.0028	NA	< 0.0028	< 0.0031
Pentachlorobiphenyl	NE	NE	< 0.0022	0.0054 J	0.0089 J	0.028	0.021	0.0076	0.0059	< 0.0020	0.0032	NA	0.0027	NA	0.0027	0.0030
Tetrachlorobiphenyl	NE	NE	0.034	0.029 J	0.040 J	0.093	0.078	0.026	0.025	0.015	0.015	NA	0.018	NA	0.024	0.017
Trichlorobiphenyl	NE	NE	0.032	0.028 J	0.032 J	0.057	0.043	0.016	0.017	0.013	0.014	NA	0.017	NA	0.016	0.015
Total PCB Homologues	0.5	0.5	0.0724	0.070 J	0.088 J	0.1903	0.1495	0.052	0.0533	0.0329	0.0452	NA	0.041	NA	0.050	0.040

Notes:
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Orange highlighted cells exceed GWPC
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NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
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**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-S15 MW-S15-121318-2 12/13/2018 18L0663	MW-S15 MW-S15-041619-1 4/16/2019 19D0862	MW-S15 MW-S15-041619-2 4/16/2019 19D0862	MW-S15 MW-S15-071619-1 7/16/2019 19G0869	MW-S15 MW-S15-071719-2 7/16/2019 19G0869	MW-S15 MW-S15-102319-1 10/23/2019 19J1470	MW-S15 MW-S15-102319-2 10/23/2019 19J1470	MW-S15 MW-S15-012020-1 1/20/2020 20A0885	MW-S15 MW-S15-040820-1 4/8/2020 20D0340	MW-S15 MW-S15-070820-1 7/8/2020 20G0356	MW-S15 MW-S15-110620-1 11/6/2020 20K0339	MW-T23 MW-T23-021313-1 2/13/2013 SB64588	MW-T23 MW-T23-051413-1 5/14/2013 SB69668	MW-T23 MW-T23-051513-1 5/15/2013 SB69668
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	< 0.040	< 0.038	< 0.040	< 0.039	< 0.039	< 0.040	< 0.040	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0052	< 0.0049	< 0.0050	< 0.0050	< 0.0050	< 0.0049	< 0.0048	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.025	NA	< 0.0278
Dichlorobiphenyl	NE	NE	0.0047	0.0038	0.0030	0.0039	0.0031	0.0043	0.0040	0.0038	0.0032	0.0032	0.0054	< 0.005	NA	< 0.00556
Heptachlorobiphenyl	NE	NE	< 0.0031	< 0.0029	< 0.0030	< 0.0030	< 0.0030	< 0.0029	< 0.0029	< 0.0029	< 0.0030	< 0.0030	< 0.0029	< 0.015	NA	< 0.0167
Hexachlorobiphenyl	NE	NE	< 0.0021	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0019	< 0.0019	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.01	NA	< 0.0111
Monochlorobiphenyl	NE	NE	< 0.0010	< 0.00098	< 0.0010	< 0.0010	< 0.0010	< 0.00097	< 0.00096	< 0.00098	< 0.00099	< 0.00099	< 0.00098	< 0.005	NA	< 0.00556
Nonachlorobiphenyl	NE	NE	< 0.0052	< 0.0049	< 0.0050	< 0.0050	< 0.0050	< 0.0049	< 0.0048	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.025	NA	< 0.0278
Octachlorobiphenyl	NE	NE	< 0.0031	< 0.0029	< 0.0030	< 0.0030	< 0.0030	< 0.0029	< 0.0029	< 0.0029	< 0.0030	< 0.0030	< 0.0029	< 0.015	NA	< 0.0167
Pentachlorobiphenyl	NE	NE	< 0.0021	0.0023	< 0.0020	< 0.0020	< 0.0020	0.0031	0.0025	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.01	NA	< 0.0111
Tetrachlorobiphenyl	NE	NE	0.013	0.016	0.016	0.012	0.011	0.017	0.016	0.013	0.0088	0.010	0.015	< 0.01	NA	< 0.0111
Trichlorobiphenyl	NE	NE	0.015	0.015	0.016	0.014	0.013	0.014	0.016	0.013	0.0096	0.012	0.016	< 0.005	NA	< 0.00556
Total PCB Homologues	0.5	0.5	0.033	0.036	0.036	0.029	0.027	0.038	0.039	0.0298	0.022	0.025	0.036	< 0.025	NA	< 0.0278

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-T23 MW-T23-08212013-1 8/21/2013 SB75529	MW-T23 MW-T23-11132013-1 11/13/2013 SB80319	MW-T23 MW-T23-04162014-1 4/16/2014 SB87783	MW-T23 MW-T23-092214-1 9/22/2014 14090840	MW-T23 MW-T23-121514-1 12/15/2014 14120375	MW-T23 MW-T23-102815 10/28/2015 15100753	MW-T23 MW-T23-011316 1/13/2016 16010232	MW-T23 MW-T23-041216 4/12/2016 16040249	MW-T23 MW-T23-082516 8/25/2016 16080630	MW-T23 MW-T23-122016-1 12/20/2016 16L0972	MW-T23 MW-T23-20170412-1 4/12/2017 17D0656	MW-T23 MW-T23-081817-1 8/18/2017 17H1062	MW-T23 MW-T23-111617-1 11/16/2017 17K1027	MW-T23 MW-T23-030818-1 3/6/2018 18C0346
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	< 0.2	< 0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	0.073	0.070	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	0.093	0.085	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	0.076	0.068	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	0.070	0.068	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	0.090	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	0.073	0.065	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	< 0.050	0.056	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	0.179	0.118	0.081	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	0.068	0.076	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	0.061	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	0.173	0.118	0.071	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0060	NA	< 0.0060	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	0.0224	NA	0.0291	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	1.55	NA	1.71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	0.0064	NA	0.0072	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	< 0.0025	NA	< 0.0025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	110	127	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	0.167	NA	0.222	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	0.110	NA	0.139	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	82.6	219	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	0.0858	NA	0.0949	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	43.6	142	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	3.78	8.77	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.00020	NA	< 0.00020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	0.0666	NA	0.0852	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	33.3	80.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.0150	NA	< 0.0150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	< 0.0050	NA	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	76.4	68.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	< 0.0050	NA	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	0.154	NA	0.201	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	0.221	NA	0.292	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-T23 MW-T23-08212013-1 8/21/2013 SB75529	MW-T23 MW-T23-11132013-1 11/13/2013 SB80319	MW-T23 MW-T23-04162014-1 4/16/2014 SB87783	MW-T23 MW-T23-092214-1 9/22/2014 14090840	MW-T23 MW-T23-121514-1 12/15/2014	MW-T23 MW-T23-102815 10/28/2015 15100753	MW-T23 MW-T23-011316 1/13/2016 16010232	MW-T23 MW-T23-041216 4/12/2016 16040249	MW-T23 MW-T23-082516 8/25/2016 16080630	MW-T23 MW-T23-122016-1 12/20/2016 16L0972	MW-T23 MW-T23-20170412-1 4/12/2017 17D0656	MW-T23 MW-T23-081817-1 8/18/2017 17H1062	MW-T23 MW-T23-111617-1 11/16/2017 17K1027	MW-T23 MW-T23-030818-1 3/6/2018 18C0346
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0305	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0278	< 0.0258	< 0.0050	< 0.0050	< 0.0050 UJ	< 0.0050	< 0.0050
Dichlorobiphenyl	NE	NE	< 0.0061	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.00556	< 0.00516	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.0010	< 0.0010
Heptachlorobiphenyl	NE	NE	< 0.0183	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0167	< 0.0155	< 0.0030	< 0.0030	< 0.0030 UJ	< 0.0030	< 0.0030
Hexachlorobiphenyl	NE	NE	< 0.0122	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0111	< 0.0103	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0020	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.0061	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.00556	< 0.00516	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.0010	< 0.0010
Nonachlorobiphenyl	NE	NE	< 0.0305	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0278	< 0.0258	< 0.0050	< 0.0050	< 0.0050 UJ	< 0.0050	< 0.0050
Octachlorobiphenyl	NE	NE	< 0.0183	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0167	< 0.0155	< 0.0030	< 0.0030	< 0.0030 UJ	< 0.0030	< 0.0030
Pentachlorobiphenyl	NE	NE	< 0.0122	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0111	< 0.0103	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0020	< 0.0020
Tetrachlorobiphenyl	NE	NE	< 0.0122	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0111	< 0.0103	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0020	< 0.0020
Trichlorobiphenyl	NE	NE	< 0.0061	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.00556	< 0.00516	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.0010	< 0.0010
Total PCB Homologues	0.5	0.5	< 0.0305	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0278	< 0.0258	< 0.0050	< 0.0050	< 0.0050 UJ	< 0.0050	< 0.0050

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
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NE = Criterion has not been established
NA = Not analyzed for specific constituent
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mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-T23 MW-T23-062818-1 6/28/2018 18F1460	MW-T23 MW-T23-092818-1 9/28/2018 18I1338	MW-T23 MW-T23-121318-1 12/13/2018 18L0663	MW-U20 MW-U20-041719-1 4/17/2019 19D0928	MW-U20 MW-U20-071619-1 7/16/2019 19G0888	MW-U20 MW-U20-111319-1 11/13/2019 19K0760	MW-U20 MW-U20-012020-1 1/20/2020 20A0885	MW-U20 MW-U20-040720-1 4/7/2020 20D0295	MW-U20 MW-U20-070920-1 7/9/2020 20G0415	MW-V12 MW-V12-021413-1 2/14/2013 SB64588	MW-V12 MW-V12-051513-1 5/15/2013 SB69668	MW-V12 MW-V12-08202013-1 8/20/2013 SB75322	MW-V12 MW-V12-11132013-1 11/13/2013 SB80244	MW-V12 MW-V12-04172014-1 4/17/2014 SB87951
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	< 0.15	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Acetone	700	10000	NA	NA	NA	< 10	NA	NA	NA	NA	NA	176	< 10.0	< 10.0	< 10.0	< 10.0
Chloroform	6	14100	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Chloromethane	18	10000	NA	NA	NA	< 0.60	NA	NA	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Naphthalene	280	210	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
p-Isopropyltoluene	25	200	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Tetrachloroethylene	5	88	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Tetrahydrofuran	4	9600	NA	NA	NA	< 10	NA	NA	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Toluene	1000	4000000	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	11.1	< 1.00
Trichloroethene	5	2340	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	0.066	0.064	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	0.056	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0060	< 0.0060	< 0.0060	< 0.0060	NA
Arsenic	0.05	0.004	NA	NA	NA	0.00068	0.0035	0.0048	0.01	0.0074	0.0097	< 0.0040	< 0.0040	< 0.0040	< 0.0040	NA
Barium	1	2.2	NA	NA	NA	0.2	0.62	0.46	0.37	0.36	0.34	0.750	0.473	0.622	0.812	NA
Beryllium	0.004	0.004	NA	NA	NA	< 0.00040	0.00058	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA
Cadmium	0.005	0.006	NA	NA	NA	< 0.00050	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	90.6	91.6	108	111	NA
Chromium	0.05	NE	NA	NA	NA	0.0016	0.02	0.0027	0.0021	< 0.0010	0.0021	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	< 0.0050	0.011	0.0068	0.0024	0.0017	0.0018	0.0056	< 0.0050	< 0.0050	< 0.0050	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.80	14.8	16.6	22.4	NA
Lead	0.015	0.013	NA	NA	NA	0.0011	0.011	0.0026	0.00087	0.00071	< 0.00050	< 0.0075	< 0.0075	< 0.0075	< 0.0075	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	46.0	42.1	52.2	52.0	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.360	0.263	0.313	0.346	NA
Mercury	0.002	0.0004	NA	NA	NA	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA
Nickel	0.1	0.88	NA	NA	NA	< 0.0050	0.012	0.0052	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0088	< 0.0050	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	43.4	42.9	45.8	43.5	NA
Selenium	0.05	0.05	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0150	< 0.0150	< 0.0150	< 0.0150	NA
Silver	0.036	0.012	NA	NA	NA	< 0.00050	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	168	203	219	200	NA
Thallium	0.005															

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-T23 MW-T23-062818-1 6/28/2018 18F1460	MW-T23 MW-T23-092818-1 9/28/2018 18I1338	MW-T23 MW-T23-121318-1 12/13/2018 18L0663	MW-U20 MW-U20-041719-1 4/17/2019 19D0928	MW-U20 MW-U20-071619-1 7/16/2019 19G0888	MW-U20 MW-U20-111319-1 11/13/2019 19K0760	MW-U20 MW-U20-012020-1 1/20/2020 20A0885	MW-U20 MW-U20-040720-1 4/7/2020 20D0295	MW-U20 MW-U20-070920-1 7/9/2020 20G0415	MW-V12 MW-V12-021413-1 2/14/2013 SB64588	MW-V12 MW-V12-051513-1 5/15/2013 SB69668	MW-V12 MW-V12-08202013-1 8/20/2013 SB75322	MW-V12 MW-V12-11132013-1 11/13/2013 SB80244	MW-V12 MW-V12-04172014-1 4/17/2014 SB87951
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0052	< 0.0050	< 0.0048	< 0.0051	< 0.0051	NA	NA	NA	NA	< 0.025	< 0.025	< 0.025	< 0.0255	< 1.25
Dichlorobiphenyl	NE	NE	< 0.0010	< 0.0010	< 0.00096	< 0.0010	< 0.0010	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.0051	< 0.25
Heptachlorobiphenyl	NE	NE	< 0.0031	< 0.0030	< 0.0029	< 0.0031	< 0.0031	NA	NA	NA	NA	< 0.015	< 0.015	< 0.015	< 0.0153	< 0.75
Hexachlorobiphenyl	NE	NE	< 0.0021	< 0.0020	< 0.0019	< 0.0020	< 0.0020	NA	NA	NA	NA	< 0.01	< 0.01	< 0.01	< 0.0102	< 0.5
Monochlorobiphenyl	NE	NE	0.0013	< 0.0010	< 0.00096	0.0016	0.0031	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.0051	< 0.25
Nonachlorobiphenyl	NE	NE	< 0.0052	< 0.0050	< 0.0048	< 0.0051	< 0.0051	NA	NA	NA	NA	< 0.025	< 0.025	< 0.025	< 0.0255	< 1.25
Octachlorobiphenyl	NE	NE	< 0.0031	< 0.0030	< 0.0029	< 0.0031	< 0.0031	NA	NA	NA	NA	< 0.015	< 0.015	< 0.015	< 0.0153	< 0.75
Pentachlorobiphenyl	NE	NE	< 0.0021	< 0.0020	< 0.0019	< 0.0020	< 0.0020	NA	NA	NA	NA	< 0.01	< 0.01	< 0.01	< 0.0102	< 0.5
Tetrachlorobiphenyl	NE	NE	< 0.0021	< 0.0020	< 0.0019	< 0.0020	< 0.0020	NA	NA	NA	NA	< 0.01	< 0.01	< 0.01	< 0.0102	< 0.5
Trichlorobiphenyl	NE	NE	< 0.0010	< 0.0010	< 0.00096	< 0.0010	< 0.0010	NA	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.0051	< 0.25
Total PCB Homologues	0.5	0.5	0.0013	ND	ND	0.0016	0.0031	NA	NA	NA	NA	< 0.025	< 0.025	< 0.025	< 0.0255	< 1.25

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-V12 MW-V12-121714-1 12/17/2014 14120417	MW-V12 MW-V12-041316 4/13/2016 16040311	MW-V12 MW-V12-082516 8/25/2016 16080629	MW-V12 MW-V12-122116-1 12/21/2016 16L1029	MW-V12 MW-V12-20170412-1 4/12/2017 17D0505	MW-V12 MW-V12-081517-1 8/15/2017 17H0897	MW-V12 MW-V12-111517-1 11/15/2017 17K0912	MW-V12 MW-V12-030618-1 3/6/2018 18C0227	MW-V12 MW-V12-071619-1 7/16/2019 19G0869	MW-V12 MW-V12-102419-1 10/24/2019 19J1561	MW-V12 MW-V12-102419-2 10/24/2019 19J1561	MW-V12 MW-V12-110620-1 11/6/2020 20K0339	MW-V16 MW-V16-012020-1 1/20/2020 20A0896	MW-V16 MW-V16-040820-1 4/8/2020 20D0340
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-V12 MW-V12-121714-1 12/17/2014 14120417	MW-V12 MW-V12-041316 4/13/2016 16040311	MW-V12 MW-V12-082516 8/25/2016 16080629	MW-V12 MW-V12-122116-1 12/21/2016 16L1029	MW-V12 MW-V12-20170412-1 4/12/2017 17D0505	MW-V12 MW-V12-081517-1 8/15/2017 17H0897	MW-V12 MW-V12-111517-1 11/15/2017 17K0912	MW-V12 MW-V12-030618-1 3/6/2018 18C0227	MW-V12 MW-V12-071619-1 7/16/2019 19G0869	MW-V12 MW-V12-102419-1 10/24/2019 19J1561	MW-V12 MW-V12-102419-2 10/24/2019 19J1561	MW-V12 MW-V12-110620-1 11/6/2020 20K0339	MW-V16 MW-V16-012020-1 1/20/2020 20A0896	MW-V16 MW-V16-040820-1 4/8/2020 20D0340
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.025	< 0.0272	< 0.0258	< 0.0050	< 0.0050	< 0.0056 UJ	< 0.0052	< 0.0048	0.024	< 0.0049	< 0.0049	< 0.0050	< 0.0052	< 0.0049
Dichlorobiphenyl	NE	NE	< 0.005	< 0.00544	< 0.00516	< 0.0010	0.0012	< 0.0011 UJ	< 0.0010	< 0.00096	0.011	0.0013	< 0.00098	0.0019	0.0012	< 0.00098
Heptachlorobiphenyl	NE	NE	< 0.015	< 0.0163	< 0.0155	< 0.0030	< 0.0030	< 0.0033 UJ	< 0.0031	< 0.0029	0.019	< 0.0029	0.0035	< 0.0030	< 0.0031	< 0.0029
Hexachlorobiphenyl	NE	NE	< 0.01	< 0.0109	< 0.0103	0.0030	< 0.0020	< 0.0022 UJ	0.012	0.0031	0.030	0.029	0.036	0.022	< 0.0021	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.005	< 0.00544	< 0.00516	< 0.0010	< 0.0010	< 0.0011 UJ	< 0.0010	< 0.00096	0.010	< 0.00097	< 0.00098	< 0.0010	< 0.0010	< 0.00098
Nonachlorobiphenyl	NE	NE	< 0.025	< 0.0272	< 0.0258	< 0.0050	< 0.0050	< 0.0056 UJ	< 0.0052	< 0.0048	0.025	< 0.0049	< 0.0049	< 0.0050	< 0.0052	< 0.0049
Octachlorobiphenyl	NE	NE	< 0.015	< 0.0163	< 0.0155	< 0.0030	< 0.0030	< 0.0033 UJ	< 0.0031	< 0.0029	0.015	< 0.0029	< 0.0029	< 0.0030	< 0.0031	< 0.0029
Pentachlorobiphenyl	NE	NE	< 0.01	< 0.0109	< 0.0103	0.043	0.021	0.010 J	0.13	0.048	0.19	0.20	0.22	0.22	< 0.0021	< 0.0020
Tetrachlorobiphenyl	NE	NE	0.0186	0.0622	< 0.0103	0.12	0.057	0.040 J	0.26	0.11	0.54	0.25	0.27	0.50	< 0.0021	< 0.0020
Trichlorobiphenyl	NE	NE	0.0145	< 0.00544	< 0.00516	0.024	0.013	0.015 J	0.043	0.017	0.060	0.019	0.021	0.041	< 0.0021	< 0.0020
Total PCB Homologues	0.5	0.5	0.0332	0.0622	< 0.0258	0.18	0.0922	0.065 J	0.445	0.1781	0.93	0.49	0.55	0.78	0.0012	< 0.0049

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-V16 MW-V16-070820-1 7/8/2020 20G0356	MW-V16 MW-V16-110620-1 11/6/2020 20K0339	MW-V18 MW-V18-021213-1 2/12/2013 SB64419	MW-V18 MW-V18-051413-1 5/14/2013 SB69540	MW-V18 MW-V18-08202013-1 8/20/2013 SB75322	MW-V18 MW-V18-11112013-1 11/11/2013 SB80164	MW-V18 MW-V18-04162014-1 4/16/2014 SB87931	MW-V18 MW-V18-092314-1 9/23/2014 14090840	MW-V18 MW-V18-121514-1 12/15/2014 14120375	MW-V18 MW-V18-071515-1 7/15/2015 15070383	MW-V18 MW-V18-102715 10/27/2015 15100668	MW-V18 MW-V18-011316 1/13/2016 16010232	MW-V18 MW-V18-041416 4/14/2016 16040313	MW-V18 MW-V18-082616 8/26/2016 16080630
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0049	< 0.0049	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0255	< 0.0284	< 0.0263
Dichlorobiphenyl	NE	NE	0.0031	0.0030	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0051	< 0.00568	< 0.00526
Heptachlorobiphenyl	NE	NE	< 0.0029	< 0.0029	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0153	< 0.017	< 0.0158
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0102	< 0.0114	< 0.0105
Monochlorobiphenyl	NE	NE	0.0024	0.0015	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0051	< 0.00568	< 0.00526
Nonachlorobiphenyl	NE	NE	< 0.0049	< 0.0049	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0255	< 0.0284	< 0.0263
Octachlorobiphenyl	NE	NE	< 0.0029	< 0.0029	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0153	< 0.017	< 0.0158
Pentachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0102	< 0.0114	< 0.0105
Tetrachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0102	< 0.0114	< 0.0105
Trichlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0051	0.0105	< 0.00526
Total PCB Homologues	0.5	0.5	0.0055	0.0045	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0255	0.0105	< 0.0263

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-V18 MW-V18-122016-1 12/20/2016 16L0972	MW-V18 MW-V18-20170413-1 4/13/2017 17D0656	MW-V18 MW-V18-081717-1 8/17/2017 17H1062	MW-V18 MW-V18-111417-1 11/14/2017 17K0813	MW-V18 MW-V18-030818-1 3/6/2018 18C0346	MW-V18 MW-V18-062818-1 6/28/2018 18F1460	MW-V18 MW-V18-092618-1 9/26/2018 18I1195	MW-V18 MW-V18-121318-1 12/13/2018 18L0663	MW-V18 MW-V18-041619-1 4/16/2019 19D0862	MW-V18 MW-V18-041619-2 4/16/2019 19D0862	MW-V18 MW-V18-071619-1 7/16/2019 19G0869	MW-V18 MW-V18-102419-1 10/24/2019 19J1561	MW-V18 MW-V18-012020-1 1/20/2020 20A0896	MW-V18 MW-V18-070820-1 7/8/2020 20G0356
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-V18 MW-V18-122016-1 12/20/2016 16L0972	MW-V18 MW-V18-20170413-1 4/13/2017 17D0656	MW-V18 MW-V18-081717-1 8/17/2017 17H1062	MW-V18 MW-V18-111417-1 11/14/2017 17K0813	MW-V18 MW-V18-030818-1 3/6/2018 18C0346	MW-V18 MW-V18-062818-1 6/28/2018 18F1460	MW-V18 MW-V18-092618-1 9/26/2018 18I1195	MW-V18 MW-V18-121318-1 12/13/2018 18L0663	MW-V18 MW-V18-041619-1 4/16/2019 19D0862	MW-V18 MW-V18-041619-2 4/16/2019 19D0862	MW-V18 MW-V18-071619-1 7/16/2019 19G0869	MW-V18 MW-V18-102419-1 10/24/2019 19J1561	MW-V18 MW-V18-012020-1 1/20/2020 20A0896	MW-V18 MW-V18-070820-1 7/8/2020 20G0356
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0050	< 0.0050	< 0.0050 UJ	< 0.0046	< 0.0052	< 0.0051	< 0.0051	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0052	< 0.0049
Dichlorobiphenyl	NE	NE	0.0094	0.0091	0.015 J	0.015	0.0025	0.0073	0.014	0.015	0.011	0.0092	0.016	0.012	0.0072	0.0049
Heptachlorobiphenyl	NE	NE	< 0.0030	< 0.0030	< 0.0030 UJ	< 0.0028	< 0.0031	< 0.0031	< 0.0031	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0032	< 0.0031	< 0.0029
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0021	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0022	< 0.0021	< 0.0019
Monochlorobiphenyl	NE	NE	< 0.0010	0.0023	< 0.0010 UJ	< 0.00093	< 0.0010	0.0024	0.0011	< 0.00099	0.0024	< 0.00099	< 0.0010	< 0.0011	< 0.0010	< 0.00097
Nonachlorobiphenyl	NE	NE	< 0.0050	< 0.0050	< 0.0050 UJ	< 0.0046	< 0.0052	< 0.0051	< 0.0051	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0054	< 0.0052	< 0.0049
Octachlorobiphenyl	NE	NE	< 0.0030	< 0.0030	< 0.0030 UJ	< 0.0028	< 0.0031	< 0.0031	< 0.0031	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0032	< 0.0031	< 0.0029
Pentachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	0.0068	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0022	< 0.0021	< 0.0019
Tetrachlorobiphenyl	NE	NE	0.037	0.015	0.037 J	0.022	0.031	0.0090	0.022	0.024	0.017	0.016	0.029	0.025	0.016	0.023
Trichlorobiphenyl	NE	NE	0.036	0.022	0.045 J	0.042	0.015	0.016	0.039	0.038	0.021	0.021	0.043	0.031	0.021	0.019
Total PCB Homologues	0.5	0.5	0.083	0.0484	0.097 J	0.079	0.0553	0.0347	0.075	0.077	0.052	0.047	0.088	0.068	0.0442	0.0469

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-V18 MW-V18-110520-1 11/5/2020 20K0256	MW-X17 MW-X17-021213-1 2/12/2013 SB64419	MW-X17 MW-X17-051513-1 5/15/2013 SB69668	MW-X17 MW-X17-08202013-1 8/20/2013 SB75322	MW-X17 MW-X17-11112013-1 11/11/2013 SB80164	MW-X17 MW-X17-04162014-1 4/16/2014 SB87931	MW-X17 MW-X17-092314-1 9/23/2014 14090840	MW-X17 MW-X17-121514-1 12/15/2014 14120375	MW-X17 MW-X17-071515-1 7/15/2015 15070383	MW-X17 MW-X17-102715 10/27/2015 15100668	MW-X17 MW-X17-011316 1/13/2016 16010232	MW-X17 MW-X17-041416 4/14/2016 16040313	MW-X17 MW-X17-082616 8/26/2016 16080630	MW-X17 MW-X17-122016-1 12/20/2016 16L0972
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	< 0.2	< 0.2	< 0.2	< 0.2	0.6	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	< 0.2	< 0.2	< 0.2	< 0.2	0.6	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	< 0.2	< 0.2	< 0.2	< 0.2	0.6	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	25.7	< 10.0	19.9	< 10.0	< 10.0	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	< 2.00	< 2.00	42.7	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	< 1.00	1.97	3.81	4.25	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	NA	< 0.0040	< 0.0040	0.0051	< 0.0040	< 0.0040	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	NA	1.67	2.24	2.90	3.00	0.406	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	NA	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	NA	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	218	314	321	314	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0118	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	NA	44.8	107	142	168	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	< 0.0075	0.0119	0.0125	0.0112	< 0.0075	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	39.0	93.4	103	114	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	3.54	7.97	11.4	15.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	NA	< 0.0050	0.0062	0.0068	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	37.6	65.9	74.0	55.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	< 0.0150	< 0.0150	< 0.0150	< 0.0150	< 0.0150	NA	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	2940	2000	1890	1400	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	< 0.0050	< 0.0050	< 0.0250	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	NA													

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-V18 MW-V18-110520-1 11/5/2020 20K0256	MW-X17 MW-X17-021213-1 2/12/2013 SB64419	MW-X17 MW-X17-051513-1 5/15/2013 SB69668	MW-X17 MW-X17-08202013-1 8/20/2013 SB75322	MW-X17 MW-X17-11112013-1 11/11/2013 SB80164	MW-X17 MW-X17-04162014-1 4/16/2014 SB87931	MW-X17 MW-X17-092314-1 9/23/2014 14090840	MW-X17 MW-X17-121514-1 12/15/2014 14120375	MW-X17 MW-X17-071515-1 7/15/2015 15070383	MW-X17 MW-X17-102715 10/27/2015 15100668	MW-X17 MW-X17-011316 1/13/2016 16010232	MW-X17 MW-X17-041416 4/14/2016 16040313	MW-X17 MW-X17-082616 8/26/2016 16080630	MW-X17 MW-X17-122016-1 12/20/2016 16L0972
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0050	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0284	< 0.0253	< 0.0050
Dichlorobiphenyl	NE	NE	0.0085	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.00568	< 0.00505	< 0.0010
Heptachlorobiphenyl	NE	NE	< 0.0030	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.017	< 0.0152	< 0.0030
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0114	< 0.0101	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.00099	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.00568	< 0.00505	< 0.0010
Nonachlorobiphenyl	NE	NE	< 0.0050	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0284	< 0.0253	< 0.0050
Octachlorobiphenyl	NE	NE	< 0.0030	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.017	< 0.0152	< 0.0030
Pentachlorobiphenyl	NE	NE	< 0.0020	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0114	< 0.0101	< 0.0020
Tetrachlorobiphenyl	NE	NE	0.024	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0114	< 0.0101	< 0.0020
Trichlorobiphenyl	NE	NE	0.026	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.00568	< 0.00505	< 0.0010
Total PCB Homologues	0.5	0.5	0.058	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0284	< 0.0253	< 0.0050

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-X17 MW-X17-20170410-1 4/10/2017 17D0409	MW-X17 MW-X17-081717-1 8/17/2017 17H1062	MW-X17 MW-X17-111417-1 11/14/2017 17K0813	MW-X17 MW-X17-030818-1 3/6/2018 18C0346	MW-X17 MW-X17-062618-1 6/26/2018 18F1321	MW-X17 MW-X17-092618-1 9/26/2018 18I1195	MW-X17 MW-X17-121318-1 12/13/2018 18L0663	MW-X17 MW-X17-041619-1 4/16/2019 19D0862	MW-X17 MW-X17-071619-1 7/16/2019 19G0869	MW-X17 MW-X17-102419-1 10/24/2019 19J1561	MW-X17 MW-X17-012020-1 1/20/2020 20A0896	MW-X17 MW-X17-040720-1 4/7/2020 20D0295	MW-X17 MW-X17-070820-1 7/8/2020 20G0356	MW-X17 MW-X17-110520-1 11/5/2020 20K0256
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.35	0.40	0.62	0.44
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	NA	NA	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	NA	NA	< 0.00080	< 0.00080	0.0015	< 0.00080	0.0023	0.0011	0.0040
Barium	1	2.2	NA	NA	NA	NA	NA	NA	NA	4.6	4.1	2.2	2.4	1.6	1.2	0.48
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	NA	NA	< 0.00050	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	NA	NA	0.0030	0.0025	0.0010	0.0013	< 0.0010	0.0018	0.0015
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	NA	NA	0.02	0.049	0.11	0.092	0.022	0.021	0.01
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	NA	NA	< 0.0010	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	NA	NA	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Nickel	0.1	0.88	NA	NA	NA	NA	NA	NA	NA	0.01	0.0077	0.0060	0.0058	0.0073	< 0.0050	0.0061
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Silver	0.036	0.012	NA	NA	NA	NA	NA	NA	NA	< 0.00050	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	NA	NA	NA	NA	NA	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Vanadium	0.05	0.27	NA	NA	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Zinc	5	0.123	NA	NA	NA	NA	NA	NA	NA	0.075	0.031	0.044	0.024	0.16	0.012	0.6

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-X17 MW-X17-20170410-1 4/10/2017 17D0409	MW-X17 MW-X17-081717-1 8/17/2017 17H1062	MW-X17 MW-X17-111417-1 11/14/2017 17K0813	MW-X17 MW-X17-030818-1 3/6/2018 18C0346	MW-X17 MW-X17-062618-1 6/26/2018 18F1321	MW-X17 MW-X17-092618-1 9/26/2018 18I1195	MW-X17 MW-X17-121318-1 12/13/2018 18L0663	MW-X17 MW-X17-041619-1 4/16/2019 19D0862	MW-X17 MW-X17-071619-1 7/16/2019 19G0869	MW-X17 MW-X17-102419-1 10/24/2019 19J1561	MW-X17 MW-X17-012020-1 1/20/2020 20A0896	MW-X17 MW-X17-040720-1 4/7/2020 20D0295	MW-X17 MW-X17-070820-1 7/8/2020 20G0356	MW-X17 MW-X17-110520-1 11/5/2020 20K0256
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0050	< 0.0051 UJ	< 0.0046	< 0.0050	< 0.0050	< 0.0052	< 0.0050	< 0.0049	< 0.0050	< 0.0052	< 0.0052	< 0.0049	< 0.0050	< 0.0049
Dichlorobiphenyl	NE	NE	< 0.0010	< 0.0010 UJ	0.081	< 0.0010	0.0056	0.0042	< 0.0010	0.0051	< 0.0010	< 0.0010	< 0.0010	< 0.00097	0.0043	< 0.00098
Heptachlorobiphenyl	NE	NE	< 0.0030	< 0.0031 UJ	< 0.0028	< 0.0030	< 0.0030	< 0.0031	< 0.0030	< 0.0029	< 0.0030	< 0.0031	< 0.0031	< 0.0029	< 0.0030	< 0.0029
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0020	< 0.0020	< 0.0021	< 0.0020	< 0.0020	0.0038	< 0.0021	< 0.0021	< 0.0019	< 0.0020	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.0010	< 0.0010 UJ	< 0.00093	< 0.0010	0.0033	0.0016	< 0.0010	0.0086	< 0.0010	< 0.0010	< 0.0010	< 0.00097	0.0050	< 0.00098
Nonachlorobiphenyl	NE	NE	< 0.0050	< 0.0051 UJ	< 0.0046	< 0.0050	< 0.0050	< 0.0052	< 0.0050	< 0.0049	< 0.0050	< 0.0052	< 0.0052	< 0.0049	< 0.0050	< 0.0049
Octachlorobiphenyl	NE	NE	< 0.0030	< 0.0031 UJ	< 0.0028	< 0.0030	< 0.0030	< 0.0031	< 0.0030	< 0.0029	< 0.0030	< 0.0031	< 0.0031	< 0.0029	< 0.0030	< 0.0029
Pentachlorobiphenyl	NE	NE	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0020	< 0.0020	< 0.0021	< 0.0020	< 0.0020	< 0.0020	< 0.0021	< 0.0021	< 0.0019	< 0.0020	< 0.0020
Tetrachlorobiphenyl	NE	NE	< 0.0020	< 0.0020 UJ	0.050	0.0023	0.0022	< 0.0021	0.0097	< 0.0020	< 0.0020	< 0.0021	< 0.0021	< 0.0019	< 0.0020	< 0.0020
Trichlorobiphenyl	NE	NE	< 0.0010	< 0.0010 UJ	0.19	0.0022	0.0021	0.0035	0.0052	< 0.00098	< 0.0010	< 0.0010	< 0.0021	< 0.0019	< 0.0020	< 0.0020
Total PCB Homologues	0.5	0.5	< 0.0050	< 0.0051 UJ	0.321	0.0045	0.0132	0.0093	0.015	0.014	ND	ND	< 0.0052	< 0.0049	0.0093	ND

Notes:
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SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-Y15 MW-Y15-021413-1 2/14/2013 SB64588	MW-Y15 MW-Y15-051513-1 5/15/2013 SB69668	MW-Y15 MW-Y15-08202013-1 8/20/2013 SB75322	MW-Y15 MW-Y15-11122013-1 11/12/2013 SB80244	MW-Y15 MW-Y15-04172014-1 4/17/2014 SB87931	MW-Y15 MW-Y15-090414-1 9/4/2014 SB95779	MW-Y15 MW-Y15-092314-1 9/23/2014 14090840	MW-Y15 MW-Y15-121714-1 12/17/2014 SC01370	MW-Y15 MW-Y15-071515-1 7/15/2015 15070383	MW-Y15 MW-Y15-071515-1 7/15/2015 GBJ47837	MW-Y15 MW-Y15-102715 10/27/2015 GBK15071	MW-Y15 MW-Y15-011216 1/12/2016 16010232	MW-Y15 MW-Y15-041416 4/14/2016 16040313	MW-Y15 MW-Y15-082416 8/24/2016 GBN97446
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.025	< 0.025	< 0.025	< 0.05	< 0.025	NA	< 0.05	< 0.025	< 0.025	NA	NA	< 0.025	< 0.026	< 0.026
Dichlorobiphenyl	NE	NE	2.47	5.43	7.07	5.23	2.60	8.04	0.946	5.65	3.88	NA	NA	3.04	3.88	3.58
Heptachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.015	< 0.03	< 0.015	NA	< 0.03	< 0.015	< 0.015	NA	NA	< 0.015	< 0.0156	< 0.0156
Hexachlorobiphenyl	NE	NE	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	NA	< 0.02	< 0.01	< 0.01	NA	NA	< 0.01	< 0.0104	< 0.0104
Monochlorobiphenyl	NE	NE	1.69	4.46	4.59	4.15	1.18	NA	6.74	0.298	4.87	NA	NA	1.96	3.21	2.92
Nonachlorobiphenyl	NE	NE	< 0.025	< 0.025	< 0.025	< 0.05	< 0.025	NA	< 0.05	< 0.025	< 0.025	NA	NA	< 0.025	< 0.026	< 0.026
Octachlorobiphenyl	NE	NE	< 0.015	< 0.015	< 0.015	< 0.03	< 0.015	NA	< 0.03	< 0.015	< 0.015	NA	NA	< 0.015	< 0.0156	< 0.0156
Pentachlorobiphenyl	NE	NE	< 0.01	0.0465	0.246	< 0.02	< 0.01	NA	< 0.02	< 0.01	< 0.01	NA	NA	< 0.01	< 0.0104	< 0.0104
Tetrachlorobiphenyl	NE	NE	< 0.01	0.989	0.974	0.0828	0.144	NA	0.0334	0.276	0.0745	NA	NA	0.0835	0.135	0.0986
Trichlorobiphenyl	NE	NE	0.468	1.39	2.44	1.21	0.733	NA	1.52	0.773	1.14	NA	NA	0.938	0.932	0.916
Total PCB Homologues	0.5	0.5	4.63	12.3	15.3	10.7	4.66	NA	16.3	2.29	11.7	NA	NA	6.02	8.16	7.51

Notes:
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SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-Y15 MW-Y15-122116-1 12/21/2016 16L1029	MW-Y15 MW-Y15-20170412-1 4/12/2017 17D0505	MW-Y15 MW-Y15-082917-1 8/24/2017 GBY92749	MW-Y15 MW-Y15-111417-1 11/14/2017 17K0813	MW-Y15 MW-Y15-030618-1 3/6/2018 18C0227	MW-Y15 MW-Y15-062618-1 6/26/2018 18F1321	MW-Y15 MW-Y15-092618-1 9/26/2018 18I1195	MW-Y15 MW-Y15-121218-1 12/12/2018 18L0583	MW-Y15 MW-Y15-041719-1 4/17/2019 19D0928	MW-Y15 MW-Y15-071719-1 7/17/2019 19G0888	MW-Y15 MW-Y15-102319-1 10/23/2019 19J1470	MW-Y15 MW-Y15-012020-1 1/20/2020 20A0896	MW-Y15 MW-Y15-040820-1 4/8/2020 20D0340	MW-Y15 MW-Y15-070820-1 7/8/2020 20G0356	
CT ETPH (mg/l)																	
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	0.56	1.0	0.79	0.81	0.90	1.0	
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
VOCs (ug/l)																	
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	NA	
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	< 0.60	NA	NA	NA	NA	NA	
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	
SVOCs (ug/l)																	
2-Methylnaphthalene	28	62	< 0.05	0.06	0.09	< 0.05	NA	0.13	0.08	NA	< 0.97	< 0.96	< 0.96	NA	NA	NA	
Acenaphthene	420	150	0.52	0.35	0.39	0.34	NA	0.51	0.53	NA	0.54	0.60	0.40	NA	NA	NA	
Acenaphthylene	420	0.3	< 0.05	< 0.05	< 0.06	< 0.05	NA	< 0.05	< 0.05	NA	< 0.19	< 0.19	< 0.19	NA	NA	NA	
Anthracene	2000	1100000	0.12	0.08	0.07	0.08	NA	0.09	0.08	NA	< 0.19	< 0.19	< 0.19	NA	NA	NA	
Benzo(a)anthracene	0.06	0.3	< 0.05	< 0.05	< 0.06	< 0.05	NA	< 0.05	< 0.05	NA	< 0.049	< 0.048	< 0.048	NA	NA	NA	
Benzo(a)pyrene	0.2	0.3	< 0.05	< 0.05	< 0.06	< 0.05	NA	< 0.05	< 0.05	NA	< 0.097	< 0.096	< 0.096	NA	NA	NA	
Benzo(b)fluoranthene	0.08	0.3	< 0.05	< 0.05	< 0.06	< 0.05	NA	< 0.05	< 0.05	NA	< 0.049	< 0.048	< 0.048	NA	NA	NA	
Benzo(g,h,i)perylene	0.48	150	< 0.05	< 0.05	< 0.06	< 0.05	NA	< 0.05	< 0.05	NA	< 0.49	< 0.48	< 0.48	NA	NA	NA	
Benzo(k)fluoranthene	0.5	0.3	< 0.05	< 0.05	< 0.06	< 0.05	NA	< 0.05	< 0.05	NA	< 0.19	< 0.19	< 0.19	NA	NA	NA	
Chrysene	4.8	0.54	< 0.05	< 0.05	< 0.06	< 0.05	NA	< 0.05	< 0.05	NA	< 0.19	< 0.19	< 0.19	NA	NA	NA	
Dibenzo(a,h)anthracene	0.1	0.3	< 0.01	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01	NA	< 0.097	< 0.096	< 0.096	NA	NA	NA	
Fluoranthene	280	3700	< 0.05	< 0.05	< 0.06	< 0.05	NA	< 0.05	< 0.05	NA	< 0.49	< 0.48	< 0.48	NA	NA	NA	
Fluorene	280	140000	0.26	0.18	0.19	0.18	NA	0.27	0.31	NA	< 0.97	< 0.96	< 0.96	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	0.1	0.54	< 0.05	< 0.05	< 0.06	< 0.05	NA	< 0.05	< 0.05	NA	< 0.097	< 0.096	< 0.096	NA	NA	NA	
Naphthalene	280	210	< 0.10	< 0.10	< 0.11	< 0.10	NA	< 0.09	< 0.09	NA	< 0.97	< 0.96	< 0.96	NA	NA	NA	
Phenanthrene	200	0.077	0.05	< 0.05	< 0.06	< 0.05	NA	0.10	0.09	NA	0.093	0.086	0.063	NA	NA	NA	
Pyrene	200	110000	< 0.05	< 0.05	< 0.06	< 0.05	NA	< 0.05	< 0.05	NA	< 0.97	< 0.96	< 0.96	NA	NA	NA	
SVOC-SIMs (ug/l)																	
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	28	62	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthene	420	150	NA	NA	NA	NA	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthylene	420	0.3	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Anthracene	2000	1100000	NA	NA	NA	NA	0.06	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chrysene	4.8	0.54	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluoranthene	280	3700	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluorene	280	140000	NA	NA	NA	NA	0.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	280	210	NA	NA	NA	NA	< 0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Phenanthrene	200	0.077	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pyrene	200	110000	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Metals (mg/l)																	
Antimony	0.006	86	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.0050	< 0.0010	< 0.0010	0.0016	< 0.0010	< 0.0010	< 0.0010	
Arsenic	0.05	0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	0.0020	0.0024	0.0022	0.0018	0.0026	0.0020	0.0015	
Barium	1	2.2	0.672	0.490	0.688	0.486	0.479	0.700	0.584	0.65	0.5	0.72	0.48	0.58	0.57	0.75	
Beryllium	0.004	0.004	< 0.001	< 0.001	< 0.001	< 0.001	NA	< 0.001	< 0.001	< 0.0020	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	
Cadmium	0.005	0.006	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0025	< 0.00050	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chromium	0.05	NE	0.001	0.002	< 0.001	0.001	0.002	< 0.001	< 0.001	< 0.0050	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0021	< 0.0010	
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Copper	1.3	0.048	< 0.005	< 0.005	< 0.005	< 0.005	NA	< 0.005	< 0.005	< 0.025	< 0.0050	0.0013	0.0071	0.0010	0.0016	0.0020	
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lead	0.015	0.013	0.020	0.004	< 0.002	< 0.002	0.007	< 0.002	0.002	< 0.0050	< 0.0010	0.0020	0.0015	0.0050	0.0018	0.0012	
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Mercury	0.002	0.0004	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	
Nickel	0.1	0.88	0.003	0.004	< 0.001	0.002	NA	0.001	0.002	< 0.025	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Selenium	0.05	0.05	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.025	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0051	
Silver	0.036	0.012	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0025	< 0.00050	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	< 0.0005	NA	NA	NA	NA	NA	NA	NA	
Thallium	0.005	0.063	< 0.001	< 0.0005	< 0.001	< 0.001	NA	< 0.0005	NA	< 0.0010	< 0.00020						

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-Y15 MW-Y15-122116-1 12/21/2016 16L1029	MW-Y15 MW-Y15-20170412-1 4/12/2017 17D0505	MW-Y15 MW-Y15-082917-1 8/24/2017 GBY92749	MW-Y15 MW-Y15-111417-1 11/14/2017 17K0813	MW-Y15 MW-Y15-030618-1 3/6/2018 18C0227	MW-Y15 MW-Y15-062618-1 6/26/2018 18F1321	MW-Y15 MW-Y15-092618-1 9/26/2018 18I1195	MW-Y15 MW-Y15-121218-1 12/12/2018 18L0583	MW-Y15 MW-Y15-041719-1 4/17/2019 19D0928	MW-Y15 MW-Y15-071719-1 7/17/2019 19G0888	MW-Y15 MW-Y15-102319-1 10/23/2019 19J1470	MW-Y15 MW-Y15-012020-1 1/20/2020 20A0896	MW-Y15 MW-Y15-040820-1 4/8/2020 20D0340	MW-Y15 MW-Y15-070820-1 7/8/2020 20G0356
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	< 0.047	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0050	< 0.0051	< 0.0050 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0048	< 0.0050	< 0.0051	< 0.0048	< 0.0051	< 0.0050	< 0.0047
Dichlorobiphenyl	NE	NE	6.8	4.2	8.0 J	4.8	2.8	7.2	9.6	9.4	4.1	7.9	7.5	5.2	5.9	7.4
Heptachlorobiphenyl	NE	NE	< 0.0030	< 0.0030	< 0.0030 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0029	< 0.0030	< 0.0031	< 0.0029	< 0.0030	< 0.0030	< 0.0028
Hexachlorobiphenyl	NE	NE	0.0039	< 0.0020	< 0.0020 UJ	< 0.0020	0.0024	< 0.0020	0.0022	< 0.0019	< 0.0020	< 0.0020	0.0034	< 0.0020	< 0.0020	< 0.0019
Monochlorobiphenyl	NE	NE	7.4	3.3	8.9 J	4.1	2.6	8.0	9.7	9.3	3.2	8.5	5.8	5.5	7.0	7.5
Nonachlorobiphenyl	NE	NE	< 0.0050	< 0.0051	< 0.0050 UJ	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0048	< 0.0050	< 0.0051	< 0.0048	< 0.0051	< 0.0050	< 0.0047
Octachlorobiphenyl	NE	NE	< 0.0030	< 0.0030	< 0.0030 UJ	< 0.0030	< 0.0029	< 0.0030	< 0.0030	< 0.0029	< 0.0030	< 0.0031	< 0.0029	< 0.0030	< 0.0030	< 0.0028
Pentachlorobiphenyl	NE	NE	0.036	0.026	0.015 J	0.031	0.025	0.012	0.041	0.019	0.025	0.018	0.042	0.0069	0.016	0.019
Tetrachlorobiphenyl	NE	NE	0.27	0.17	0.19 J	0.20	0.14	0.15	0.30	0.20	0.16	0.18	0.28	0.11	0.15	0.17
Trichlorobiphenyl	NE	NE	1.1	0.73	1.1 J	0.88	0.50	1.1	1.4	1.2	1.2	1.3	1.2	0.72	0.80	0.97
Total PCB Homologues	0.5	0.5	16	8.426	18 J	10.011	6.067	16.462	21	20	8.6	18	15	12	14	16

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-Y15 MW-Y15-110620-1 11/6/2020 20K0339	MW-Y15D MW-Y15-D-082917-1 8/29/2017 17H1571	MW-Y15D MW-Y15D-111417-1 11/14/2017 17K0813	MW-Y15D MW-Y15D-030618-1 3/6/2018 18C0227	MW-Y15D MW-Y15D-062618-1 6/26/2018 18F1321	MW-Y15D MW-Y15D-092618-1 9/26/2018 18I1195	MW-Y15D MW-Y15D-121218-1 12/12/2018 18L0583	MW-Y15D MW-Y15D-041719-1 4/17/2019 19D0928	MW-Y15D MW-Y15D-071719-1 7/17/2019 19G0888	MW-Y15D MW-Y15D-102319-1 10/23/2019 19J1470	MW-Y15D MW-Y15D-012020-1 1/20/2020 20A0896	MW-Y15D MW-Y15D-040720-1 4/7/2020 20D0295	MW-Y15D MW-Y15D-070820-1 7/8/2020 20G0356	MW-Y15D MW-Y15D-110620-1 11/6/2020 20K0339
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	0.62	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.15	< 0.14	< 0.15	< 0.14
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	0.0021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	< 0.00040	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	< 0.00020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	< 0.0010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	0.0032	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	0.0014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.00010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	0.0081	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	< 0.00020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	< 0.00020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-Y15 MW-Y15-110620-1 11/6/2020 20K0339	MW-Y15D MW-Y15-D-082917-1 8/29/2017 17H1571	MW-Y15D MW-Y15D-111417-1 11/14/2017 17K0813	MW-Y15D MW-Y15D-030618-1 3/6/2018 18C0227	MW-Y15D MW-Y15D-062618-1 6/26/2018 18F1321	MW-Y15D MW-Y15D-092618-1 9/26/2018 18I1195	MW-Y15D MW-Y15D-121218-1 12/12/2018 18L0583	MW-Y15D MW-Y15D-041719-1 4/17/2019 19D0928	MW-Y15D MW-Y15D-071719-1 7/17/2019 19G0888	MW-Y15D MW-Y15D-102319-1 10/23/2019 19J1470	MW-Y15D MW-Y15D-012020-1 1/20/2020 20A0896	MW-Y15D MW-Y15D-040720-1 4/7/2020 20D0295	MW-Y15D MW-Y15D-070820-1 7/8/2020 20G0356	MW-Y15D MW-Y15D-110620-1 11/6/2020 20K0339
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0047	< 0.0050 UJ	< 0.0050	< 0.0051	< 0.0050	< 0.0050	< 0.0049	< 0.0050	< 0.0057	< 0.0048	< 0.0052	< 0.0047	< 0.0050	< 0.0047
Dichlorobiphenyl	NE	NE	7.6	0.20 J	0.13	0.061	0.068	< 0.0010	0.045	0.036	0.038	0.037	0.022	0.0060	0.014	0.020
Heptachlorobiphenyl	NE	NE	< 0.0028	< 0.0030 UJ	< 0.0030	< 0.0031	< 0.0030	< 0.0030	< 0.0029	< 0.0030	< 0.0034	< 0.0029	< 0.0031	< 0.0028	< 0.0030	< 0.0028
Hexachlorobiphenyl	NE	NE	0.0019	< 0.0020 UJ	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0023	< 0.0023	< 0.0019	< 0.0021	< 0.0019	< 0.0020	< 0.0019
Monochlorobiphenyl	NE	NE	7.2	0.048 J	0.023	0.014	0.020	0.0014	0.017	0.010	0.0054	0.0074	0.0042	0.0023	0.0044	0.0025
Nonachlorobiphenyl	NE	NE	< 0.0047	< 0.0050 UJ	< 0.0050	< 0.0051	< 0.0050	< 0.0050	< 0.0049	< 0.0050	< 0.0057	< 0.0048	< 0.0052	< 0.0047	< 0.0050	< 0.0047
Octachlorobiphenyl	NE	NE	< 0.0028	< 0.0030 UJ	< 0.0030	< 0.0031	< 0.0030	< 0.0030	< 0.0029	< 0.0030	< 0.0034	< 0.0029	< 0.0031	< 0.0028	< 0.0030	< 0.0028
Pentachlorobiphenyl	NE	NE	0.037	< 0.0020 UJ	< 0.0020	0.018	0.0051	< 0.0020	0.0058	0.0056	0.0034	< 0.0019	< 0.0021	< 0.0019	< 0.0020	0.0095
Tetrachlorobiphenyl	NE	NE	0.27	0.075 J	0.071	0.057	0.041	< 0.0020	0.036	0.019	0.029	0.022	0.016	0.0036	0.012	0.036
Trichlorobiphenyl	NE	NE	1.2	0.16 J	0.13	0.063	0.061	< 0.0010	0.040	0.026	0.037	0.031	0.023	0.0057	0.015	0.031
Total PCB Homologues	0.5	0.5	16	0.49 J	0.354	0.213	0.1951	0.0014	0.14	0.097	0.11	0.097	0.0652	0.0176	0.0454	0.099

Notes:
 This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
 GWPC = Ground water protection criteria
 SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 <0.01 = Not detected above the specified laboratory reporting limit
 NE = Criterion has not been established
 NA = Not analyzed for specific constituent
 ug/L = microgram per liter
 mg/L = milligram per liter
 (1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
 (2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-Y26 MW-Y26-021213-1 2/12/2013 SB64486	MW-Y26 MW-Y26-051413-1 5/14/2013 SB69540	MW-Y26 MW-Y26-08202013-1 8/20/2013 SB75322	MW-Y26 MW-Y26-11112013-1 11/11/2013 SB80164	MW-Y26 MW-Y26-04162014-1 4/16/2014 SB87931	MW-Y26 MW-Y26-092214-1 9/22/2014 14090840	MW-Y26 MW-Y26-121614-1 12/16/2014 14120375	MW-Y26 MW-Y26-102815 10/28/2015 15100753	MW-Y26 MW-Y26-011316 1/13/2016 16010232	MW-Y26 MW-Y26-041416 4/14/2016 16040313	MW-Y26 MW-Y26-082516 8/25/2016 16080630	MW-Y26 MW-Y26-122016-1 12/20/2016 16L0972	MW-Y26 MW-Y26-20170412-1 4/12/2017 17D0656	MW-Y26 MW-Y26-081617-1 8/16/2017 17H1062
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	NA	< 0.025	< 0.0255	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0253	< 0.0255	< 0.025	< 0.0050	< 0.0056	< 0.0050 UJ
Dichlorobiphenyl	NE	NE	NA	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.00505	< 0.0051	< 0.005	< 0.0010	< 0.0011	< 0.0010 UJ
Heptachlorobiphenyl	NE	NE	NA	< 0.015	< 0.0153	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0152	< 0.0153	< 0.015	< 0.0030	< 0.0033	< 0.0030 UJ
Hexachlorobiphenyl	NE	NE	NA	< 0.01	< 0.0102	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0101	< 0.0102	< 0.01	< 0.0020	< 0.0022	< 0.0020 UJ
Monochlorobiphenyl	NE	NE	NA	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.00505	< 0.0051	< 0.005	< 0.0010	< 0.0011	< 0.0010 UJ
Nonachlorobiphenyl	NE	NE	NA	< 0.025	< 0.0255	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0253	< 0.0255	< 0.025	< 0.0050	< 0.0056	< 0.0050 UJ
Octachlorobiphenyl	NE	NE	NA	< 0.015	< 0.0153	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.0152	< 0.0153	< 0.015	< 0.0030	< 0.0033	< 0.0030 UJ
Pentachlorobiphenyl	NE	NE	NA	< 0.01	< 0.0102	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0101	< 0.0102	< 0.01	< 0.0020	< 0.0022	< 0.0020 UJ
Tetrachlorobiphenyl	NE	NE	NA	< 0.01	< 0.0102	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0101	< 0.0102	< 0.01	< 0.0020	< 0.0022	< 0.0020 UJ
Trichlorobiphenyl	NE	NE	NA	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.00505	< 0.0051	< 0.005	< 0.0010	< 0.0011	< 0.0010 UJ
Total PCB Homologues	0.5	0.5	NA	< 0.025	< 0.0255	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.0253	< 0.0255	< 0.025	< 0.0050	< 0.0056	< 0.0050 UJ

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-Y26 MW-Y26-111617-1 11/16/2017 17K1027	MW-Y26 MW-Y26-030818-1 3/6/2018 18C0346	MW-Y26 MW-Y26-062918-1 6/29/2018 18G0022	MW-Y26 MW-Y26-092818-1 9/28/2018 18I1338	MW-Y26 MW-Y26-121218-1 12/12/2018 18L0583	MW-Y9 MW-Y9-021413-1 2/14/2013 SB64588	MW-Y9 MW-Y9-051513-1 5/15/2013 SB69668	MW-Y9 MW-Y9-08202013-1 8/20/2013 SB75423	MW-Y9 MW-Y9-11132013-1 11/13/2013 SB80244	MW-Y9 MW-Y9-04172014-1 4/17/2014 SB87931	MW-Y9 MW-Y9-092314-1 9/23/2014 14090840	MW-Y9 MW-Y9-121714-1 12/17/2014 14120417	MW-Y9 MW-Y9-071415-1 7/14/2015 15070370	MW-Y9 MW-Y9-011216 1/12/2016 16010232
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	< 0.050	< 0.050	0.053	< 0.050	< 0.050	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.090	0.104	< 0.050	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	NA	NA	NA	NA
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	< 0.0040	0.0050	< 0.0040	< 0.0040	< 0.0040	NA	NA	NA	NA
Barium	1	2.2	NA	NA	NA	NA	NA	0.888	0.972	0.842	0.814	0.128	NA	NA	NA	NA
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	NA	NA	NA	NA
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	49.8	67.0	72.6	82.0	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0553	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	2.63	15.2	36.0	46.3	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	31.2	40.7	41.1	43.7	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	0.187	0.640	1.20	1.30	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA
Nickel	0.1	0.88	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0050	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	27.3	31.7	33.3	26.4	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	< 0.0150	< 0.0150	< 0.0150	< 0.0150	< 0.0150	NA	NA	NA	NA
Silver	0.036	0.012	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	61.8	81.3	92.6	94.0	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA
Vanadium	0.05	0.27	NA	NA	NA	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-Y26 MW-Y26-111617-1 11/16/2017 17K1027	MW-Y26 MW-Y26-030818-1 3/6/2018 18C0346	MW-Y26 MW-Y26-062918-1 6/29/2018 18G0022	MW-Y26 MW-Y26-092818-1 9/28/2018 18I1338	MW-Y26 MW-Y26-121218-1 12/12/2018 18L0583	MW-Y9 MW-Y9-021413-1 2/14/2013 SB64588	MW-Y9 MW-Y9-051513-1 5/15/2013 SB69668	MW-Y9 MW-Y9-08202013-1 8/20/2013 SB75423	MW-Y9 MW-Y9-11132013-1 11/13/2013 SB80244	MW-Y9 MW-Y9-04172014-1 4/17/2014 SB87931	MW-Y9 MW-Y9-092314-1 9/23/2014 14090840	MW-Y9 MW-Y9-121714-1 12/17/2014 14120417	MW-Y9 MW-Y9-071415-1 7/14/2015 15070370	MW-Y9 MW-Y9-011216 1/12/2016 16010232
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0048	< 0.0050	< 0.0051	< 0.0048	< 0.0050	< 0.0253	< 0.0263	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Dichlorobiphenyl	NE	NE	< 0.00095	< 0.00099	< 0.0010	< 0.00096	< 0.0010	< 0.00505	< 0.00526	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Heptachlorobiphenyl	NE	NE	< 0.0029	< 0.0030	< 0.0030	< 0.0029	< 0.0030	< 0.0152	< 0.0158	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Hexachlorobiphenyl	NE	NE	< 0.0019	< 0.0020	< 0.0020	< 0.0019	< 0.0020	< 0.0101	< 0.0105	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Monochlorobiphenyl	NE	NE	< 0.00095	< 0.00099	< 0.0010	< 0.00096	< 0.0010	< 0.00505	< 0.00526	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Nonachlorobiphenyl	NE	NE	< 0.0048	< 0.0050	< 0.0051	< 0.0048	< 0.0050	< 0.0253	< 0.0263	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Octachlorobiphenyl	NE	NE	< 0.0029	< 0.0030	< 0.0030	< 0.0029	< 0.0030	< 0.0152	< 0.0158	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015
Pentachlorobiphenyl	NE	NE	< 0.0019	< 0.0020	< 0.0020	< 0.0019	< 0.0020	< 0.0101	< 0.0105	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tetrachlorobiphenyl	NE	NE	< 0.0019	< 0.0020	< 0.0020	< 0.0019	< 0.0020	< 0.0101	< 0.0105	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorobiphenyl	NE	NE	< 0.00095	< 0.00099	< 0.0010	< 0.00096	< 0.0010	< 0.00505	< 0.00526	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total PCB Homologues	0.5	0.5	< 0.0048	< 0.0050	< 0.0051	ND	ND	< 0.0253	< 0.0263	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
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Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-Y9 MW-Y9-041416 4/14/2016 16040313	MW-Y9 MW-Y9-082516 8/25/2016 16080629	MW-Y9 MW-Y9-122116-1 12/21/2016 16L1029	MW-Y9 MW-Y9-122116-2 12/21/2016 16L1029	MW-Y9 MW-Y9-20170413-1 4/13/2017 17D0656	MW-Y9 MW-Y9-082417-1 8/24/2017 GBY92749	MW-Y9 MW-Y9-111417-1 11/14/2017 17K0813	MW-Y9 MW-Y9-030618-1 3/6/2018 18C0346	MW-Y9 MW-Y9-062618-1 6/26/2018 18F1321	MW-Y9 MW-Y9-092618-1 9/26/2018 18L1195	MW-Y9 MW-Y9-121218-1 12/12/2018 18L0583	MW-Y9 MW-Y9-041719-1 4/17/2019 19D0928	MW-Y9 MW-Y9-071719-1 7/17/2019 19G0888	MW-Y9 MW-Y9-102319-1 10/23/2019 19J1470
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28	0.26	1.7	0.48
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 20	< 10	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2.0	< 0.60	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 5.0	< 2.0	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.50	< 0.50	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 10	< 10	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.98	< 0.98	< 1.1	< 0.98
Acenaphthene	420	150	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.29	< 0.29	< 0.34	< 0.29
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.20	< 0.20	< 0.23	< 0.20
Anthracene	2000	1100000	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.20	< 0.20	< 0.23	< 0.20
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.049	< 0.049	< 0.057	< 0.049
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.098	< 0.098	< 0.11	< 0.098
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.049	< 0.049	< 0.057	< 0.049
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.49	< 0.49	< 0.57	< 0.49
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.20	< 0.20	< 0.23	< 0.20
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.20	< 0.20	< 0.23	< 0.20
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	< 0.01	< 0.01	NA	< 0.01	< 0.01	< 0.098	< 0.098	< 0.11	< 0.098
Fluoranthene	280	3700	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.49	< 0.49	< 0.57	< 0.49
Fluorene	280	140000	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.98	< 0.98	< 1.1	< 0.98
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.098	< 0.098	< 1.1	< 0.98
Naphthalene	280	210	NA	NA	NA	NA	NA	< 0.10	< 0.10	NA	< 0.10	< 0.09	< 0.98	< 0.98	< 1.1	< 0.98
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.049	< 0.049	< 0.057	< 0.049
Pyrene	200	110000	NA	NA	NA	NA	NA	< 0.05	< 0.05	NA	< 0.05	< 0.05	< 0.98	< 0.98	< 1.1	< 0.98
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	0.08	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	< 0.01	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	< 0.10	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	< 0.005	< 0.005	NA	< 0.005	0.021	< 0.0050	0.0014	< 0.0010	< 0.0010
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	< 0.004	0.009	0.004	0.005	0.007	0.0021	0.0020	0.0037	0.0034
Barium	1	2.2	NA	NA	NA	NA	NA	0.947	0.789	0.077	0.886	1.25	0.94	0.67	0.71	0.74
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	< 0.001	< 0.001	NA	< 0.001	< 0.001	< 0.0020	< 0.00040	< 0.00040	< 0.00040
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	< 0.001	< 0.001	0.001	< 0.001	< 0.001	< 0.0025	< 0.00050	< 0.00020	< 0.00020
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	< 0.001	< 0.001	0.002	< 0.001	< 0.001	< 0.0050	< 0.0010	< 0.0010	< 0.0010
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	< 0.005	0.010	NA	< 0.005	< 0.005	< 0.025	< 0.0050	0.0010	0.0081
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	0.003	0.004	0.002	< 0.002	0.007	< 0.0050	0.0028	0.00058	0.00099
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	< 0.0002	< 0.0002	0.0002	< 0.0002	< 0.0002	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Nickel	0.1	0.88	NA	NA	NA	NA	NA	0.002	0.005	NA	0.003	0.005	< 0.025	< 0.0050	< 0.0050	< 0.0050
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	< 0.010	< 0.010	0.010	< 0.010	< 0.010	< 0.025	< 0.0050	< 0.0050	< 0.0050
Silver	0.036	0.012	NA	NA	NA	NA	NA	< 0.001	< 0.001	0.001	< 0.001	< 0.001	< 0.0025	< 0.00050	< 0.00020	< 0.00020
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0005	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	NA	NA	NA	< 0.001	< 0.001	NA	< 0.0005	NA	< 0.0010	< 0.00020	< 0.00020	< 0.00020

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-Y9 MW-Y9-041416 4/14/2016 16040313	MW-Y9 MW-Y9-082516 8/25/2016 16080629	MW-Y9 MW-Y9-122116-1 12/21/2016 16L1029	MW-Y9 MW-Y9-122116-2 12/21/2016 16L1029	MW-Y9 MW-Y9-20170413-1 4/13/2017 17D0656	MW-Y9 MW-Y9-082417-1 8/24/2017 GBY92749	MW-Y9 MW-Y9-111417-1 11/14/2017 17K0813	MW-Y9 MW-Y9-030618-1 3/6/2018 18C0346	MW-Y9 MW-Y9-062618-1 6/26/2018 18F1321	MW-Y9 MW-Y9-092618-1 9/26/2018 18I1195	MW-Y9 MW-Y9-121218-1 12/12/2018 18L0583	MW-Y9 MW-Y9-041719-1 4/17/2019 19D0928	MW-Y9 MW-Y9-071719-1 7/17/2019 19G0888	MW-Y9 MW-Y9-102319-1 10/23/2019 19J1470
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.047	< 0.040	< 0.040	< 0.044	< 0.040
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0278	< 0.0266	< 0.0050	< 0.0050	< 0.0051	< 0.0050 UJ	< 0.0048	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.0050	< 0.0056	< 0.0049
Dichlorobiphenyl	NE	NE	< 0.00556	< 0.00532	< 0.0010	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.00096	< 0.00098	< 0.0010	< 0.0010	0.0039	0.0015	< 0.0011	< 0.00097
Heptachlorobiphenyl	NE	NE	< 0.0167	< 0.016	< 0.0030	< 0.0030	< 0.0031	< 0.0030 UJ	< 0.0029	< 0.0029	< 0.0030	< 0.0030	< 0.0029	< 0.0030	< 0.0033	< 0.0029
Hexachlorobiphenyl	NE	NE	< 0.0111	< 0.0106	< 0.0020	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0020	< 0.0020	0.0042	< 0.0020	< 0.0020	< 0.0022	< 0.0019
Monochlorobiphenyl	NE	NE	< 0.00556	< 0.00532	< 0.0010	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.00096	< 0.00098	< 0.0010	< 0.0010	0.0019	< 0.00099	< 0.0011	< 0.00097
Nonachlorobiphenyl	NE	NE	< 0.0278	< 0.0266	< 0.0050	< 0.0050	< 0.0051	< 0.0050 UJ	< 0.0048	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.0050	< 0.0056	< 0.0049
Octachlorobiphenyl	NE	NE	< 0.0167	< 0.016	< 0.0030	< 0.0030	< 0.0031	< 0.0030 UJ	< 0.0029	< 0.0029	< 0.0030	< 0.0030	< 0.0029	< 0.0030	< 0.0033	< 0.0029
Pentachlorobiphenyl	NE	NE	< 0.0111	< 0.0106	< 0.0020	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	0.0033	< 0.0020	0.013	< 0.0020	< 0.0020	< 0.0022	< 0.0019
Tetrachlorobiphenyl	NE	NE	< 0.0111	< 0.0106	< 0.0020	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	0.0031	< 0.0020	0.0092	< 0.0020	< 0.0020	< 0.0022	< 0.0019
Trichlorobiphenyl	NE	NE	< 0.00556	< 0.00532	< 0.0010	< 0.0010	< 0.0010	< 0.0010 UJ	< 0.00096	0.0013	< 0.0010	< 0.0010	0.0029	< 0.00099	< 0.0011	< 0.00097
Total PCB Homologues	0.5	0.5	< 0.0278	< 0.0266	< 0.0050	< 0.0050	< 0.0051	< 0.0050 UJ	< 0.0048	0.0077	< 0.0050	0.026	0.0087	0.0015	ND	ND

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-Y9 MW-Y9-012020-1 1/20/2020 20A0896	MW-Y9 MW-Y9-012020-2 1/20/2020 20A0896	MW-Y9 MW-Y9-040720-1 4/7/2020 20D0295	MW-Y9 MW-Y9-040720-2 4/7/2020 20D0295	MW-Y9 MW-Y9-071020-1 7/10/2020 20G0456	MW-Y9 MW-Y9-071020-2 7/10/2020 20G0456	MW-Y9 MW-Y9-110420-1 11/14/2020 20K0158	MW-Y9D MW-Y9-D-082417-1 8/24/2017 17H1571	MW-Y9D MW-Y9D-111417-1 11/14/2017 17K0813	MW-Y9D MW-Y9D-030618-1 3/6/2018 18C0346	MW-Y9D MW-Y9D-062618-1 6/26/2018 18F1321	MW-Y9D MW-Y9D-092618-1 9/26/2018 18I1195	MW-Y9D MW-Y9D-121218-1 12/12/2018 18L0583	MW-Y9D MW-Y9D-041719-1 4/17/2019 19D0928
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	0.32	NA	0.29	0.30	0.22	NA	0.36	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	< 2.0	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	< 0.30	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	< 0.20	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	< 0.20	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	< 0.10	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	< 0.20	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	< 0.20	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	< 0.10	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	< 0.50	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	< 0.10	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	< 0.050	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	0.0012	0.0017	< 0.00080	0.0013	0.0020	0.0018	0.0021	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	1.3	1.4	1.2	1.2	0.93	0.93	0.46	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	< 0.00040	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0014	0.0014	0.0012	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	< 0.0010	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	0.0023	0.0027	0.0042	0.0043	0.0018	0.0018	0.0096	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	6.8	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	0.0017	0.0018	0.0045	0.0046	0.0082	0.0084	0.0014	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	18	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.017	NA	NA	NA	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-Y9 MW-Y9-012020-1 1/20/2020 20A0896	MW-Y9 MW-Y9-012020-2 1/20/2020 20A0896	MW-Y9 MW-Y9-040720-1 4/7/2020 20D0295	MW-Y9 MW-Y9-040720-2 4/7/2020 20D0295	MW-Y9 MW-Y9-071020-1 7/10/2020 20G0456	MW-Y9 MW-Y9-071020-2 7/10/2020 20G0456	MW-Y9 MW-Y9-110420-1 11/4/2020 20K0158	MW-Y9D MW-Y9-D-082417-1 8/24/2017 17H1571	MW-Y9D MW-Y9D-111417-1 11/14/2017 17K0813	MW-Y9D MW-Y9D-030618-1 3/6/2018 18C0346	MW-Y9D MW-Y9D-062618-1 6/26/2018 18F1321	MW-Y9D MW-Y9D-092618-1 9/26/2018 18I1195	MW-Y9D MW-Y9D-121218-1 12/12/2018 18L0583	MW-Y9D MW-Y9D-041719-1 4/17/2019 19D0928
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	< 0.041	< 0.040	< 0.040	< 0.038	< 0.039	< 0.039	< 0.040	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	< 1.2	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0048	< 0.0051	< 0.0048	< 0.0047	< 0.0050	< 0.0050	< 0.0050	< 0.0050 UJ	< 0.0048	< 0.0049	< 0.0050	< 0.0052	< 0.0049	< 0.0050
Dichlorobiphenyl	NE	NE	0.0016	< 0.0010	< 0.00096	< 0.00095	< 0.0010	< 0.0010	< 0.00099	< 0.0010 UJ	< 0.00096	< 0.00097	< 0.0010	0.0076	0.0013	0.0012
Heptachlorobiphenyl	NE	NE	< 0.0029	< 0.0031	< 0.0029	< 0.0028	< 0.0030	< 0.0030	< 0.0030	< 0.0030 UJ	< 0.0029	< 0.0029	< 0.0030	< 0.0031	< 0.0029	< 0.0030
Hexachlorobiphenyl	NE	NE	< 0.0019	< 0.0020	< 0.0019	< 0.0019	< 0.0020	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0019	< 0.0020	< 0.0021	< 0.0020	< 0.0020
Monochlorobiphenyl	NE	NE	< 0.00096	< 0.0010	< 0.00096	< 0.00095	< 0.0010	< 0.0010	< 0.00099	< 0.0010 UJ	< 0.00096	< 0.00097	< 0.0010	0.0082	0.0013	< 0.0010
Nonachlorobiphenyl	NE	NE	< 0.0048	< 0.0051	< 0.0048	< 0.0047	< 0.0050	< 0.0050	< 0.0050	< 0.0050 UJ	< 0.0048	< 0.0049	< 0.0050	< 0.0052	< 0.0049	< 0.0050
Octachlorobiphenyl	NE	NE	< 0.0029	< 0.0031	< 0.0029	< 0.0028	< 0.0030	< 0.0030	< 0.0030	< 0.0030 UJ	< 0.0029	< 0.0029	< 0.0030	< 0.0031	< 0.0029	< 0.0030
Pentachlorobiphenyl	NE	NE	< 0.0019	< 0.0020	< 0.0019	< 0.0019	< 0.0020	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0019	< 0.0020	< 0.0021	< 0.0020	< 0.0020
Tetrachlorobiphenyl	NE	NE	< 0.0019	< 0.0020	< 0.0019	< 0.0019	< 0.0020	< 0.0020	< 0.0020	< 0.0020 UJ	< 0.0019	< 0.0019	< 0.0020	< 0.0021	< 0.0020	< 0.0020
Trichlorobiphenyl	NE	NE	< 0.0019	< 0.0020	< 0.0019	< 0.0019	< 0.0020	< 0.0020	< 0.0020	< 0.0010 UJ	< 0.00096	< 0.00097	< 0.0010	< 0.0010	< 0.00098	< 0.0010
Total PCB Homologues	0.5	0.5	0.0016	< 0.0051	< 0.0048	< 0.0047	< 0.0050	< 0.0050	ND	< 0.0050 UJ	< 0.0048	< 0.0049	< 0.0050	0.016	0.0027	0.0012

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
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NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

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Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-Y9D MW-Y9D-071719-1 7/17/2019 19G0888	MW-Y9D MW-Y9D-102319-1 10/23/2019 19J1470	MW-Y9D MW-Y9D-012020-1 1/20/2020 20A0896	MW-Y9D MW-Y9D-040720-1 4/7/2020 20D0295	MW-Y9D MW-Y9D-071020-1 7/10/2020 20G0456	MW-Y9D MW-Y9D-110420-1 11/4/2020 20K0178	ODG-F3 DGF3-092618-1 9/26/2018 18I1259	ODG-F3 ODG-FS-04161-1 4/16/2019 19D0864	ODG-F3 ODG-F3-041619-2 4/16/2019 19D0864	ODG-F3 ODG-F3-072419-1 7/24/2019 19G1370	ODG-F3 ODG-F3-072419-2 7/24/2019 19G1370	ODG-F3 ODG-F3-102219-1 10/22/2019 19J1353	ODG-F3 ODG-F3-102219-2 10/22/2019 19J1353	ODG-F3 ODG-F3-011720-1 1/17/2020 20A0803
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	< 0.15	< 0.14	< 0.15	< 0.15	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	< 0.0010	< 0.0010	< 0.0010	< 0.0010	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	NA	NA	< 0.00080	< 0.00080	< 0.00080	< 0.00080	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	NA	NA	0.11	0.11	0.12	0.11	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	NA	NA	< 0.00040	< 0.00040	< 0.00040	< 0.00040	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	NA	NA	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	< 0.0010	< 0.0010	< 0.0010	0.0016	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	< 0.0010	< 0.0010	0.0011	0.0011	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	< 0.00050	< 0.00050	< 0.00050	< 0.00050	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	< 0.00010	< 0.00010	< 0.00010	< 0.00010	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	NA	NA	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	NA	NA	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	NA	NA	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	MW-Y9D MW-Y9D-071719-1 7/17/2019 19G0888	MW-Y9D MW-Y9D-102319-1 10/23/2019 19J1470	MW-Y9D MW-Y9D-012020-1 1/20/2020 20A0896	MW-Y9D MW-Y9D-040720-1 4/7/2020 20D0295	MW-Y9D MW-Y9D-071020-1 7/10/2020 20G0456	MW-Y9D MW-Y9D-110420-1 11/4/2020 20K0178	ODG-F3 DGF3-092618-1 9/26/2018 18I1259	ODG-F3 ODG-FS-04161-1 4/16/2019 19D0864	ODG-F3 ODG-F3-041619-2 4/16/2019 19D0864	ODG-F3 ODG-F3-072419-1 7/24/2019 19G1370	ODG-F3 ODG-F3-072419-2 7/24/2019 19G1370	ODG-F3 ODG-F3-102219-1 10/22/2019 19J1353	ODG-F3 ODG-F3-102219-2 10/22/2019 19J1353	ODG-F3 ODG-F3-011720-1 1/17/2020 20A0803
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0050	< 0.0048	< 0.0052	< 0.0049	< 0.0050	< 0.0052	< 0.0050	< 0.0055	< 0.0054	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0052
Dichlorobiphenyl	NE	NE	0.013	0.0023	< 0.0010	< 0.00097	< 0.0010	< 0.0010	< 0.0010	0.43	0.38	0.38	0.33	0.13	0.14	0.052
Heptachlorobiphenyl	NE	NE	< 0.0030	< 0.0029	< 0.0031	< 0.0029	< 0.0030	< 0.0031	< 0.0030	< 0.0033	< 0.0032	< 0.0031	< 0.0030	< 0.0030	< 0.0031	< 0.0031
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0019	< 0.0021	< 0.0019	< 0.0020	< 0.0021	< 0.0020	< 0.0022	< 0.0022	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0021
Monochlorobiphenyl	NE	NE	0.012	0.0014	< 0.0010	< 0.00097	< 0.0010	< 0.0010	< 0.0010	0.33	0.26	0.16	0.14	0.025	0.025	0.024
Nonachlorobiphenyl	NE	NE	< 0.0050	< 0.0048	< 0.0052	< 0.0049	< 0.0050	< 0.0052	< 0.0050	< 0.0055	< 0.0054	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0052
Octachlorobiphenyl	NE	NE	< 0.0030	< 0.0029	< 0.0031	< 0.0029	< 0.0030	< 0.0031	< 0.0030	< 0.0033	< 0.0032	< 0.0031	< 0.0030	< 0.0030	< 0.0031	< 0.0031
Pentachlorobiphenyl	NE	NE	< 0.0020	< 0.0019	< 0.0021	< 0.0019	< 0.0020	< 0.0021	0.0030	0.016	0.015	< 0.0020	0.017	0.0092	0.012	0.0052
Tetrachlorobiphenyl	NE	NE	< 0.0020	< 0.0019	< 0.0021	< 0.0019	< 0.0020	< 0.0021	0.013	0.13	0.12	0.16	0.15	0.085	0.098	0.051
Trichlorobiphenyl	NE	NE	< 0.0010	< 0.00096	< 0.0021	< 0.0019	< 0.0020	< 0.0021	0.0017	0.23	0.21	0.30	0.27	0.15	0.16	0.076
Total PCB Homologues	0.5	0.5	0.025	0.0036	< 0.0052	< 0.0049	< 0.0050	ND	0.018	1.1	0.99	0.99	0.90	0.40	0.44	0.21

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	ODG-F3 ODG-F3-011720-2 1/17/2020 20A0803	ODG-F3 ODG-F3-040620-1 4/6/2020 20D0235	ODG-F3 ODG-F3-040620-2 4/6/2020 20D0235	ODG-F3 ODG-F3-070820-1 7/8/2020 20G0359	ODG-F3 ODG-F3-070820-2 7/8/2020 20G0359	ODG-F3 ODG-F3-110220-1 11/2/2020 20K0040	ODG-F3 ODG-F3-110220-2 11/2/2020 20K0040	ODG-F4 UGF4-092618-1 9/26/2018 18I1259	ODG-F4 OUG-F4-041619-1 4/16/2019 19D0864	ODG-F4 UGF4-092618-2 9/26/2018 18I1259	ODG-F4 ODF-F4-072419-1 7/24/2019 19G1370	ODG-F4 ODG-F4-102319-1 10/23/2019 19J1468	ODG-F4 ODG-F4-110220-1 11/2/2020 20K0040	ODG-F6/7 ODG-F6/7-110220-1 11/2/2020 20K0040
CT ETPH (mg/l)																
Aliphatic Hydrocarbons (ETPH) C9-C36	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	0.25	0.25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unidentified	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/l)																
1,2,4-Trimethylbenzene	5	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	700	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6	14100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	18	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Tert Butyl Ether (MTBE)	70	10000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	25	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	5	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	4	9600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000	4000000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	2340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (ug/l)																
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOC-SIMs (ug/l)																
1-Methylnaphthalene	5	61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	28	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	420	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	420	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	2000	1100000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.06	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.08	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	0.48	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	4.8	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.1	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	280	3700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	280	140000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.1	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	280	210	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	200	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	200	110000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals (mg/l)																
Antimony	0.006	86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.05	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	0.004	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1.3	0.048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NE	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.015	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	0.5	0.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.002	0.0004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	0.1	0.88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.05	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	0.036	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.005	0.063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	0.05	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	5	0.123	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Table 3-3
Groundwater Analytical Data
February 2013 through November 2020**

Location ID Sample ID Sample Date SDG	GWPC	SWPC	ODG-F3 ODG-F3-011720-2 1/17/2020 20A0803	ODG-F3 OD6-F3-040620-1 4/6/2020 20D0235	ODG-F3 OD6-F3-040620-2 4/6/2020 20D0235	ODG-F3 ODG-F3-070820-1 7/8/2020 20G0359	ODG-F3 ODG-F3-070820-2 7/8/2020 20G0359	ODG-F3 ODG-F3-110220-1 11/2/2020 20K0040	ODG-F3 ODG-F3-110220-2 11/2/2020 20K0040	ODG-F4 UGF4-092618-1 9/26/2018 18I1259	ODG-F4 OUG-F4-041619-1 4/16/2019 19D0864	ODG-F4 UGF4-092618-2 9/26/2018 18I1259	ODG-F4 ODF-F4-072419-1 7/24/2019 19G1370	ODG-F4 ODG-F4-102319-1 10/23/2019 19J1468	ODG-F4 ODG-F4-110220-1 11/2/2020 20K0040	ODG-F6/7 ODG-F6/7-110220-1 11/2/2020 20K0040
PCBs (ug/l)																
Aroclor 1016	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1262	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCB Aroclors	0.5	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ug/l)																
Total Pesticides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Herbicides (ug/l)																
Total Herbicides	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB Homologs (ug/l)																
Decachlorobiphenyl (PCB-209)	NE	NE	< 0.0051	< 0.0050	< 0.0050	< 0.0051	< 0.0048	< 0.0051	< 0.0049	< 0.0050	< 0.0049	< 0.0050	< 0.0057	< 0.0057	< 0.0056	< 0.0050
Dichlorobiphenyl	NE	NE	0.054	0.092	0.090	0.039	0.035	0.27	0.27	0.0047	0.012	0.0028	0.0030	0.0032	0.0014	< 0.00099
Heptachlorobiphenyl	NE	NE	< 0.0031	< 0.0030	< 0.0030	< 0.0030	< 0.0029	0.012	< 0.0029	< 0.0030	< 0.0029	< 0.0030	< 0.0034	< 0.0034	< 0.0033	< 0.0030
Hexachlorobiphenyl	NE	NE	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0019	0.019	< 0.0020	0.0027	< 0.0020	< 0.0020	< 0.0023	< 0.0023	< 0.0022	< 0.0020
Monochlorobiphenyl	NE	NE	0.026	0.049	0.047	0.0044	0.0036	0.12	0.13	0.0027	0.0036	0.0059	0.0019	0.0014	0.0016	< 0.0011
Nonachlorobiphenyl	NE	NE	< 0.0051	< 0.0050	< 0.0050	< 0.0051	< 0.0048	< 0.0051	< 0.0049	< 0.0050	< 0.0049	< 0.0050	< 0.0057	< 0.0057	< 0.0056	< 0.0050
Octachlorobiphenyl	NE	NE	< 0.0031	< 0.0030	< 0.0030	< 0.0030	< 0.0029	< 0.0030	< 0.0029	< 0.0030	< 0.0029	< 0.0030	< 0.0034	< 0.0034	< 0.0033	< 0.0030
Pentachlorobiphenyl	NE	NE	0.0059	0.0056	0.0059	0.0042	0.0039	0.023	0.016	0.022	0.0041	0.022	0.0085	0.0078	0.0047	< 0.0020
Tetrachlorobiphenyl	NE	NE	0.053	0.051	0.052	0.048	0.044	0.16	0.15	0.054	0.020	0.050	0.022	0.022	0.014	< 0.0020
Trichlorobiphenyl	NE	NE	0.078	0.088	0.088	0.074	0.069	0.23	0.23	0.025	0.013	0.024	0.011	0.0067	0.0039	< 0.0020
Total PCB Homologues	0.5	0.5	0.22	0.29	0.28	0.17	0.16	0.83	0.79	0.11	0.054	0.10	0.046	0.042	0.024	ND

Notes:
This is a summary table. Only detected compounds are presented.
Bold = Detected above reporting limit
GWPC = Ground water protection criteria
SWPC = Surface water protection criteria
Orange highlighted cells exceed GWPC
Yellow highlighted cells exceed SWPC
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
<0.01 = Not detected above the specified laboratory reporting limit
NE = Criterion has not been established
NA = Not analyzed for specific constituent
ug/L = microgram per liter
mg/L = milligram per Liter
(1) 0.1 mg/l is the current recommended screening criteria and requires CTDEEP approval to implement. 0.25 mg/l is the proposed GWPC.
(2) 100 ug/l is the promulgated GWPC. 70 ug/l is the Drinking Water Action Level set by the Connecticut Department of Public Health.

Table 3-4
AOCs 3, 5, 6, and 9
Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	MB-01 0 - 0.5 ft MB-1(0-0.5)-1 8/9/2013 SB74753	MB-01 2 - 3 ft MB-1(2-3)-1 8/9/2013 SB74753	MB-02 0 - 0.5 ft MB-2(0-0.5)-1 8/9/2013 SB74753	MB-02 1 - 2 ft MB-2(1-2)-1 8/9/2013 SB74753	MB-50 0 - 0.5 ft MB-50 (0-0.5)120313 12/3/2013 SB81322	MB-50 1 - 1.5 ft MB-50 (1-1.5)120313 12/3/2013 SB81322	MB-51 0.5 - 1 ft MB-51 (0.5-1)120313 12/3/2013 SB81322	MB-51 1.5 - 2 ft MB-51 (1.5-2)120313 12/3/2013 SB81322	MB-52 0 - 0.5 ft MB-52 (0-0.5)120313 12/3/2013 SB81322	MB-52 2 - 2.5 ft MB-52 (2-2.5)120313 12/3/2013 SB81322	MB-53 0.5 - 1 ft MB-53 (0.5-1)120313 12/3/2013 SB81322
CTETPH																
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	53.3	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	53.3	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	53.3	NS	NS	NS	NS	NS	NS	NS	NS	NS
CT ETPH-SPLP																
CT ETPH-SPLP	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																
Total VOCs	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	964	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	959	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	885	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	420	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	921	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	981	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1.00E+06	NS	2060	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	498	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	ug/kg	4000	40000	NE	1.00E+06	NS	973	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1.00E+06	NS	1710	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals																
Arsenic	mg/kg	NE	NE	NE	10	4.28	3.17	2.93	3.76	4.26	4.00	2.82	5.38	2.24	2.19	2.72
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	NE	500	43.9	88.2	20.2	117	8.30	13.5	38.5	35.5	23.6	5.35	4.24
Mercury	mg/kg	NE	NE	NE	20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP																
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	ug/l	2	20	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 19.6	< 21.3	< 20.9	< 21.5	< 21.5	< 22.8	< 21.1	< 22.4	< 21.3	< 20.3	< 19.4
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 19.6	< 21.3	< 20.9	< 21.5	< 21.5	< 22.8	< 21.1	< 22.4	< 21.3	< 20.3	NS
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 19.6	< 21.3	< 20.9	< 21.5	< 21.5	< 22.8	< 21.1	< 22.4	< 21.3	< 20.3	NS
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 19.6	< 21.3	< 20.9	< 21.5	< 21.5	< 22.8	< 21.1	< 22.4	< 21.3	< 20.3	< 19.4
Pesticides																
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
This is a summary table. Only detected analytes are shown.
<0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
Yellow highlighted cells exceed the 2013 GA PMC
Green highlighted cells exceed the 2013 GB PMC
Blue highlighted cells exceed the 2013 RES DEC
RES DEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
GWPC = Groundwater Protection Criteria
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
NE = Criteria has not been established
NS = Not sampled for this constituent
ug/kg = micrograms per kilogram
ug/l = micrograms per liter
mg/kg = milligrams per kilogram
U = The analyte was not detected above the detection limit
J+ = Result may be biased high
J- = Result may be biased low
J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-4
AOCs 3, 5, 6, and 9
Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	MB-53 2 - 2.5 ft MB-53 (2.5-3)120313 12/3/2013 SB81322	MB-54 0 - 0.5 ft MB-54 (0-0.5)120313 12/3/2013 SB81322	MB-54 3 - 3.5 ft MB-54 (3-3.5)120313 12/3/2013 SB81322	MB-55 0.5 - 1 ft MB-55 (0.5-1)120313 12/3/2013 SB81322	MB-55 1 - 1.5 ft MB-55 (1-1.5)120313 12/3/2013 SB81322	PLB-1 0 - 2 ft PLB-1-082115-1 8/21/2015 GBJ79558	Q23-SB323 0 - 0.5 ft 3-SB323 (0-0.5) 0410123-SB323 (3.5-4) 0410123-SB323 (3.5-4) 0410123 4/10/2012 SB47196	Q23-SB323 3.5 - 4 ft Q23-SS30-080411 8/4/2011 SB32875	Q23-SS30 0 - 0.5 ft 23-SB309(0-2)-021712 2/17/2012 SB44128	R23-SB309 0 - 2 ft 23-SB309(2-3)-021712 2/17/2012 SB44128	R23-SB309 2 - 3 ft	
CTETPH																	
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	500
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	500
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	500
CT ETPH-SPLP																	
CT ETPH-SPLP	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																	
Total VOCs	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 7.6 U
SVOCs																	
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 721 U
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 721 U
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 721 U
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 721 U
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 721 U
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 721 U
Fluoranthene	ug/kg	5600	56000	NE	1.00E+06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 721 U
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 721 U
Phenanthrene	ug/kg	4000	40000	NE	1.00E+06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 721 U
Pyrene	ug/kg	4000	40000	NE	1.00E+06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 721 U
Metals																	
Arsenic	mg/kg	NE	NE	NE	10	2.68	3.34	3.37	3.27	3.51	NS	NS	2.94	NS	NS	NS	5.00
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	NS	NS	NS	162	NS	NS	NS	112 J+
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	NS	NS	NS	1.17	NS	NS	NS	0.675
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	NS	NS	NS	NS	NS	< 0.551 U	NS	NS	NS	0.578
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	33.6	NS	NS	NS	29.5
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	NS	NS	NS	12.0	NS	NS	NS	24.1
Lead	mg/kg	NE	NE	NE	500	19.3	16.6	13.4	16.6	7.30	NS	NS	30.7 J	NS	NS	NS	36.9
Mercury	mg/kg	NE	NE	NE	20	NS	NS	NS	NS	NS	NS	NS	0.119 J+	NS	NS	NS	0.0895
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	14.2	NS	NS	NS	17.9
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	NS	NS	NS	36.6	NS	NS	NS	31.0
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	56.0	NS	NS	NS	56.2
Metals-SPLP																	
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	ug/l	2	20	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																	
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 21.1	< 20.1	< 20.8	2040	< 21.9	630	28.5 J	< 23.3 U	< 20.8 U	NS	NS	< 22.3 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	197	< 20.1	< 20.8	< 21.5	59.1	< 460	< 24.8 U	< 23.3 U	< 20.8 U	NS	NS	< 22.3 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	NS	< 20.1	< 20.8	NS	< 21.9	< 460	35.9	< 23.3 U	< 20.8 U	NS	NS	< 22.3 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	197	< 20.1	< 20.8	2040	59.1	630	64.4	< 23.3 U	< 20.8 U	NS	NS	< 22.3 U
Pesticides																	
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 10.3 U	NS	NS	NS	< 11.1 U
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 6.41 U	NS	NS	NS	< 6.94 U
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 6.41 U	NS	NS	NS	< 6.94 U
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	< 25.7 U	NS	NS	NS	< 27.7 U
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 6.41 U	NS	NS	NS	< 6.94 U
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	< 6.41	NS	NS	NS	< 6.94

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

GWPC = Groundwater Protection Criteria

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternatives (September 2018)

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be in

Table 3-4
AOCs 3, 5, 6, and 9
Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	R23-SB309 8 - 9 ft 23-SB309(8-9)-021712- 2/17/2012 SB44128	R23-SB712 2 - 3 ft R23-SB712 (2-3) 6/27/2018 18F1381	R23-SB713 2 - 3 ft R23-SB713 (2-3) 6/27/2018 18F1381	R24-SB443 1.5 - 2 ft 4-SB443(1.5-2.5)-07091 7/9/2012 SB52647	S21-SB308 0 - 2 ft 21-SB308(0-2)-021712- 2/17/2012 SB44128	S21-SB308 0 - 2 ft 21-SB308(0-2)-021712- 2/17/2012 SB44128	S21-SB308 3 - 5 ft 21-SB308(3-5)-021712- 2/17/2012 SB44128	S21-SB308 8 - 10 ft 21-SB308(8-10)-021712- 2/17/2012 SB44128	S21-SB609 3 - 5 ft DUP-20180627 6/27/2018 18F1381	S21-SB609 3 - 5 ft S21-SB609 (3-5) 6/27/2018 18F1381	S23-SS137 0 - 0.5 ft S23-SS137-080511 8/5/2011 SB32945
CTETPH																
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	< 14.2 U	280	44	59.3	NS	NS	469	< 14.3 U	160	140	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	< 14.2 U	NS	NS	59.3	NS	NS	469	< 14.3 U	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	< 14.2 U	NS	NS	59.3	NS	NS	469	< 14.3 U	NS	NS	NS
CT ETPH-SPLP																
CT ETPH-SPLP	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																
Total VOCs	ug/kg	NE	NE	NE	NE	< 5.9 U	NS	NS	NS	NS	NS	< 6.1 U	< 5.5 U	NS	NS	NS
SVOCs																
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	< 353 U	NS	NS	< 184 U	NS	NS	< 722 U	< 354 U	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	< 353 U	NS	NS	< 184 U	NS	NS	< 722 U	< 354 U	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	< 353 U	NS	NS	< 184 U	NS	NS	< 722 U	< 354 U	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	< 353 U	NS	NS	< 184 U	NS	NS	< 722 U	< 354 U	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	< 353 U	NS	NS	< 184 U	NS	NS	< 722 U	< 354 U	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	< 353 U	NS	NS	< 184 U	NS	NS	< 722 U	< 354 U	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1.00E+06	< 353 U	NS	NS	235	NS	NS	< 722 U	< 354 U	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	< 353 U	NS	NS	< 184 U	NS	NS	< 722 U	< 354 U	NS	NS	NS
Phenanthrene	ug/kg	4000	40000	NE	1.00E+06	< 353 U	NS	NS	< 184 U	NS	NS	< 722 U	< 354 U	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1.00E+06	< 353 U	NS	NS	200	NS	NS	< 722 U	< 354 U	NS	NS	NS
Metals																
Arsenic	mg/kg	NE	NE	NE	10	NS	NS	NS	< 2.93 U	NS	NS	7.03	1.50	NS	NS	NS
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	36.8	NS	NS	134 J+	147 J+	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	< 0.472 U	NS	NS	0.692	0.591	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	NS	< 0.472 U	NS	NS	0.638	< 0.471 U	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	7.48	NS	NS	24.4	27.0	NS	NS	NS
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	16.9	NS	NS	29.4	10.2	NS	NS	NS
Lead	mg/kg	NE	NE	NE	500	NS	NS	NS	6.42	NS	NS	49.8	2.87	NS	77	NS
Mercury	mg/kg	NE	NE	NE	20	NS	NS	NS	< 0.0325 U	NS	NS	0.0960	< 0.0294 U	NS	0.15	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	7.45	NS	NS	12.4	9.83	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	26.5	NS	NS	26.8	21.6	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	771 J	NS	NS	215	25.5	NS	NS	NS
Metals-SPLP																
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	670	NS
Mercury	ug/l	2	20	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.67	NS
PCBs																
Aroclor 1248	ug/kg	NE	NE	NE	NE	NS	NS	NS	< 21.9 U	NS	NS	NS	< 21.6 U	NS	NS	< 32.2 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	NS	NS	NS	< 21.9 U	NS	NS	NS	< 21.6 U	NS	NS	< 32.2 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	NS	NS	NS	< 21.9 U	NS	NS	NS	< 21.6 U	NS	NS	< 32.2 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	NS	NS	NS	< 21.9 U	NS	NS	NS	< 21.6 U	NS	NS	< 32.2 U
Pesticides																
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	< 9.28 U	< 8.91 U	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	< 5.80 U	< 5.57 U	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	< 5.80 U	< 5.57 U	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	< 23.2 U	< 22.3 U	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	< 5.80 U	< 5.57 U	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	< 9.28	< 8.91	NS	NS	NS	NS	NS

Notes:

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Green highlighted cells exceed the 2013 GB PMC

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RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

GWPC = Groundwater Protection Criteria

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternatives

(September 2018)

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

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J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be in

Table 3-4
AOCs 3, 5, 6, and 9
Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	SS-248 0 - 0.25 ft SS-248 0-3-081511 8/15/2011 SB33506	SS-249 0 - 0.25 ft SS-249 0-3-081511 8/15/2011 SB33506	SS-277 0 - 0.25 ft SS-277 (0-3) 8/22/2011 SB33952	T21-SB402 1 - 2 ft T21-SB402 (1-2)-062712 6/27/2012 SB51902	T21-SB402 6.5 - 7.5 ft T21-SB402 (6.5-7.5)-062712 6/27/2012 SB51902	T22-SB158 1 - 2 ft T22-SB158 1-2 8/10/2011 SB33209	T22-SB158 2 - 3 ft T22-SB158 2-3 8/10/2011 SB33209	T22-SB158 3 - 4 ft T22-SB158 3-4 8/10/2011 SB33209	T22-SB158 5 - 6 ft T22-SB158 5-6 8/10/2011 SB33209	T22-SB158 6 - 7 ft T22-SB158 6-7 8/10/2011 SB33209	T23-SB24 1 - 2 ft T23-SB24 1-2 8/10/2011 SB33209
CTETPH																
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	NS	NS	< 30.6 U	NS	99.9	52.4	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	NS	NS	< 30.6 U	NS	99.9	52.4	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	< 30.6 U	NS	99.9	52.4	NS	NS	NS
CT ETPH-SPLP																
CT ETPH-SPLP	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																
Total VOCs	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	< 222 U	< 194 U	NS	NS	< 193 U	NS	< 393 U	< 380 U	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	< 222 UJ	< 194 UJ	NS	NS	< 193 U	NS	< 393 U	< 380 U	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	< 222 UJ	< 194 UJ	NS	NS	< 193 U	NS	< 393 U	< 380 U	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	< 222 UJ	< 194 UJ	NS	NS	< 193 U	NS	< 393 U	< 380 U	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	< 222 UJ	< 194 UJ	NS	NS	< 193 U	NS	< 393 U	< 380 U	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	< 222 U	< 194 U	NS	NS	< 193 U	NS	< 393 U	< 380 U	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1.00E+06	333	197	NS	NS	< 193 U	NS	< 393 U	< 380 U	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	< 222 UJ	< 194 UJ	NS	NS	< 193 U	NS	< 393 U	< 380 U	NS	NS	NS
Phenanthrene	ug/kg	4000	40000	NE	1.00E+06	< 222 U	< 194 U	NS	NS	< 193 U	NS	< 393 U	< 380 U	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1.00E+06	407	246	NS	NS	< 193 U	NS	< 393 U	< 380 U	NS	NS	NS
Metals																
Arsenic	mg/kg	NE	NE	NE	10	2.66	3.00	NS	7.18 J+	4.42 J+	3.99	26.9	41.8	11.7	< 1.47 U	NS
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	107	110	NS	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	0.592	0.910	NS	NS	< 0.576 U	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	< 0.639 U	< 0.523 U	NS	0.495	< 0.505 U	0.681	0.727	< 0.570 U	< 0.512 U	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	36.5	41.9	NS	31.2	37.2	26.2	31.7	8.75	13.0	NS	NS
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	19.6	10.7	NS	NS	20.6	NS	NS	NS
Lead	mg/kg	NE	NE	NE	500	57.3	51.1	NS	38.8	14.8	19.1	119	56.2	11.2	NS	NS
Mercury	mg/kg	NE	NE	NE	20	0.0691	0.0733	NS	0.100	0.0724	0.0631 J+	1.63	2.18	0.377 J+	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	19.1	14.5	NS	NS	6.35	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	32.6	34.0	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	64.5	37.1	NS	NS	53.2	NS	NS	NS
Metals-SPLP																
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l	15	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	ug/l	2	20	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																
Aroclor 1248	ug/kg	NE	NE	NE	NE	3760	6370	727	< 20.6 U	< 22.7 U	< 22.2 U	< 24.4 U	NS	< 21.1 U	NS	< 23.9 U
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 26.4 U	< 23.4 U	< 26.4 U	< 20.6 U	< 22.7 U	< 22.2 U	< 24.4 U	NS	< 21.1 U	NS	< 23.9 U
Aroclor 1260	ug/kg	NE	NE	NE	NE	420	665	92.3	< 20.6 U	< 22.7 U	< 22.2 U	< 24.4 U	NS	< 21.1 U	NS	< 23.9 U
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	4180	7035	819	< 20.6 U	< 22.7 U	< 22.2 U	< 24.4 U	NS	< 21.1 U	NS	< 23.9 U
Pesticides																
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	< 9.48 U	< 8.78 U	NS	NS	NS	NS	< 9.73 U	15.6	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	< 5.92 U	< 5.49 U	NS	NS	NS	NS	< 6.08 U	10.4	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	< 5.92 U	< 5.49 U	NS	NS	NS	NS	6.40	< 5.58 U	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	< 23.7 U	< 22.0 U	NS	NS	NS	NS	30.3	< 22.3 U	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	< 5.92 U	< 5.49 U	NS	NS	NS	NS	< 6.08 U	< 5.58 U	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	< 9.48	< 8.78	NS	NS	NS	NS	< 9.73	26	NS	NS	NS

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Table 3-4
AOCs 3, 5, 6, and 9
Soil Analytical Data
Phase II Remedial Action Plan

Location ID	Depth Interval	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	T23-SB24 2 - 3 ft	T23-SB24 5 - 6 ft	T23-SB305 1 - 3 ft	T23-SB305 1 - 3 ft	T24-SB444 1 - 2 ft	U21A-SB346 0.5 - 1 ft	U21A-SB346 3 - 4 ft	U21-SB347 2 - 2.5 ft	U21-SB347 4 - 5 ft	U21-SB701 0 - 0.5 ft	U21-SB702 0 - 0.5 ft
Sample ID	Sample Date						T23-SB24 2-3 8/10/2011	T23-SB24 5-6 8/10/2011	23-SB305(1-3)-021712 2/17/2012	23-SB305(1-3)-021712 2/17/2012	24-SB444(1-2)-070912 7/9/2012	1A-SB346(0.5-1)-040912 4/9/2012	1A-SB346(3-4)-040912 4/9/2012	21-SB347(2-2.5)-040912 4/9/2012	21-SB347(4-5)-040912 4/9/2012	U21-SB701 6/26/2018	U21-SB702 6/26/2018
SDG							SB33209	SB33209	SB44128	SB44128	SB52647	SB46864	SB46864	SB46864	SB46864	18F1319	18F1319
CTETPH																	
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg		500	2500	NE	500	67.3	NS	< 15.2 U	< 15.1 U	< 27.4 U	NS	70.0	NS	< 15.4 U	NS	NS
Total Petroleum Hydrocarbons	mg/kg		500	2500	NE	500	67.3	NS	< 15.2 U	< 15.1 U	< 27.4 U	NS	70.0	NS	< 15.4 U	NS	NS
Unidentified	mg/kg		NE	NE	NE	NE	67.3	NS	< 15.2 U	< 15.1 U	< 27.4 U	NS	70.0	NS	< 15.4 U	NS	NS
CT ETPH-SPLP																	
CT ETPH-SPLP	mg/l		NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																	
Total VOCs	ug/kg		NE	NE	NE	NE	NS	NS	< 5.0 U	< 4.9 U	NS	NS	< 69.0 U	NS	< 76.3 U	NS	NS
SVOCs																	
Benzo(a)anthracene	ug/kg		1000	1000	NE	1000	< 784 U	NS	< 377 U	< 375 U	< 349 U	NS	398	NS	< 383 U	NS	NS
Benzo(a)pyrene	ug/kg		1000	1000	NE	1000	< 784 U	NS	< 377 U	< 375 U	< 349 U	NS	421	NS	< 383 U	NS	NS
Benzo(b)fluoranthene	ug/kg		1000	1000	NE	1000	< 784 U	NS	< 377 U	< 375 U	< 349 U	NS	< 398 U	NS	< 383 U	NS	NS
Benzo(g,h,i)perylene	ug/kg		1000	1000	NE	8400	< 784 U	NS	< 377 U	< 375 U	< 349 U	NS	< 398 U	NS	< 383 U	NS	NS
Benzo(k)fluoranthene	ug/kg		1000	1000	NE	8400	< 784 U	NS	< 377 U	< 375 U	< 349 U	NS	< 398 U	NS	< 383 U	NS	NS
Chrysene	ug/kg		1000	1000	NE	84000	< 784 U	NS	< 377 U	< 375 U	< 349 U	NS	< 398 U	NS	< 383 U	NS	NS
Fluoranthene	ug/kg		5600	56000	NE	1.00E+06	< 784 U	NS	< 377 U	< 375 U	< 349 U	NS	948	NS	< 383 U	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg		1000	1000	NE	1000	< 784 U	NS	< 377 U	< 375 U	< 349 U	NS	< 398 U	NS	< 383 U	NS	NS
Phenanthrene	ug/kg		4000	40000	NE	1.00E+06	< 784 U	NS	< 377 U	< 375 U	< 349 U	NS	488	NS	< 383 U	NS	NS
Pyrene	ug/kg		4000	40000	NE	1.00E+06	< 784 U	NS	< 377 U	< 375 U	< 349 U	NS	826	NS	< 383 U	NS	NS
Metals																	
Arsenic	mg/kg		NE	NE	NE	10	3.69	NS	2.42	2.25	< 3.45 U	3.09	NS	1.49	NS	NS	NS
Barium	mg/kg		NE	NE	NE	4700	NS	NS	89.8 J+	97.2 J+	97.9	64.4	NS	81.8	NS	NS	NS
Beryllium	mg/kg		NE	NE	NE	2	NS	NS	< 0.560 U	0.604	0.652	< 0.501 U	NS	< 0.494 U	NS	NS	NS
Cadmium	mg/kg		NE	NE	NE	34	< 0.564 U	NS	< 0.560 U	< 0.540 U	< 0.507 U	< 0.501 U	NS	< 0.494 U	NS	NS	NS
Chromium	mg/kg		NE	NE	NE	NE	13.8	NS	23.9	24.0	22.5	25.1	NS	22.7	NS	NS	NS
Copper	mg/kg		NE	NE	NE	2500	NS	NS	17.0	15.4	15.1	17.5	NS	22.5	NS	NS	NS
Lead	mg/kg		NE	NE	NE	500	18.9	NS	6.68	7.05	8.07	24.0 J	NS	4.94 J	NS	NS	NS
Mercury	mg/kg		NE	NE	NE	20	< 0.0349 U	NS	< 0.0329 U	< 0.0332 U	< 0.0285 U	< 0.0321 U	NS	< 0.0331 U	NS	NS	NS
Nickel	mg/kg		NE	NE	NE	1400	NS	NS	13.7	13.7	10.2	11.7	NS	14.4	NS	NS	NS
Vanadium	mg/kg		NE	NE	NE	470	NS	NS	23.8	22.8	29.7	19.1	NS	23.3	NS	NS	NS
Zinc	mg/kg		NE	NE	NE	20000	NS	NS	31.1	29.8	45.0 J	67.2	NS	34.5	NS	NS	NS
Metals-SPLP																	
Arsenic	ug/l		50	500	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	ug/l		15	50	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	ug/l		2	20	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																	
Aroclor 1248	ug/kg		NE	NE	NE	NE	NS	< 21.9 U	< 22.1 U	< 22.3 U	< 19.5 U	< 21.6 U	NS	< 21.2 U	NS	710	120
Aroclor 1254	ug/kg		NE	NE	NE	NE	NS	< 21.9 U	< 22.1 U	< 22.3 U	< 19.5 U	< 21.6 U	NS	< 21.2 U	NS	360	130
Aroclor 1260	ug/kg		NE	NE	NE	NE	NS	< 21.9 U	< 22.1 U	< 22.3 U	< 19.5 U	< 21.6 U	NS	< 21.2 U	NS	180	87
Total PCB Aroclors	ug/kg		NE	NE	NE	1000	NS	< 21.9 U	< 22.1 U	< 22.3 U	< 19.5 U	< 21.6 U	NS	< 21.2 U	NS	1250	337
Pesticides																	
4,4-DDD (p,p)	ug/kg		NE	NE	NE	NE	< 9.42 U	NS	NS	NS	NS	< 8.65 U	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg		NE	NE	NE	NE	< 5.89 U	NS	NS	NS	NS	< 5.41 U	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg		NE	NE	NE	NE	15.2 J	NS	NS	NS	NS	< 5.41 U	NS	NS	NS	NS	NS
Chlordane	ug/kg		NE	NE	NE	490	58.2	NS	NS	NS	NS	< 21.6 U	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg		NE	NE	NE	NE	15.0	NS	NS	NS	NS	< 5.41 U	NS	NS	NS	NS	NS
Total DDx	ug/kg		3	20	NE	1800	< 9.42	NS	NS	NS	NS	< 8.65	NS	NS	NS	NS	NS

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternatives

(September 2018)

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ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

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Table 3-4
AOCs 3, 5, 6, and 9
Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	U21-SB703 0 - 0.5 ft U21-SB703 6/26/2018 18F1319	U21-SB704 0 - 0.5 ft U21-SB704 6/26/2018 18F1319	U23-SS50 0 - 0.5 ft U23-SS50-080411 8/4/2011 SB32875	UTIL-A-2 0 - 2 ft UTIL-A-2-082015-1 8/20/2015 GBJ79558	UTIL-A-3 0 - 2 ft UTIL-A-3-082015-1 8/20/2015 GBJ79558
CTETPH										
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS
CT ETPH-SPLP										
CT ETPH-SPLP	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS
VOCs										
Total VOCs	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS
SVOCs										
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1.00E+06	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	NS	NS
Phenanthrene	ug/kg	4000	40000	NE	1.00E+06	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1.00E+06	NS	NS	NS	NS	NS
Metals										
Arsenic	mg/kg	NE	NE	NE	10	NS	NS	NS	NS	NS
Barium	mg/kg	NE	NE	NE	4700	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS
Copper	mg/kg	NE	NE	NE	2500	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	NE	500	NS	NS	NS	NS	NS
Mercury	mg/kg	NE	NE	NE	20	NS	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	NS	NS	NS
Metals-SPLP										
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS
Lead	ug/l	15	50	NE	NE	NS	NS	NS	NS	NS
Mercury	ug/l	2	20	NE	NE	NS	NS	NS	NS	NS
PCBs										
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 96	< 95	< 20.9 U	< 360	< 350
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 96	130	< 20.9 U	< 360	< 350
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 96	250	< 20.9 U	< 360	< 350
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 96	380	< 20.9 U	< 360	< 350
Pesticides										
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

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Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

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Table 3-4
AOCs 3, 5, 6, and 9
Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	GWPC x 10	2013 RES DEC	UTIL-A-4 0 - 2 ft UTIL-A-4-082015-1 8/20/2015 GBJ79558	UTIL-A-5 0 - 2 ft UTIL-A-5-082015-1 8/20/2015 GBJ79558	V21A-SB401 2 - 3 ft V21A-SB401(2-3)-062712 6/27/2012 SB51902	V21A-SB401 4 - 5 ft V21A-SB401 (4-5)-062712 6/27/2012 SB51902	V21A-SB401 5 - 5.5 ft V21A-SB401 (5-5.5)-062712 6/27/2012 SB51902	V21-SB345 1 - 2 ft V21-SB345(1-2)-040912 4/9/2012 SB46864	V21-SB345 5 - 6 ft V21-SB345(5-6)-040912 4/9/2012 SB46864	V21-SB600 5 - 6 ft V21-SB600 (5-6)-1 4/12/2018 18D0545	V21-SB601 5 - 6 ft V21-SB601 (5-6)-1 4/12/2018 18D0545	V21-SB601 6 - 8 ft V21-SB601 (6-8)-1 4/12/2018 18D0545	V21-SB700 0 - 2 ft V21-SB700 6/26/2018 18F1319
CTETPH																
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	NE	500	NS	NS	NS	< 29.8 U	NS	NS	600	41	30	31	34
Total Petroleum Hydrocarbons	mg/kg	500	2500	NE	500	NS	NS	NS	< 29.8 U	NS	NS	600	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	< 29.8 U	NS	NS	600	NS	NS	NS	NS
CT ETPH-SPLP																
CT ETPH-SPLP	mg/l	NE	NE	2.5	NE	NS	NS	NS	NS	NS	NS	< 0.1 U	NS	NS	NS	NS
VOCs																
Total VOCs	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 100 U	NS	NS	NS	NS
SVOCs																
Benzo(a)anthracene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 192 U	NS	NS	< 2110 U	NS	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 192 U	NS	NS	< 2110 U	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 192 U	NS	NS	< 2110 U	NS	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	1000	1000	NE	8400	NS	NS	NS	< 192 U	NS	NS	< 2110 U	NS	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	NE	8400	NS	NS	NS	< 192 U	NS	NS	< 2110 U	NS	NS	NS	NS
Chrysene	ug/kg	1000	1000	NE	84000	NS	NS	NS	< 192 U	NS	NS	< 2110 U	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	NE	1.00E+06	NS	NS	NS	< 192 U	NS	NS	4440	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	1000	1000	NE	1000	NS	NS	NS	< 192 U	NS	NS	< 2110 U	NS	NS	NS	NS
Phenanthrene	ug/kg	4000	40000	NE	1.00E+06	NS	NS	NS	< 192 U	NS	NS	< 2110 U	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	NE	1.00E+06	NS	NS	NS	< 192 U	NS	NS	3850	NS	NS	NS	NS
Metals																
Arsenic	mg/kg	NE	NE	NE	10	NS	NS	5.31	4.61 J+	5.87 J+	3.59	102	< 1.8	2.4	< 1.9	14
Barium	mg/kg	NE	NE	NE	4700	NS	NS	215	81.5	333	96.9	333	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	NE	2	NS	NS	0.727	< 0.491 U	< 0.506 U	< 0.510 U	0.716	NS	NS	NS	NS
Cadmium	mg/kg	NE	NE	NE	34	NS	NS	0.552	< 0.491 U	< 0.506 U	< 0.510 U	1.04	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	38.0	20.6	40.7	61.1	34.8	NS	NS	NS	NS
Copper	mg/kg	NE	NE	NE	2500	NS	NS	18.7	20.5	13.5	23.6	56.4	NS	NS	NS	NS
Lead	mg/kg	NE	NE	NE	500	NS	NS	28.9	65.2	21.6	16.9 J	1400 J	15	45	23	1600
Mercury	mg/kg	NE	NE	NE	20	NS	NS	< 0.0334 U	0.0882	0.0699	0.0570	0.314	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	NE	1400	NS	NS	15.9	12.1	15.3	17.0	15.4	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	NE	470	NS	NS	36.2	22.7	32.8	30.4	32.7	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	NE	20000	NS	NS	50.6	67.4	43.9	41.7	368	NS	NS	NS	NS
Metals-SPLP																
Arsenic	ug/l	50	500	NE	NE	NS	NS	NS	NS	NS	NS	20.7	NS	NS	NS	NS
Lead	ug/l	15	50	NE	NE	NS	NS	NS	NS	NS	NS	80.1	9.2	15	200	550
Mercury	ug/l	2	20	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																
Aroclor 1248	ug/kg	NE	NE	NE	NE	< 460	< 420	< 22.6 U	< 21.2 U	< 22.2 U	< 21.8 U	< 25.5 U	NS	NS	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NE	< 460	< 420	< 22.6 U	< 21.2 U	< 22.2 U	< 21.8 U	< 25.5 U	NS	NS	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NE	< 460	< 420	< 22.6 U	< 21.2 U	< 22.2 U	< 21.8 U	< 25.5 U	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	NE	1000	< 460	< 420	< 22.6 U	< 21.2 U	< 22.2 U	< 21.8 U	< 25.5 U	NS	NS	NS	NS
Pesticides																
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	NE	NE	NE	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	SEH (15x RES DEC)	D31-SB633 0 - 1 ft D31-SB633 (0-1)-1 12/28/2018 18L1306	E31-SB634 0 - 1 ft E31-SB634 (0-1)-1 12/28/2018 18L1306	E32-SB317 0 - 0.5 ft E32-SB317(0-0.5)-041012 4/10/2012 SB46977	E32-SB317 1 - 1.5 ft E32-SB317(1-1.5)-041012 4/10/2012 SB46977	F31-SB627 0 - 1 ft F31-SB627 (0-1) 11/29/2018 18K1267	G27-SB612 0 - 1 ft G27-SB612 (0-1) 7/3/2018 18G0089	G28-SB611 0 - 1 ft G28-SB611 (0-1) 7/3/2018 18G0089	G29-SB606 0 - 1 ft G29-SB606 (0-1) 7/3/2018 18G0089	G30-SB248 0.5 - 4 ft G30-SB248(0.5-4)-1 12/29/2011 SB41766	G30-SB248 0.5 - 4 ft G30-SB248(0.5-4)-2 12/29/2011 SB41766	G30-SB248 4 - 4.5 ft G30-SB248(4-4.5)-1 12/29/2011 SB41766	G30-SB248C 0 - 1 ft G30-SB248C(0-1)_062513 6/25/2013 SB72106	G30-SB248D 0 - 1 ft G30-SB248D(0-1)_062513 6/25/2013 SB72106	G30-SB625 0 - 1 ft G30-SB625 (0-1) 11/29/2018 18K1266	H26-SB613 0 - 1 ft H26-SB613 (0-1) 7/3/2018 18G0089
CTDEPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	500	NE	NS	NS	NS	< 15.8 U	NS	NS	NS	NS	39.9	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	500	NE	NS	NS	NS	< 15.8 U	NS	NS	NS	NS	39.9	NS	NS	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	< 15.8 U	NS	NS	NS	NS	39.9	NS	NS	NS	NS	NS	NS
VOCs																				
Total VOCs	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
Pyrene	ug/kg	4000	1000000	1000000	NE	NS	NS	NS	< 391 U	NS	NS	NS	NS	< 433 U	NS	NS	NS	NS	NS	NS
Metals																				
Arsenic	mg/kg	NE	NE	10	NE	NS	NS	7.50	NS	NS	NS	NS	NS	12.2	20.4	11.1	11.6	31.4	NS	NS
Barium	mg/kg	NE	NE	4700	NE	NS	NS	71.7	NS	NS	NS	NS	NS	257 J	193 J	422 J	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	2	NE	NS	NS	1.07	NS	NS	NS	NS	NS	1.14	1.36	1.86	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	2	NE	NS	NS	24.9	NS	NS	NS	NS	NS	54.2 J	45.8 J	65.9 J	NS	NS	NS	NS
Copper	mg/kg	NE	NE	2500	NE	NS	NS	10.6	NS	NS	NS	NS	NS	45.3 J-	51.3 J-	< 33.6 UJ	NS	NS	NS	NS
Lead	mg/kg	NE	NE	500	NE	NS	NS	31.8	NS	NS	NS	NS	NS	75.1	89.3	NS	NS	NS	NS	NS
Mercury	mg/kg	NE	NE	20	NE	NS	NS	0.154 J+	NS	NS	NS	NS	NS	0.259 J	0.288 J	0.119 J	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	1400	NE	NS	NS	12.0	NS	NS	NS	NS	NS	26.8 J	27.1 J	28.2 J	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	470	NE	NS	NS	32.1	NS	NS	NS	NS	NS	54.9	54.1	62.1	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	20000	NE	NS	NS	42.6	NS	NS	NS	NS	NS	< 119 UJ	< 143 UJ	< 123 UJ	NS	NS	NS	NS
Metals-SPLP																				
Metals-SPLP	ug/l	50	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 8.0 U	NS	NS	NS	NS
Cyanide																				
Cyanide	mg/kg	NE	NE	1400	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																				
Aroclor 1254	ug/kg	NE	NE	NE	NE	NS	NS	28.4	< 22.8 U	NS	NS	NS	NS	< 24.4 U	< 29.0 U	< 28.4 U	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	NE	NE	NS	NS	28.4	< 22.8 U	NS	NS	NS	NS	< 24.4 U	< 29.0 U	< 28.4 U	NS	NS	NS	NS
Pesticides																				
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	< 67	< 5.6	< 9.80 U	NS	< 4.7	< 9.5	< 26	< 4.8	< 10.4 U	< 11.8 U	NS	NS	NS	< 4.8	< 27
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	28	NS	< 6.13 U	NS	< 4.7	30	55	NS	< 6.48 U	< 7.36 U	NS	NS	NS	< 4.8	29
4,4-DDT (p,p)	ug/kg	NE	NE	NE	NE	140	26	< 9.80 U	NS	< 4.7	22	37	27	< 10.4 U	< 11.8 U	NS	NS	NS	< 4.8	35
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	< 6.13 U	NS	NS	NS	NS	NS	< 6.48 U	< 7.36 U	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	7350	< 330	< 28	< 24.5 U	NS	< 23	960	2500	100	< 25.9 U	< 29.5 U	NS	NS	NS	36	1800
Endosulfan I	ug/kg	NE	NE	NE	NE	< 84	< 7.0	< 6.13 U	NS	< 5.8	< 12	< 32	< 6.1	< 6.48 U	< 7.36 U	NS	NS	NS	< 6.0	< 33
Endosulfan sulfate	ug/kg	NE	NE	NE	NE	29	2.8	< 9.80 U	NS	< 9.3	< 19	< 52	< 9.7	< 10.4 U	< 11.8 U	NS	NS	NS	< 9.6	< 53
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	< 6.13 U	NS	NS	NS	NS	NS	< 6.48 U	< 7.36 U	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	2100	< 84	< 7.0	< 6.13 U	NS	< 5.8	< 12	< 32	< 6.1	< 6.48 U	< 7.36 U	NS	NS	NS	< 6.0	< 33
Heptachlor epoxide	ug/kg	20	20	67	1005	< 84	< 7.0	< 6.13 U	NS	< 5.8	86	210	< 6.1	< 6.48 U	< 7.36 U	NS	NS	NS	< 6.0	140
Total DDx	ug/kg	3	20	1800	27000	168	28.8	< 9.80	NS	< 4.7	52	92	55	< 6.48	< 7.36	NS	NS	NS	< 4.8	64
Pesticides-SPLP																				
4,4-DDE (p,p)	ug/l	NE	NE	NE	NE	0.15	< 0.040	NS	NS	NS	< 0.040	NS	< 0.040	NS	NS	NS	NS	NS	NS	< 0.040
4,4-DDT (p,p)	ug/l	NE	NE	NE	NE	0.99	< 0.040	NS	NS	NS	< 0.040	NS	< 0.040	NS	NS	NS	NS	NS	NS	< 0.040
Chlordane	ug/l	NE	NE	NE	NE	< 2.0	< 0.20	NS	NS	NS	0.78	NS	< 0.20	NS	NS	NS	NS	NS	NS	0.54
Endosulfan sulfate	ug/l	NE	NE	NE	NE	0.16	< 0.080	NS	NS	NS	< 0.080	NS	< 0.080	NS	NS	NS	NS	NS	NS	< 0.080
Heptachlor epoxide	ug/l	NE	NE	NE	NE	< 0.50	< 0.050	NS	NS	NS	0.25	NS	< 0.050	NS	NS	NS	NS	NS	NS	0.19
Total DDx	ug/l	NE	NE	NE	NE	1.14	< 0.040	NS	NS	NS	< 0.040	NS	< 0.040	NS	NS	NS	NS	NS	NS	< 0.040

Notes:
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Bold = Detected above reporting limit
Yellow highlighted cells exceed 2013 GA PMC
Green highlighted cells exceed the 2013 GB PMC
Blue highlighted cells exceed the 2013 RES DEC
Red highlighted cells exceed SEH criteria
RES DEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
SEH = Significant Environmental Hazard
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
NE = Criteria has not been established
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ug/kg = micrograms per kilogram
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J = Result is considered estimated
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Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	SEH (15x RES DEC)	H27-SB603 1 - 2 ft H27-SB603 (1-2)-1 4/13/2018 18D0644	H27-SB604 1 - 1 ft H27-SB604 (1-2) 7/3/2018 18G0089	H28-SB605 0 - 1 ft H28-SB605 (0-1) 7/3/2018 18G0089	H29-SB318 1.5 - 2 ft 29-SB318(1.5-2)-041012 4/10/2012 SB46977	H29-SB318 4 - 4.5 ft 29-SB318(4.4.5)-041012 4/10/2012 SB46977	H29-SB609 0 - 1 ft H29-SB609 (0-1) 7/3/2018 18G0089	I26-SB247 0.5 - 2.5 ft I26-SB247(0.5-2.5)-1 12/29/2011 SB41766	I26-SB247 2.5 - 3 ft I26-SB247(2.5-3)-1 12/29/2011 SB41766	I26-SB607 0 - 1 ft I26-SB607 (0-1) 7/3/2018 18G0089	I27-SB608 0 - 1 ft I27-SB608 (0-1) 7/3/2018 18G0089	SS-279 0 - 0.25 ft SS-279 (0-3) 8/22/2011 SB33952	P 1A 0 - 0.5 ft P 1A-04152014-1 4/15/2014 SB87659	P 1B 0 - 0.5 ft P 1B-04152014-1 4/15/2014 SB87659	P 1C 0 - 0.5 ft P 1C-04152014-1 4/15/2014 SB87659	P 1D 0 - 0.5 ft P 1D-04152014-1 4/15/2014 SB87659
CTDEPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	500	NE	NS	NS	NS	NS	96.9	NS	25.7	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	500	NE	NS	NS	NS	NS	96.9	NS	25.7	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	96.9	NS	25.7	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																				
Total VOCs	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	< 7.8 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
Pyrene	ug/kg	4000	1000000	1000000	NE	NS	NS	NS	NS	NS	< 396 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals																				
Arsenic	mg/kg	NE	NE	10	NE	NS	NS	NS	NS	NS	15.6	11.4	NS	NS	NS	7.60	NS	NS	NS	NS
Barium	mg/kg	NE	NE	4700	NE	NS	NS	NS	NS	NS	119 J	141 J	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	2	NE	NS	NS	NS	< 0.490 U	NS	1.07	0.805	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	2	NE	NS	NS	NS	NS	NS	30.3 J	33.8 J	NS	NS	NS	NS	NS	NS	NS	NS
Copper	mg/kg	NE	NE	2500	NE	NS	NS	NS	NS	NS	< 29.1 UJ	55.5 J-	NS	NS	NS	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	500	NE	NS	NS	NS	NS	NS	69.6	70.2	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	mg/kg	NE	NE	20	NE	NS	NS	NS	NS	NS	0.250 J	0.214 J	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	1400	NE	NS	NS	NS	NS	NS	16.0 J	18.5 J	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	470	NE	NS	NS	NS	NS	NS	37.8	37.4	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	20000	NE	NS	NS	NS	NS	NS	< 106 UJ	< 112 UJ	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP																				
Metals-SPLP	ug/l	50	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																				
Cyanide	mg/kg	NE	NE	1400	NE	NS	NS	NS	NS	NS	< 1.13 UJ	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																				
Aroclor 1254	ug/kg	NE	NE	NE	NE	NS	NS	NS	< 21.9 U	NS	NS	< 23.1 U	< 24.8 U	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	NE	NE	NS	NS	NS	< 21.9 U	NS	NS	< 23.1 U	< 24.8 U	NS	NS	NS	NS	NS	NS	NS
Pesticides																				
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	5.3	< 4.4	< 4.4	NS	NS	< 8.7	< 9.74 U	NS	< 24	< 4.6	< 12.5 U	< 9.51	< 9.62	< 8.66	< 9.70
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	11	< 4.4	< 4.4	NS	NS	9.1	< 6.09 U	NS	< 24	< 4.6	< 12.5 U	< 5.94	< 6.01	< 5.41	< 6.06
4,4-DDT (p,p)	ug/kg	NE	NE	NE	NE	5	< 4.4	< 4.4	NS	NS	9.9	< 9.74 U	NS	< 24	11	22.8	< 9.51	< 9.62	< 8.66	< 9.70
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	38.5 J	NS	NS	NS	451 J	641	258	99.8	284
Chlordane	ug/kg	66	66	490	7350	26	< 22	96	NS	NS	680	430	NS	1700	290	1940	1680	715	268	940
Endosulfan I	ug/kg	NE	NE	NE	NE	< 6	< 5.5	< 5.5	NS	NS	< 11	< 6.09 U	NS	< 30	< 5.8	< 7.80 U	< 5.94	< 6.01	< 5.41	< 6.06
Endosulfan sulfate	ug/kg	NE	NE	NE	NE	< 9.6	< 8.7	< 8.8	NS	NS	< 17	< 9.74 U	NS	< 48	< 9.2	< 12.5 U	< 9.51	< 9.62	< 8.66	< 9.70
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	43.6	NS	NS	NS	310	341	141	72.2	218
Heptachlor	ug/kg	13	13	140	2100	< 6	< 5.5	< 5.5	NS	NS	< 11	< 6.09 U	NS	< 30	< 5.8	< 7.80 U	< 5.94	< 6.01	< 5.41	< 6.06
Heptachlor epoxide	ug/kg	20	20	67	1005	< 6	< 5.5	< 5.5	NS	NS	20	< 6.09 U	NS	< 30	< 5.8	< 7.80 U	< 5.94	< 6.01	< 5.41	< 6.06
Total DDx	ug/kg	3	20	1800	27000	21.3	< 4.4	< 4.4	NS	NS	19	< 9.74	NS	< 24	11	43.5	< 9.51	< 9.62	< 8.66	< 9.70
Pesticides-SPLP																				
4,4-DDE (p,p)	ug/l	NE	NE	NE	NE	< 0.040	NS	< 0.040	NS	NS	NS	NS	NS	< 0.040	< 0.040	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NE	< 0.040	NS	< 0.040	NS	NS	NS	NS	NS	< 0.040	< 0.040	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NE	< 0.20	NS	< 0.20	NS	NS	NS	NS	NS	1.0	0.34	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NE	< 0.080	NS	< 0.080	NS	NS	NS	NS	NS	< 0.080	< 0.080	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NE	< 0.050	NS	< 0.050	NS	NS	NS	NS	NS	0.14	< 0.050	NS	NS	NS	NS	NS
Total DDx	ug/l	NE	NE	NE	NE	< 0.040	NS	< 0.040	NS	NS	NS	NS	NS	< 0.040	< 0.040	NS	NS	NS	NS	NS

Notes:
This is a summary table. Only detected compounds are presented.
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Bold = Detected above reporting limit
Yellow highlighted cells exceed 2013 GA PMC
Green highlighted cells exceed the 2013 GB PMC
Blue highlighted cells exceed the 2013 RES DEC
Red highlighted cells exceed SEH criteria
RES DEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
SEH = Significant Environmental Hazard
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
NE = Criteria has not been established
NS = Not sampled for this constituent
ug/kg = micrograms per kilogram
ug/l = micrograms per liter
mg/kg = milligrams per kilogram
U = The analyte was not detected above the detection limit
J+ = Result may be biased high
J- = Result may be biased low
J = Result is considered estimated
UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	SEH (15x RES DEC)	P-1 Base-1 0 - 0.5 ft P-1 BASE-1 07242014-1 7/24/2014 SB93361	P-1 Base-2 0 - 0.5 ft P-1 BASE-2 07242014-1 7/24/2014 SB93361	P-1 Base-3 0 - 0.5 ft P-1 BASE-3 07242014-1 7/24/2014 SB93361	P-1 Base-4 0 - 0.5 ft P-1 BASE-4 07242014-1 7/24/2014 SB93361	P-1 J 0 - 0.5 ft P-1, J-04152014-1 4/15/2014 SB87659	P-1 K 0 - 0.5 ft P-1, K-04152014-1 4/15/2014 SB87659	P-1 L 0 - 0.5 ft P-1, L-04152014-1 4/15/2014 SB87659	P-1 E 0 - 0.5 ft P-1-E-04152014-1 4/15/2014 SB87659	P-1 F 0 - 0.5 ft P-1, F-04152014-1 4/15/2014 SB87659	P-1 F 0 - 0.5 ft P-1, F-04152014-2 4/15/2014 SB87659	P-1 G 0 - 0.5 ft P-1, G-04152014-1 4/15/2014 SB87659	P-1 H 0 - 0.5 ft P-1, H-04152014-1 4/15/2014 SB87659	P-1 I 0 - 0.5 ft P-1, I-04152014-1 4/15/2014 SB87659	P-1 M 0 - 0.5 ft P-1, M-04152014-1 4/15/2014 SB87659	P-1 N 0 - 0.5 ft P-1N-06232014-1 6/23/2014 SB91699
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																				
Total VOCs	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
Pyrene	ug/kg	4000	1000000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals																				
Arsenic	mg/kg	NE	NE	10	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	mg/kg	NE	NE	4700	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	2	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	mg/kg	NE	NE	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	mg/kg	NE	NE	20	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	1400	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	470	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	20000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP																				
Metals-SPLP	ug/l	50	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																				
Cyanide	mg/kg	NE	NE	1400	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																				
Aroclor 1254	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																				
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	88.2	34.3	< 8.90	< 8.49	30.2	< 9.50	< 9.38	NS	157	33.2	31.2	< 9.48	44.1	< 9.00	< 9.11
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	26.6	13.8	< 5.56	< 5.31	< 6.16	< 5.94	< 5.87	NS	17.2	7.18	8.22	NS	< 6.66	< 5.63	< 5.69
4,4-DDT (p,p)	ug/kg	NE	NE	NE	NE	28.1	14.5	< 8.90	< 8.49	< 9.86	< 9.50	< 9.38	< 10.4	16.4	< 10.5	15.5	< 9.48	10.8	< 9.00	< 9.11
alpha-Chlordane	ug/kg	NE	NE	NE	NE	478	217	30.8	14.7	NS	29.7	18.2	< 5.87	21.6	973	295	< 5.93	183	531	< 5.69
Chlordane	ug/kg	66	66	490	7350	2080	857	153	61.6	570	84.9	< 23.5	72.3	2080	705	1440	27.9	710	1750	< 22.8
Endosulfan I	ug/kg	NE	NE	NE	NE	< 5.95	< 5.64	< 5.56	< 5.31	< 6.16	< 5.94	< 5.87	< 6.51	< 6.68	< 6.57	< 6.68	< 5.93	< 6.66	< 5.63	< 5.69
Endosulfan sulfate	ug/kg	NE	NE	NE	NE	< 9.52	< 9.02	< 8.90	< 8.49	< 9.86	< 9.50	< 9.38	< 10.4	< 10.7	< 10.5	< 9.24	< 9.48	< 10.7	< 9.00	< 9.11
gamma-Chlordane	ug/kg	NE	NE	NE	NE	371	158	25.3	11.2	143	21.5	< 5.87	NS	496	133	246	14.6	164	333	< 5.69
Heptachlor	ug/kg	13	13	140	2100	< 5.95	< 5.64	< 5.56	< 5.31	< 6.16	< 5.94	< 5.87	< 6.51	< 6.68	< 6.57	< 6.68	< 5.78	< 5.93	< 6.66	< 5.69
Heptachlor epoxide	ug/kg	20	20	67	1005	< 5.95	< 5.64	< 5.56	< 5.31	< 6.16	< 5.94	< 5.87	< 6.51	< 6.68	< 6.57	< 6.68	< 5.78	< 5.93	< 6.66	< 5.69
Total DDx	ug/kg	3	20	1800	27000	142.9	62.6	< 8.90	< 8.49	30.2	< 9.50	< 9.38	< 10.4	190.6	40.38	54.92	< 9.48	54.9	< 9.00	< 9.11
Pesticides-SPLP																				
4,4-DDE (p,p)	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 0.003	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 0.004	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	0.857	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 0.003	NS	NS	NS	NS	NS	NS
Total DDx	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	< 0.004	NS	NS	NS	NS	NS	NS

Notes:
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 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 Red highlighted cells exceed SEH criteria
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 SEH = Significant Environmental Hazard
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
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 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	SEH (15x RES DEC)	P-10 0 - 0.5 ft P-10-06232014-1 6/23/2014 SB91699	P-1P 0 - 0.5 ft P-1P-06232014-1 6/23/2014 SB91699	P-1P 0 - 0.5 ft P-1P-06232014-2 6/23/2014 SB91699	P-1Q 0 - 0.5 ft P-1Q-06232014-1 6/23/2014 SB91699	P-1R 0 - 0.5 ft P-1R-06232014-1 6/23/2014 SB91699	P-1SW-1 0 - 0.5 ft P-1SW-1 07242014-1 7/24/2014 SB93361	P-1SW-1 0 - 0.5 ft P-1SW-1 07242014-2 7/24/2014 SB93361	P-1SW-2 0 - 0.5 ft P-1SW-2 07242014-1 7/24/2014 SB93361	RA04-B3 1 - 1 ft RA04-B3 (1)-1 7/24/2020 20G1129	RA04-S3 0.5 - 1 ft RA04-S3(0.5-1)-1 7/24/2020 20G1129	RA04-S5 0.5 - 1 ft RA04-S5(0.5-1)-1 7/24/2020 20G1129	RA04-S6 0.5 - 1 ft RA04-S6(0.5-1)-1 7/24/2020 20G1129	RA04-E2A-B1 2 - 2 ft RA04-E2A-B1(2)-1 8/6/2020 20H0489	RA04-E2A-S1 1.5 - 1.5 ft RA04-E2A-S1(1.5)-1 8/6/2020 20H0489	RA04-E2A-S2 1.5 - 1.5 ft RA04-E2A-S2(1.5)-1 8/6/2020 20H0489
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																				
Total VOCs	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
Pyrene	ug/kg	4000	1000000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals																				
Arsenic	mg/kg	NE	NE	10	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	mg/kg	NE	NE	4700	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	2	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	mg/kg	NE	NE	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	mg/kg	NE	NE	20	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	1400	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	470	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	20000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP																				
Metals-SPLP	ug/l	50	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																				
Cyanide	mg/kg	NE	NE	1400	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																				
Aroclor 1254	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																				
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	< 8.93	< 9.24	< 9.35	< 8.33	25.4	12.8	10.7	< 8.55	9.4	< 100	6.0	< 480	< 35	< 30	< 31
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	6.21	< 5.78	< 5.84	< 5.21	6.53	6.16	< 5.78	< 5.34	20	< 100	57	< 480	100	76	60
4,4-DDT (p,p)	ug/kg	NE	NE	NE	NE	< 8.93	< 9.24	< 9.35	< 8.33	< 10.4	9.32	< 9.25	< 8.55	24	< 100	38	< 480	74	86	100
alpha-Chlordane	ug/kg	NE	NE	NE	NE	10.4	11.8	11.9	8.97	60.0	40.1	42.3	31.3	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	7350	61.9	64.7	71.9	48.9	283	163	182	165	150	1200	550	4100	2100	2300	2900
Endosulfan I	ug/kg	NE	NE	NE	NE	< 5.58	< 5.78	< 5.84	< 5.21	< 6.51	< 5.82	< 5.78	< 5.34	< 6.9	< 130	< 6.7	< 600	< 44	58	200
Endosulfan sulfate	ug/kg	NE	NE	NE	NE	< 8.93	< 9.24	< 9.35	< 8.33	< 10.4	< 9.32	< 9.25	< 8.55	< 11	< 210	< 11	< 960	< 71	< 59	< 62
gamma-Chlordane	ug/kg	NE	NE	NE	NE	6.88	11.3	10.5	6.65	39.4	31.6	33.6	32.0	NS	NS	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	2100	< 5.58	< 5.78	< 5.84	< 5.21	< 6.51	< 5.82	< 5.78	< 5.34	< 6.9	< 130	< 6.7	< 600	< 44	< 37	< 39
Heptachlor epoxide	ug/kg	20	20	67	1005	< 5.58	< 5.78	< 5.84	< 5.21	< 6.51	< 5.82	< 5.78	< 5.34	13	< 270	54	< 600	140	160	210
Total DDx	ug/kg	3	20	1800	27000	6.21	< 9.24	< 9.35	< 8.33	31.93	18.96	10.7	< 8.55	53.4	< 100	101	< 480	174	160	160
Pesticides-SPLP																				
4,4-DDE (p,p)	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected compounds are presented.
 <0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
 Yellow highlighted cells exceed 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 Red highlighted cells exceed SEH criteria
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 SEH = Significant Environmental Hazard
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
 NE = Criteria has not been established
 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	SEH (15x RES DEC)	RA04-E2B-B1 2 - 2 ft RA04-E2B-B1 (2)-1 8/7/2020 20H0492	RA04-E2B-B2 2 - 2 ft RA04-E2B-B2 (2)-1 8/7/2020 20H0492	RA04-E2B-B3 2 - 2 ft RA04-E2B-B3 (2)-1 8/7/2020 20H0492	RA04-E2B-S1 1 - 1 ft RA04-E2B-S1 (1)-1 8/7/2020 20H0492	RA04-E2B-S2 1.5 - 1.5 ft RA04-E2B-S2 (1.5)-1 8/7/2020 20H0492	RA04-E2B-S4 1.5 - 1.5 ft RA04-E2B-S4 (1.5)-1 8/7/2020 20H0492	RA04-E2B-S5 1.5 - 1.5 ft RA04-E2B-S5 (1.5)-1 8/7/2020 20H0492	RA04-E2B-S6 1 - 1 ft RA04-E2B-S6 (1)-1 8/7/2020 20H0492	RA04-E2B-S7 1 - 1 ft RA04-E2B-S7 (1)-1 8/7/2020 20H0492	RA04-E2B-S7 1 - 1 ft RA04-E2B-S7 (1)-2 8/7/2020 20H0492	RA04-E2B-S8 1 - 1 ft RA04-E2B-S8 (1)-1 8/7/2020 20H0492	RA04-E3A-B1 4 - 4 ft RA04-E3A-B1(4)-1 8/26/2020 20H1332	RA04-E3A-B1 4 - 4 ft RA04-E3A-B1(4)-2 8/26/2020 20H1332	RA04-E3A-S1 3 - 3 ft RA04-E3A-S1(3)-1 8/26/2020 20H1332	RA04-E3A-S2 3 - 3 ft RA04-E3A-S2(3)-1 8/26/2020 20H1332
CTETPH																				
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
VOCs																				
Total VOCs	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SVOCs																				
Pyrene	ug/kg	4000	1000000	1000000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals																				
Arsenic	mg/kg	NE	NE	10	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Barium	mg/kg	NE	NE	4700	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	2	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	2	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Copper	mg/kg	NE	NE	2500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	500	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mercury	mg/kg	NE	NE	20	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	1400	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	470	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	20000	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP																				
Metals-SPLP	ug/l	50	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide																				
Cyanide	mg/kg	NE	NE	1400	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs																				
Aroclor 1254	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides																				
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	6.8	16	50	22	< 32	43	14	17	11	12	< 26	80	67	34	160
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	16	10	38	36	100	60	27	37	53	54	51	41	< 59	19	92
4,4-DDT (p,p)	ug/kg	NE	NE	NE	NE	8.5	5.1	< 27	19	100	32	29	30	37	28	26	< 31	< 59	11	27
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	7350	77	21	< 130	110	90	87	70	140	390	420	860	< 160	< 290	33	< 140
Endosulfan I	ug/kg	NE	NE	NE	NE	< 8.1	< 6.8	< 33	7.4	< 40	3.9	< 7.2	< 6.2	140	140	82	< 39	< 73	< 6.5	< 36
Endosulfan sulfate	ug/kg	NE	NE	NE	NE	< 13	< 11	< 54	< 9.3	< 64	< 12	< 11	< 9.8	< 10	< 10	< 52	< 63	< 120	< 10	< 57
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	2100	< 8.1	< 6.8	< 33	< 5.8	< 40	< 7.5	< 7.2	< 6.2	< 6.3	< 6.3	< 32	< 39	< 73	< 6.5	< 36
Heptachlor epoxide	ug/kg	20	20	67	1005	13	< 6.8	< 33	11	< 40	12	8.2	11	72	78	91	< 39	< 73	< 6.5	< 36
Total DDx	ug/kg	3	20	1800	27000	31.3	31.1	88	77	200	135	70	84	101	94	77	121	67	64	135
Pesticides-SPLP																				
4,4-DDE (p,p)	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
 This is a summary table. Only detected compounds are presented.
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Bold = Detected above reporting limit
 Yellow highlighted cells exceed 2013 GA PMC
 Green highlighted cells exceed the 2013 GB PMC
 Blue highlighted cells exceed the 2013 RES DEC
 Red highlighted cells exceed SEH criteria
 RES DEC = Residential Direct Exposure Criteria
 GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
 GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
 SEH = Significant Environmental Hazard
 Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
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 NS = Not sampled for this constituent
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter
 mg/kg = milligrams per kilogram
 U = The analyte was not detected above the detection limit
 J+ = Result may be biased high
 J- = Result may be biased low
 J = Result is considered estimated
 UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table3-5
AOC 8 Cider Mill Pond
Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	SEH (15x RES DEC)	RA04-E3A-S3 2.5 - 2.5 ft RA04-E3A-S3(2.5)-1 8/26/2020 20H1332	RA04-E3A-S4 2.5 - 2.5 ft RA04-E3A-S4(2.5)-1 8/26/2020 20H1332	RA04-E3B-B1 4 - 4 ft RA04-E3B-B1(4)-1 8/26/2020 20H1351	RA04-E3B-S1 1.5 - 1.5 ft RA04-E3B-S1(1.5)-1 8/26/2020 20H1351	RA04-E3B-S2 1.5 - 1.5 ft RA04-E3B-S2(1.5)-1 8/26/2020 20H1351
CTETPH										
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	500	NE	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	500	NE	NS	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS
VOCs										
Total VOCs	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS
SVOCs										
Pyrene	ug/kg	4000	1000000	1000000	NE	NS	NS	NS	NS	NS
Metals										
Arsenic	mg/kg	NE	NE	10	NE	NS	NS	NS	NS	NS
Barium	mg/kg	NE	NE	4700	NE	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	2	NE	NS	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS
Copper	mg/kg	NE	NE	2500	NE	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	500	NE	NS	NS	NS	NS	NS
Mercury	mg/kg	NE	NE	20	NE	NS	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	1400	NE	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	470	NE	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	20000	NE	NS	NS	NS	NS	NS
Metals-SPLP										
Metals-SPLP	ug/l	50	NE	NE	NE	NS	NS	NS	NS	NS
Cyanide										
Cyanide	mg/kg	NE	NE	1400	NE	NS	NS	NS	NS	NS
PCBs										
Aroclor 1254	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS
Pesticides										
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NE	18	23	< 5.5	< 130	63
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NE	26	43	< 5.5	170	78
4,4-DDT (p,p)	ug/kg	NE	NE	NE	NE	< 23	28	< 5.5	120	< 57
alpha-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	7350	120	55	20	5300	180
Endosulfan I	ug/kg	NE	NE	NE	NE	< 29	< 31	< 6.9	110	< 72
Endosulfan sulfate	ug/kg	NE	NE	NE	NE	< 47	< 50	< 11	< 260	< 110
gamma-Chlordane	ug/kg	NE	NE	NE	NE	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	2100	< 29	< 31	< 6.9	< 160	< 72
Heptachlor epoxide	ug/kg	20	20	67	1005	20	< 31	< 6.9	260	< 72
Total DDx	ug/kg	3	20	1800	27000	44	94	< 5.5	290	141
Pesticides-SPLP										
4,4-DDE (p,p)	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS
Total DDx	ug/l	NE	NE	NE	NE	NS	NS	NS	NS	NS

Notes:
This is a summary table. Only detected compounds are presented.
<0.010 = Not detected above the laboratory reporting limit
Bold = Detected above reporting limit
Yellow highlighted cells exceed 2013 GA PMC
Green highlighted cells exceed the 2013 GB PMC
Blue highlighted cells exceed the 2013 RES DEC
Red highlighted cells exceed SEH criteria
RES DEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
SEH = Significant Environmental Hazard
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
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ug/kg = micrograms per kilogram
ug/l = micrograms per liter
mg/kg = milligrams per kilogram
U = The analyte was not detected above the detection limit
J+ = Result may be biased high
J- = Result may be biased low
J = Result is considered estimated
UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	28-SB319 0 - 0.5 ft 28-SB319(0-0.5)-041012-1 4/10/2012 SB46977	28-SB319 3 - 3.5 ft 28-SB319(3-3.5)-041012-1 4/10/2012 SB46977	34-SB316A 0 - 1 ft 34-SB316A(0-1)_062513-1 6/25/2013 SB72106	34-SB316B 0 - 1 ft 34-SB316B(0-1)_062513-1 6/25/2013 SB72106	35-SB488 2.5 - 3.5 ft 5-SB488 (2.5-3.5)-071312 7/13/2012 SB52798	A27-SB320 0 - 0.5 ft A27-SB320(0-0.5)-041012-1 4/10/2012 SB46977	A27-SB320 1 - 2 ft A27-SB320(1-2)-041012-1 4/10/2012 SB46977	A27-SB320 1 - 2 ft A27-SB320(1-2)-041012-2 4/10/2012 SB46977	AS-1 Base1 0 - 0.5 ft AS-1 BASE1-07152014-1 7/15/2014 SB92820	AS-1 Base2 0 - 0.5 ft AS-1 BASE2-07152014-1 7/15/2014 SB92820
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	< 21.1 U	NS	NS	< 21.6 U	< 29.2 U	< 23.5 U	< 22.1 U	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NS	< 21.1 U	NS	NS	< 21.6 U	< 29.2 U	< 23.5 U	< 22.1 U	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NS	< 21.1 U	NS	NS	< 21.6 U	< 29.2 U	< 23.5 U	< 22.1 U	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	< 21.1 U	NS	NS	< 21.6 U	< 29.2 U	< 23.5 U	< 22.1 U	NS	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	< 9.65 U	NS	NS	NS	NS	< 11.5 UJ	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	34.9	NS	NS	NS	NS	16.9 J	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	16.5	NS	NS	NS	NS	20.7 J	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	55.7	NS	NS	NS	NS	< 7.20 U	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	275	NS	NS	NS	NS	< 28.8 U	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	< 6.03 U	NS	NS	NS	NS	< 7.20 U	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	< 9.65 U	NS	NS	NS	NS	< 11.5 U	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	43.3	NS	NS	NS	NS	< 7.20 U	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	< 6.03 U	NS	NS	NS	NS	< 7.20 U	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	< 6.03 U	NS	NS	NS	NS	< 7.20 U	NS	NS	NS	NS
Total DDX	ug/kg	3	20	1800	51.4	NS	NS	NS	NS	37.6	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative

Criteria Requests (September 2018)

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is approximate and may be

inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AS-1 SW1 0 - 0.5 ft AS-1 SW1-07152014-1 7/15/2014 SB92820	AS-1 SW2 0 - 0.5 ft AS-1 SW2-07152014-1 7/15/2014 SB92820	AS-1B 0 - 0.5 ft AS-1, B-04162014-1 4/16/2014 SB87793	AS-1H 0 - 0.5 ft AS-1, H-04162014-1 4/16/2014 SB87793	AS-1N 0 - 0.5 ft AS-1N-06232014-1 6/23/2014 SB91699	AS-2- Base 0 - 0.5 ft AS-2- BASE-1- 07112014-1 7/11/2014 SB92711	AS-2- SW 0 - 0.5 ft AS-2- SW-1- 07112014-1 7/11/2014 SB92711	AS-2A 0 - 0.5 ft AS-2, A-04162014-1 4/16/2014 SB87793	AS-2D 0 - 0.5 ft AS-2, D-04162014-1 4/16/2014 SB87793	AS-2E 0 - 0.5 ft AS-2, E-04162014-1 4/16/2014 SB87793
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/kg	3	20	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub Criteria Requests (September 2018)

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NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

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mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

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Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AS-3 Base1 0 - 0.5 ft AS-3 BASE1-07182014-1 7/18/2014 SB93077	AS-3 Base2 0 - 0.5 ft AS-3 BASE2-07182014-1 7/18/2014 SB93077	AS-3 Base3 0 - 0.5 ft AS-3 BASE3-07182014-1 7/18/2014 SB93077	AS-3 Base4 0 - 0.5 ft AS-3 BASE4-07182014-1 7/18/2014 SB93077	AS-3 Base5 0 - 0.5 ft AS-3 BASE5-07182014-1 7/18/2014 SB93077	AS-3 Base6 0 - 0.5 ft AS-3 BASE6-07182014-1 7/18/2014 SB93077	AS-3 SW-1 0 - 0.5 ft AS-3 SW-1-07182014-1 7/18/2014 SB93077	AS-3 SW-11 0 - 0.5 ft AS-3 SW-11-08062014-1 8/6/2014 SB94046	AS-3 SW-2 0 - 0.5 ft AS-3 SW-2-07182014-1 7/18/2014 SB93077	AS-3 SW-4 0 - 0.5 ft AS-3 SW-4-07182014-1 7/18/2014 SB93077
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/kg	3	20	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AS-3 SW-6 0 - 0.5 ft AS-3 SW-6-07182014-1 7/18/2014 SB93077	AS-3 SW-7 0 - 0.5 ft AS-3 SW-7-07182014-1 7/18/2014 SB93077	AS-3 SW-9 0 - 0.5 ft AS-3 SW-9-07282014-1 7/28/2014 SB93521	AS-3E 0 - 0.5 ft AS-3, E-04162014-1 4/16/2014 SB87793	AS-3G 0 - 0.5 ft AS-3, G-04162014-1 4/16/2014 SB87793	AS-3J 0 - 0.5 ft AS-3, J-04162014-1 4/16/2014 SB87793	AS-3K 0 - 0.5 ft AS-3, K-04162014-1 4/16/2014 SB87793	As-3P 0 - 0.5 ft AS-3P-06232014-1 6/23/2014 SB91699	AS-3P 0 - 0.5 ft AS-3P-06232014-2 6/23/2014 SB91699	AS-3Q 0 - 0.5 ft AS-3Q-06232014-1 6/23/2014 SB91699
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/kg	3	20	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub

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inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AS-4 Base-1 0 - 0.5 ft AS-4 BASE-1-07182014-1 7/18/2014 SB93077	AS-4 Base-2 0 - 0.5 ft AS-4 BASE-2-07182014-1 7/18/2014 SB93077	AS-4 Base-3 0 - 0.5 ft AS-4 BASE-3-07182014-1 7/18/2014 SB93077	AS-4 Base-4 0 - 0.5 ft AS-4 BASE-4-07182014-1 7/18/2014 SB93077	AS-4 Base-5 0 - 0.5 ft AS-4 BASE-5-07182014-1 7/18/2014 SB93077	AS-4 Base-6 0 - 0.5 ft AS-4 BASE-6-07182014-1 7/18/2014 SB93077	AS-4 Base-7 0 - 0.5 ft AS-4 BASE-7-07182014-1 7/18/2014 SB93077	AS-4 Base-8 0 - 0.5 ft AS-4 BASE-8-07182014-1 7/18/2014 SB93077	AS-4 SW-1 0 - 0.5 ft AS-4 SW-1-07182014-1 7/18/2014 SB93077	AS-4 SW-2 0 - 0.5 ft AS-4 SW-2-07182014-1 7/18/2014 SB93077
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	NS	NS							
Aroclor 1254	ug/kg	NE	NE	NE	NS	NS	NS							
Aroclor 1260	ug/kg	NE	NE	NE	NS	NS	NS							
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	NS	NS							
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS							
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS							
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS							
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS							
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS							
Chlordane	ug/kg	66	66	490	NS	NS	NS							
Dieldrin	ug/kg	7	7	38	NS	NS	NS							
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS							
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS							
Heptachlor	ug/kg	13	13	140	NS	NS	NS							
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS							
Total DDX	ug/kg	3	20	1800	NS	NS	NS							
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS							
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS							
Chlordane	ug/l	NE	NE	NE	NS	NS	NS							
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS							
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS							
Total DDX	ug/l	NE	NE	NE	NS	NS	NS							
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS							

Notes:

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Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AS-4A 0 - 0.5 ft AS-4, A-04162014-1 4/16/2014 SB87793	AS-4B 0 - 0.5 ft AS-4, B-04162014-1 4/16/2014 SB87793	AS-4C 0 - 0.5 ft AS-4, C-04162014-1 4/16/2014 SB87793	AS-4D 0 - 0.5 ft AS-4, D-04162014-1 4/16/2014 SB87793	AS-4E 0 - 0.5 ft AS-4, E-04162014-1 4/16/2014 SB87793	AS-4F 0 - 0.5 ft AS-4, F-04162014-1 4/16/2014 SB87793	AS-4G 0 - 0.5 ft AS-4, G-04162014-1 4/16/2014 SB87793	AS-4G 0 - 0.5 ft AS-4, G-04162014-2 4/16/2014 SB87793	AS-4I 0 - 0.5 ft AS-4, I-04162014-1 4/16/2014 SB87793	AS-4J 0 - 0.5 ft AS-4, J-04162014-1 4/16/2014 SB87793
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS									
Aroclor 1254	ug/kg	NE	NE	NE	NS									
Aroclor 1260	ug/kg	NE	NE	NE	NS									
Total PCB Aroclors	ug/kg	NE	NE	1000	NS									
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS									
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS									
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS									
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS									
alpha-Chlordane	ug/kg	NE	NE	NE	NS									
Chlordane	ug/kg	66	66	490	NS									
Dieldrin	ug/kg	7	7	38	NS									
Endosulfan sulfate	ug/kg	NE	NE	NE	NS									
gamma-Chlordane	ug/kg	NE	NE	NE	NS									
Heptachlor	ug/kg	13	13	140	NS									
Heptachlor epoxide	ug/kg	20	20	67	NS									
Total DDX	ug/kg	3	20	1800	NS									
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS									
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS									
Chlordane	ug/l	NE	NE	NE	NS									
Endosulfan sulfate	ug/l	NE	NE	NE	NS									
Heptachlor epoxide	ug/l	NE	NE	NE	NS									
Total DDX	ug/l	NE	NE	NE	NS									
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS									

Notes:

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

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Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AS-4K 0 - 0.5 ft AS-4, K-04162014-1 4/16/2014 SB87793	AS-4M 0 - 0.5 ft AS-4, M-04162014-1 4/16/2014 SB87793	AS-4N 0 - 0.5 ft AS-4, N-04162014-1 4/16/2014 SB87793	AS-5 Base 1 0 - 0.5 ft AS-5 BASE 1-07282014-1 7/28/2014 SB93521	AS-5 Base 2 0 - 0.5 ft AS-5 BASE 2-07282014-1 7/28/2014 SB93521	AS-5 Base 3 0 - 0.5 ft AS-5 BASE 3-07282014-1 7/28/2014 SB93521	AS-5 Base 4 0 - 0.5 ft AS-5 BASE 4-07282014-1 7/28/2014 SB93521	AS-5 Base 5 0 - 0.5 ft AS-5 BASE 5-07282014-1 7/28/2014 SB93521	AS-5 SW-1 0 - 0.5 ft AS-5 SW-1-07282014-1 7/28/2014 SB93521	AS-51A 0 - 0.5 ft AS-5, A-04152014-1 4/15/2014 SB87659
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/kg	3	20	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is appi inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AS-51B 0 - 0.5 ft AS-5, B-04152014-1 4/15/2014 SB87659	AS-5C 0 - 0.5 ft AS-5, C-04152014-1 4/15/2014 SB87659	AS-5D 0 - 0.5 ft AS-5, D-04152014-1 4/15/2014 SB87659	AS-5D 0 - 0.5 ft AS-5, D-04152014-2 4/15/2014 SB87659	AS-5E 0 - 0.5 ft AS-5, E-04152014-1 4/15/2014 SB87659	AS-5F 0 - 0.5 ft AS-5, F-04152014-1 4/15/2014 SB87659	AS-5G 0 - 0.5 ft AS-5, G-04152014-1 4/15/2014 SB87659	AS-5I 0 - 0.5 ft AS-5, I-04152014-1 4/15/2014 SB87659	AS-5O 0 - 0.5 ft AS-5O-06232014-1 6/23/2014 SB91699	AS-6 Base 1 0 - 0.5 ft AS-6 BASE 1-07282014-1 7/28/2014 SB93521
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/kg	3	20	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub Criteria Requests (September 2018)

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is appi inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AS-6 Base 2 0 - 0.5 ft AS-6 BASE 2-07282014-1 7/28/2014 SB93521	AS-6 Base 3 0 - 0.5 ft AS-6 BASE 3-07282014-1 7/28/2014 SB93521	AS-6 SW 1 0 - 0.5 ft AS-6 SW 1-07282014-1 7/28/2014 SB93521	AS-6 SW 1 0 - 0.5 ft AS-6 SW 1-07282014-2 7/28/2014 SB93521	AS-6 SW 3 0 - 0.5 ft AS-6 SW 3-07282014-1 7/28/2014 SB93521	AS-6C 0 - 0.5 ft AS-6, C-04142014-1 4/14/2014 SB87659	AS-6D 0 - 0.5 ft AS-6, D-04142014-1 4/14/2014 SB87659	AS-6G 0 - 0.5 ft AS-6, G-04152014-1 4/15/2014 SB87659	AS-6H 0 - 0.5 ft AS-6, H-04142014-1 4/14/2014 SB87659	AS-6J 0 - 0.5 ft AS-6, J-04152014-1 4/15/2014 SB87659
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/kg	3	20	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub

Criteria Requests (September 2018)

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ug/l = micrograms per liter

mg/kg = milligrams per kilogram

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UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is appi

inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	AS-6SW-4 0 - 0.5 ft AS-6SW-4-08012014-1 8/1/2014 SB93820	Bap-1 BASE 0 - 0.5 ft BAP-1 BASE-1- 07112014- 7/11/2014 SB92711	Bap-1 BASE 0 - 0.5 ft BAP-1 BASE-2- 07112014- 7/11/2014 SB92711	BAP-1A 0 - 0.5 ft BAP-1, A-04162014-1 4/16/2014 SB87793	BAP-1B 0 - 0.5 ft BAP-1, B-04162014-1 4/16/2014 SB87793	BAP-1C 0 - 0.5 ft BAP-1, C-04162014-1 4/16/2014 SB87793	BAP-1C 0 - 0.5 ft BAP-1, C-04162014-2 4/16/2014 SB87793	BaP-1G 0 - 0.5 ft BAP-1, G-06232014-1 6/23/2014 SB91699	BAP-2 Base1 0 - 0.5 ft BAP-2 BASE1-07182014-1 7/18/2014 SB93078	BAP-2 Base1 0 - 0.5 ft BAP-2 BASE1-07182014-2 7/18/2014 SB93078
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/kg	3	20	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Bold = Detected above reporting limit

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Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub

Criteria Requests (September 2018)

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ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

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UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is appri

inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	BAP-2 SW-1 0 - 0.5 ft BAP-2 SW-1-07182014-1 7/18/2014 SB93078	BAP-2 SW-2 0 - 0.5 ft BAP-2 SW-2-07182014-1 7/18/2014 SB93078	BAP-2 SW-3 0 - 0.5 ft BAP-2 SW-3-07182014-1 7/18/2014 SB93078	Bap-2 SW6 0 - 0.5 ft BAP-2 SW6 08052014-1 8/5/2014 SB93967	BAP-2A 0 - 0.5 ft BAP-2, A-04162014-1 4/16/2014 SB87793	BAP-2B 0 - 0.5 ft BAP-2, B-04162014-1 4/16/2014 SB87793	BAP-2C 0 - 0.5 ft BAP-2, C-04162014-1 4/16/2014 SB87793	BAP-2F 0 - 0.5 ft BAP-2, F-04162014-1 4/16/2014 SB87793	BaP-2G 0 - 0.5 ft BAP-2G-06232014-1 6/23/2014 SB91699	BaP-2H 0 - 0.5 ft BAP-2H-06232014-1 6/23/2014 SB91699
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/kg	3	20	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Yellow highlighted cells exceed the 2013 GA PMC

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub Criteria Requests (September 2018)

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NS = Not sampled for this constituent

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J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is apparently inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	BaP-2J 0 - 0.5 ft BAP-2J-06232014-1 6/23/2014 SB91699	BaP-2K 0 - 0.5 ft BAP-2K-06232014-1 6/23/2014 SB91699	BAP-3 Base1 0 - 0.5 ft BAP-3 BASE1-07182014-1 7/18/2014 SB93078	BAP-3 SW-1 0 - 0.5 ft BAP-3 SW-1-07182014-1 7/18/2014 SB93078	BAP-3 SW-2 0 - 0.5 ft BAP-3 SW-2-07182014-1 7/18/2014 SB93078	BAP-3 SW-3 0 - 0.5 ft BAP-3 SW-3-07182014-1 7/18/2014 SB93078	BAP-3 SW-4 0 - 0.5 ft BAP-3 SW-4-07182014-1 7/18/2014 SB93078	BAP-3A 0 - 0.5 ft BAP-3, A-04162014-1 4/16/2014 SB87793	BAP-3B 0 - 0.5 ft BAP-3, B-04162014-1 4/16/2014 SB87793	BAP-3C 0 - 0.5 ft BAP-3, C-04162014-1 4/16/2014 SB87793
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/kg	3	20	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	BAP-3E 0 - 0.5 ft BAP-3, E-04162014-1 4/16/2014 SB87793	BAP-3F 0 - 0.5 ft BAP-3, F-04162014-1 4/16/2014 SB87793	BaP-3G 0 - 0.5 ft BAP-3G-06232014-1 6/23/2014 SB91699	BaP-3H 0 - 0.5 ft BAP-3H-06232014-1 6/23/2014 SB91699	BaP-3I 0 - 0.5 ft BAP-3I-06232014-1 6/23/2014 SB91699	BaP-3I 0 - 0.5 ft BAP-3I-06232014-2 6/23/2014 SB91699	BAP-4 Base-1 0 - 0.5 ft BAP-4 BASE-1-07182014-1 7/18/2014 SB93078	BAP-4 Base-1 0 - 0.5 ft BAP-4 BASE-1-07182014-2 7/18/2014 SB93078	BAP-4 SW-1 0 - 0.5 ft BAP-4 SW-1-07182014-1 7/18/2014 SB93078	BAP-4 SW-2 0 - 0.5 ft BAP-4 SW-2-07182014-1 7/18/2014 SB93078
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/kg	3	20	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub Criteria Requests (September 2018)

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is apparently inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	BAP-4 SW-3 0 - 0.5 ft BAP-4 SW-3-07182014-1 7/18/2014 SB93078	BAP-4 SW-4 0 - 0.5 ft BAP-4 SW-4-07182014-1 7/18/2014 SB93078	BAP-4A 0 - 0.5 ft BAP-4, A-04162014-1 4/16/2014 SB87793	BAP-4B 0 - 0.5 ft BAP-4, B-04162014-1 4/16/2014 SB87793	BAP-4C 0 - 0.5 ft BAP-4, C-04162014-1 4/16/2014 SB87793	BAP-4D 0 - 0.5 ft BAP-4, D-04162014-1 4/16/2014 SB87793	BaP-4F 0 - 0.5 ft BAP-4F-06232014-1 6/23/2014 SB91699	BaP-4G 0 - 0.5 ft BAP-4G-06232014-1 6/23/2014 SB91699	C10-SB426 4 - 5 ft C10-SB421(4.0-5.0)070312-1 7/3/2012 SB52216	C10-SB426 4 - 5 ft C10-SB421(4.0-5.0)070312-1 7/3/2012 SB52216
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/kg	3	20	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

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Green highlighted cells exceed the 2013 GB PMC

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RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub Criteria Requests (September 2018)

NE = Criteria has not been established

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Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	C10-SB426 7 - 8 ft C10-SB421(7.0-8.0)070312- 7/3/2012 SB52216	C11-SB711 0 - 1 ft C11-SB711 (0-0.5)-1 12/28/2018 18L1306	C11-SB711 0 - 1 ft C11-SB711 (0-0.5)-2 12/28/2018 18L1306	C11-SB713 0 - 1 ft C11-SB713 (0-0.5)-1 12/28/2018 18L1306	C11-SS01 0 - 0.25 ft C11SS-1 0-3 8/15/2011 SB33547	C11-SS01 0 - 0.5 ft C11-SS1-080511 8/5/2011 SB32945	C11-SS01A 0 - 1 ft C11-SS01A(0-1)_062513-1 6/25/2013 SB72106	C12-SB712 0 - 1 ft C12-SB712 (0-0.5)-1 12/28/2018 18L1306	C12-SB714 0 - 1 ft C12-SB714 (0-0.5)-1 12/28/2018 18L1306	C12-SS252 0 - 0.25 ft C12SS-252 0-3 8/15/2011 SB33547
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	< 21.3 U	NS	NS	NS	< 23.0 U
Aroclor 1254	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	< 21.3 U	NS	NS	NS	< 23.0 U
Aroclor 1260	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	< 21.3 U	NS	NS	NS	< 23.0 U
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	< 21.3 U	NS	NS	NS	< 23.0 U
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	< 7.88 U	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	< 4.92 U	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS	NS	NS	< 7.88 U	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	< 4.92 U	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	NS	NS	NS	NS	NS	< 19.7 U	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	NS	NS	NS	NS	NS	< 4.92 U	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	< 7.88 U	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	< 4.92 U	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	NS	NS	NS	NS	NS	< 4.92 U	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS	NS	NS	< 4.92 U	NS	NS	NS	NS
Total DDX	ug/kg	3	20	1800	NS	NS	NS	NS	NS	< 7.88	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	< 7.23 U	NS	NS	NS	NS

Notes:

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Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub Criteria Requests (September 2018)

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NS = Not sampled for this constituent

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ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

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Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	C13-SS02 0 - 0.5 ft C13-SS2-080511 8/5/2011 SB32945	C13-SS02A 0 - 1 ft C13-SS02A(0-1)_062513-1 6/25/2013 SB72106	C14-SS253 0 - 0.25 ft C14SS-253 0-3 8/15/2011 SB33547	C15-SS03 0 - 0.5 ft C15-SS3-080511 8/5/2011 SB32945	C16-SS254 0 - 0.25 ft C16SS-254 0-3 8/15/2011 SB33547	C18-SS04 0 - 0.5 ft C18-SS4-080511 8/5/2011 SB32945	C19-SS05A 0 - 1 ft C19-SS5A(0-1)_062513-1 6/25/2013 SB72106	C20-SS05B 0 - 1 ft C20-SS5B(0-1)_062513-1 6/25/2013 SB72106	C25-SB321A 0 - 1 ft C25-SB321A(0-1)-062613-1 6/26/2013 SB72189	C35-SB500 0 - 1 ft C35-SB500(0-1)_062513-1 6/25/2013 SB72106
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 23.6 U	NS	< 23.0 U	< 21.3 U	< 23.8 U	< 22.2 U	NS	NS	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	< 23.6 U	NS	< 23.0 U	< 21.3 U	< 23.8 U	< 22.2 U	NS	NS	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	< 23.6 U	NS	51.7	< 21.3 U	< 23.8 U	< 22.2 U	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	< 23.6 U	NS	51.7	< 21.3 U	< 23.8 U	< 22.2 U	NS	NS	NS	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	< 8.37 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	< 5.23 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	< 8.37 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	< 5.23 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	< 20.9 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	< 5.23 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	< 8.37 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	< 5.23 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	< 5.23 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	< 5.23 U	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/kg	3	20	1800	< 8.37	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	< 7.86 U	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

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Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub

Criteria Requests (September 2018)

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NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UU = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is appri

inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	C9-SS251 0 - 0.25 ft C9SS-251 0-3 8/15/2011 SB33547	D10-SB242 0.3 - 4 ft D10-SB242 (.3-4)-1 12/28/2011 SB41720	D10-SB242 6 - 6.5 ft D10-SB242 (6-6.5)-1 12/28/2011 SB41720	D11-SB424 4 - 5 ft D11-SB424(4-5)070312-1 7/3/2012 SB52216	D11-SB424 6 - 7 ft D11-SB424(6-7)070312-1 7/3/2012 SB52216	D15-SS255 0 - 0.25 ft D15SS-255 0-3 8/15/2011 SB33547	D25-SB321 0 - 1 ft D25-SB321(0-1)-041012-1 4/10/2012 SB46977	D25-SB321 0 - 1 ft D25-SB321(0-1)-041012-2 4/10/2012 SB46977	D25-SB321 2.5 - 3 ft D25-SB321(2.5-3)-041012-1 4/10/2012 SB46977	D25-SB321C 0 - 1 ft D25-SB321C(0-1)-062613-1 6/26/2013 SB72189
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 24.6 U	< 20.6 U	< 21.5 U	NS	NS	< 22.4 U	< 24.3 U	< 22.4 U	139	NS
Aroclor 1254	ug/kg	NE	NE	NE	< 24.6 U	< 20.6 U	< 21.5 U	NS	NS	< 22.4 U	< 24.3 U	< 22.4 U	< 21.4 U	NS
Aroclor 1260	ug/kg	NE	NE	NE	< 24.6 U	< 20.6 U	< 21.5 U	NS	NS	< 22.4 U	< 24.3 U	< 22.4 U	< 21.4 U	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	< 24.6 U	< 20.6 U	< 21.5 U	NS	NS	< 22.4 U	< 24.3 U	< 22.4 U	139	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 9.37 U	< 9.15 U	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	641 J	266 J	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS	NS	NS	NS	69.1 J	24.1 J	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 5.86 U	< 5.72 U	NS	NS
Chlordane	ug/kg	66	66	490	NS	NS	NS	NS	NS	NS	< 23.4 U	< 22.9 U	NS	NS
Dieldrin	ug/kg	7	7	38	NS	NS	NS	NS	NS	NS	< 5.86 U	< 5.72 U	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 9.37 U	< 9.15 U	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	< 5.86 U	< 5.72 U	NS	NS
Heptachlor	ug/kg	13	13	140	NS	NS	NS	NS	NS	NS	< 5.86 U	< 5.72 U	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS	NS	NS	NS	< 5.86 U	< 5.72 U	NS	NS
Total DDX	ug/kg	3	20	1800	NS	NS	NS	NS	NS	NS	710.1	290.1	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UU = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is appri

inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	D31-SB633 0 - 1 ft D31-SB633 (0-1)-1 12/28/2018 18L1306	D4-SS06 0 - 0.5 ft D4-SS6-080511 8/5/2011 SB32945	D4-SS06A 0 - 1 ft D4-SS06A(0-1)_062513-1 6/25/2013 SB72106	D4-SS06A 0 - 1 ft D4-SS06A(0-1)_062513-2 6/25/2013 SB72106	D6-SS250 0 - 0.25 ft D6SS-250 0-3 8/15/2011 SB33547	E16-SS08 0 - 0.5 ft E16-SS8-080511 8/5/2011 SB32945	E16-SS08A 0 - 1 ft E16-SS08A(0-1)_062513-1 6/25/2013 SB72106	E18-SS09 0 - 0.5 ft E18-SS9-080511 8/5/2011 SB32945	E18-SS09 0 - 1 ft E18-SS09(0-1)_062513-1 6/25/2013 SB72106	E31-SB624 0 - 1 ft E31-SB624 (0-1) 11/29/2018 18K1266
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	< 26.7 U	NS	NS	< 25.3 U	< 21.7 U	NS	< 23.8 U	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NS	< 26.7 U	NS	NS	< 25.3 U	< 21.7 U	NS	< 23.8 U	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NS	< 26.7 U	NS	NS	< 25.3 U	< 21.7 U	NS	< 23.8 U	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	< 26.7 U	NS	NS	< 25.3 U	< 21.7 U	NS	< 23.8 U	NS	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	< 67	< 10.4 U	NS	NS	NS	< 8.10 U	NS	< 9.30 U	NS	< 6.4
4,4-DDE (p,p)	ug/kg	NE	NE	NE	28	18.2 J	NS	NS	NS	< 5.06 U	NS	< 5.81 U	NS	74
4,4-DDT (p,p)	ug/kg	NE	NE	1800	140	NS R	NS	NS	NS	< 8.10 U	NS	< 9.30 U	NS	86
alpha-Chlordane	ug/kg	NE	NE	NE	NS	< 6.51 U	NS	NS	NS	< 5.06 U	NS	< 5.81 U	NS	NS
Chlordane	ug/kg	66	66	490	< 330	34.1	NS	NS	NS	< 20.2 U	NS	< 23.2 U	NS	4000
Dieldrin	ug/kg	7	7	38	< 67	6.98	NS	NS	NS	< 5.06 U	NS	< 5.81 U	NS	< 6.4
Endosulfan sulfate	ug/kg	NE	NE	NE	29	< 10.4 U	NS	NS	NS	< 8.10 U	NS	< 9.30 U	NS	< 13
gamma-Chlordane	ug/kg	NE	NE	NE	NS	< 6.51 U	NS	NS	NS	< 5.06 U	NS	< 5.81 U	NS	NS
Heptachlor	ug/kg	13	13	140	< 84	< 6.51 U	NS	NS	NS	< 5.06 U	NS	< 5.81 U	NS	13
Heptachlor epoxide	ug/kg	20	20	67	< 84	< 6.51 U	NS	NS	NS	< 5.06 U	NS	< 5.81 U	NS	210
Total DDx	ug/kg	3	20	1800	168	18.2	NS	NS	NS	< 8.10	NS	< 9.30	NS	160
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	0.15	NS	NS	NS	NS	NS	NS	NS	NS	< 0.040
4,4-DDT (p,p)	ug/l	NE	NE	NE	0.99	NS	NS	NS	NS	NS	NS	NS	NS	< 0.040
Chlordane	ug/l	NE	NE	NE	< 2.0	NS	NS	NS	NS	NS	NS	NS	NS	1.7
Endosulfan sulfate	ug/l	NE	NE	NE	0.16	NS	NS	NS	NS	NS	NS	NS	NS	< 0.080
Heptachlor epoxide	ug/l	NE	NE	NE	< 0.50	NS	NS	NS	NS	NS	NS	NS	NS	0.16
Total DDx	ug/l	NE	NE	NE	1.14	NS	NS	NS	NS	NS	NS	NS	NS	< 0.040
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	< 7.19 U	NS	< 7.62 U	NS	NS

Notes:

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Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub Criteria Requests (September 2018)

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

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J = Result is considered estimated

UU = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is apparently inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	E31-SB634 0 - 1 ft E31-SB634 (0-1)-1 12/28/2018 18L1306	E32-SB317 0 - 0.5 ft E32-SB317(0-0.5)-041012- 4/10/2012 SB46977	E32-SB317 1 - 1.5 ft E32-SB317(1-1.5)-041012- 4/10/2012 SB46977	E3-SS07 0 - 0.5 ft E3-SS7-080511 8/5/2011 SB32945	E3-SS07A 0 - 1 ft E3-SS07A(0-1)_062513-1 6/25/2013 SB72106	E9-SB425 4 - 5 ft E9-SB425(4-5)070312-1 7/3/2012 SB52216	E9-SB425 8 - 9 ft E9-SB425(8-9)070312-1 7/3/2012 SB52216	F17-SS256 0 - 0.25 ft F17SS-256 0-3 8/15/2011 SB33547	F18-SB243 0 - 1 ft F18-SB243 (0-1)-1 12/28/2011 SB41720	F1-SS10 0 - 0.5 ft F1-SS10-080511 8/5/2011 SB32945
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	< 247 U	< 22.8 U	< 21.4 U	NS	NS	NS	< 25.1 U	< 26.2 U	< 22.0 U
Aroclor 1254	ug/kg	NE	NE	NE	NS	28.4	< 22.8 U	< 21.4 U	NS	NS	NS	< 25.1 U	< 26.2 U	< 22.0 U
Aroclor 1260	ug/kg	NE	NE	NE	NS	< 24.7 U	< 22.8 U	< 21.4 U	NS	NS	NS	< 25.1 U	< 26.2 U	< 22.0 U
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	28.4	< 22.8 U	< 21.4 U	NS	NS	NS	< 25.1 U	< 26.2 U	< 22.0 U
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	< 5.6	< 9.80 U	NS	< 8.46 U	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	< 6.13 U	NS	5.41	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	26	< 9.80 U	NS	< 8.46 U	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	< 6.13 U	NS	51.3 J	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	< 28	< 24.5 U	NS	194	NS	NS	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	< 5.6	< 6.13 U	NS	< 5.29 U	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	2.8	< 9.80 U	NS	< 8.46 U	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	< 6.13 U	NS	39.1 J	NS	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	< 7.0	< 6.13 U	NS	< 5.29 U	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	< 7.0	< 6.13 U	NS	< 5.29 U	NS	NS	NS	NS	NS	NS
Total DDX	ug/kg	3	20	1800	28.8	< 9.80	NS	5.41	NS	NS	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	< 0.040	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	< 0.040	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	< 0.20	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	< 0.080	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	< 0.050	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	< 0.040	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	< 7.57 U	NS	NS	NS	NS	NS	NS

Notes:

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Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub

Criteria Requests (September 2018)

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

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inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	F31-SB627 0 - 1 ft F31-SB627 (0-1) 11/29/2018 18K1267	F35-SB487 3 - 4 ft F35-SB487 (3-4)-071312-1	F35-SB487 6 - 7 ft F35-SB487 (6-7)-071312-1	F35-SB487A 0 - 1 ft F35-SB487A(0-1)_062513-1	F35-SB487A 0 - 1 ft F35-SB487A(0-1)_062513-1	F35-SB487B 0 - 1 ft F35-SB487B(0-1)_062513-1	F4-S1A 0 - 1 ft F4-S1A(0-1)_062513-1	F4-SS11 0 - 0.5 ft F4-SS11-080511	G18-SS12 0 - 0.5 ft G18-SS12-080511	G19-SS13 0 - 0.5 ft G19-SS13-080511
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	< 19.9 U	< 21.2 U	NS	NS	NS	NS	< 20.9 U	< 21.3 U	< 23.0 U
Aroclor 1254	ug/kg	NE	NE	NE	NS	< 19.9 U	< 21.2 U	NS	NS	NS	NS	< 20.9 U	< 21.3 U	< 23.0 U
Aroclor 1260	ug/kg	NE	NE	NE	NS	< 19.9 U	< 21.2 U	NS	NS	NS	NS	< 20.9 U	< 21.3 U	< 23.0 U
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	< 19.9 U	< 21.2 U	NS	NS	NS	NS	< 20.9 U	< 21.3 U	< 23.0 U
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	< 4.7	NS	NS	NS	NS	NS	NS	< 7.79 U	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	< 4.7	NS	NS	NS	NS	NS	NS	6.09 J	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	< 4.7	NS	NS	NS	NS	NS	NS	NS R	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	10.2 J	NS	NS
Chlordane	ug/kg	66	66	490	< 23	NS	NS	NS	NS	NS	NS	89.6	NS	NS
Dieldrin	ug/kg	7	7	38	< 4.7	NS	NS	NS	NS	NS	NS	< 4.87 U	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	< 9.3	NS	NS	NS	NS	NS	NS	< 7.79 U	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	10.8 J	NS	NS
Heptachlor	ug/kg	13	13	140	< 5.8	NS	NS	NS	NS	NS	NS	< 4.87 U	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	< 5.8	NS	NS	NS	NS	NS	NS	< 4.87 U	NS	NS
Total DDx	ug/kg	3	20	1800	< 4.7	NS	NS	NS	NS	NS	NS	6.09	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	< 6.79 U	NS	< 7.53 U

Notes:

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Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub Criteria Requests (September 2018)

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NS = Not sampled for this constituent

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Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	G24-SB244 3 - 3.5 ft G24-SB244(3.0-3.5)-1 12/28/2011 SB41766	G24-SB244 4 - 4.5 ft G24-SB244(4-4.5)-1 12/28/2011 SB41766	G30-SB248 0.5 - 4 ft G30-SB248(0.5-4)-1 12/29/2011 SB41766	G30-SB248 0.5 - 4 ft G30-SB248(0.5-4)-2 12/29/2011 SB41766	G30-SB248 4 - 4.5 ft G30-SB248(4-4.5)-1 12/29/2011 SB41766	G30-SB248C 0 - 1 ft G30-SB248C(0-1)_062513- 6/25/2013 SB72106	G30-SB625 0 - 1 ft G30-SB625 (0-1) 11/29/2018 18K1266	I26-SB247 0.5 - 2.5 ft I26-SB247(0.5-2.5)-1 12/29/2011 SB41766	I26-SB247 2.5 - 3 ft I26-SB247(2.5-3)-1 12/29/2011 SB41766	J16-SS15 0 - 0.5 ft J16-SS15-080511 8/5/2011 SB32945
CTETPH														
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	500	61.1	NS	39.9	NS	NS	NS	NS	25.7	NS	NS
Motor Oil	mg/kg	NE	NE	NE	< 33.3 U	NS	< 17.4 U	NS	NS	NS	NS	< 16.0 U	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	500	61.1	NS	39.9	NS	NS	NS	NS	25.7	NS	NS
Unidentified	mg/kg	NE	NE	NE	61.1	NS	39.9	NS	NS	NS	NS	25.7	NS	NS
VOCs														
Total VOCs	ug/kg	20	200	24000	NS	NS	NS	NS	NS	NS	NS	< 7.8 U	NS	NS
SVOCs														
Anthracene	ug/kg	40000	400000	1000000	< 413 U	NS	< 433 U	NS	NS	NS	NS	< 396 U	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	1000	< 413 U	NS	< 433 U	NS	NS	NS	NS	< 396 U	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	1000	< 413 U	NS	< 433 U	NS	NS	NS	NS	< 396 U	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	1000	< 413 U	NS	< 433 U	NS	NS	NS	NS	< 396 U	NS	NS
Benzo(g,h,i)perylene	ug/kg	NE	NE	8400	< 413 U	NS	< 433 U	NS	NS	NS	NS	< 396 U	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	8400	< 413 U	NS	< 433 U	NS	NS	NS	NS	< 396 U	NS	NS
Chrysene	ug/kg	NE	NE	84000	< 413 U	NS	< 433 U	NS	NS	NS	NS	< 396 U	NS	NS
Fluoranthene	ug/kg	5600	56000	1000000	671	NS	< 433 U	NS	NS	NS	NS	< 396 U	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	NE	NE	1000	< 413 U	NS	< 433 U	NS	NS	NS	NS	< 396 U	NS	NS
Phenanthrene	ug/kg	4000	40000	1000000	< 413 U	NS	< 433 U	NS	NS	NS	NS	< 396 U	NS	NS
Pyrene	ug/kg	4000	40000	1000000	610	NS	< 433 U	NS	NS	NS	NS	< 396 U	NS	NS
SVOC-SIMS														
2-Methylnaphthalene	ug/kg	NE	NE	270000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	ug/kg	NE	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	ug/kg	8400	84000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	ug/kg	40000	400000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	NE	NE	8400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	8400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	NE	NE	84000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	ug/kg	5600	56000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	ug/kg	4000	40000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals														
Arsenic	mg/kg	NE	NE	10	12.7	3.06	12.2	20.4	11.1	11.6	NS	15.6	11.4	3.28
Barium	mg/kg	NE	NE	4700	144 J	43.0 J	257 J	193 J	422 J	NS	NS	119 J	141 J	NS
Beryllium	mg/kg	NE	NE	2	0.735	< 0.541 U	1.14	1.36	1.86	NS	NS	1.07	0.805	NS
Cadmium	mg/kg	NE	NE	34	< 0.594 U	< 0.541 U	< 0.629 U	< 0.751 U	< 0.647 U	NS	NS	< 0.560 U	< 0.591 U	NS
Chromium	mg/kg	NE	NE	NE	34.1 J	8.94 J	54.2 J	45.8 J	65.9 J	NS	NS	30.3 J	33.8 J	NS
Copper	mg/kg	NE	NE	2500	47.1 J-	< 28.1 UJ	45.3 J-	51.3 J-	< 33.6 UJ	NS	NS	< 29.1 UJ	55.5 J-	NS
Lead	mg/kg	NE	NE	400	94.3	31.1	75.1	89.3	29.2	NS	NS	69.6	70.2	NS
Mercury	mg/kg	NE	NE	20	0.364 J	0.0386 J	0.259 J	0.288 J	0.119 J	NS	NS	0.250 J	0.214 J	NS
Nickel	mg/kg	NE	NE	1400	20.1 J	5.88 J	26.8 J	27.1 J	28.2 J	NS	NS	16.0 J	18.5 J	NS
Vanadium	mg/kg	NE	NE	470	38.3	13.9	54.9	62.1	54.1	NS	NS	37.8	37.4	NS
Zinc	mg/kg	NE	NE	20000	< 113 UJ	< 103 UJ	< 119 UJ	< 143 UJ	< 123 UJ	NS	NS	< 106 UJ	< 112 UJ	NS
Metals-SPLP														
SPLP Metals	ug/l	NE	NE	NE	NS	NS	NS	NS	< 8.0 U	NS	NS	NS	NS	NS
Cyanide														
Cyanide	mg/kg	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	< 1.13 UJ	NS	NS

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	G24-SB244 3 - 3.5 ft G24-SB244(3.0-3.5)-1 12/28/2011 SB41766	G24-SB244 4 - 4.5 ft G24-SB244(4-4.5)-1 12/28/2011 SB41766	G30-SB248 0.5 - 4 ft G30-SB248(0.5-4)-1 12/29/2011 SB41766	G30-SB248 0.5 - 4 ft G30-SB248(0.5-4)-2 12/29/2011 SB41766	G30-SB248 4 - 4.5 ft G30-SB248(4-4.5)-1 12/29/2011 SB41766	G30-SB248C 0 - 1 ft G30-SB248C(0-1)_062513- 6/25/2013 SB72106	G30-SB625 0 - 1 ft G30-SB625 (0-1) 11/29/2018 18K1266	I26-SB247 0.5 - 2.5 ft I26-SB247(0.5-2.5)-1 12/29/2011 SB41766	I26-SB247 2.5 - 3 ft I26-SB247(2.5-3)-1 12/29/2011 SB41766	J16-SS15 0 - 0.5 ft J16-SS15-080511 8/5/2011 SB32945
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 23.4 U	< 21.4 U	< 24.4 U	< 29.0 U	< 28.4 U	NS	NS	< 23.1 U	< 24.8 U	< 19.4 U
Aroclor 1254	ug/kg	NE	NE	NE	< 23.4 U	< 21.4 U	< 24.4 U	< 29.0 U	< 28.4 U	NS	NS	< 23.1 U	< 24.8 U	< 19.4 U
Aroclor 1260	ug/kg	NE	NE	NE	< 23.4 U	< 21.4 U	< 24.4 U	< 29.0 U	< 28.4 U	NS	NS	< 23.1 U	< 24.8 U	< 19.4 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 23.4 U	< 21.4 U	< 24.4 U	< 29.0 U	< 28.4 U	NS	NS	< 23.1 U	< 24.8 U	< 19.4 U
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	< 10.1 U	NS	< 10.4 U	< 11.8 U	NS	NS	< 4.8	< 9.74 U	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	< 6.30 U	NS	< 6.48 U	< 7.36 U	NS	NS	< 4.8	< 6.09 U	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	< 10.1 U	NS	< 10.4 U	< 11.8 U	NS	NS	< 4.8	< 9.74 U	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	< 6.30 U	NS	< 6.48 U	< 7.36 U	NS	NS	NS	38.5 J	NS	NS
Chlordane	ug/kg	66	66	490	< 25.2 U	NS	< 25.9 U	< 29.5 U	NS	NS	36	430	NS	NS
Dieldrin	ug/kg	7	7	38	< 6.30 U	NS	< 6.48 U	< 7.36 U	NS	NS	< 4.8	< 6.09 U	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	< 10.1 U	NS	< 10.4 U	< 11.8 U	NS	NS	< 9.6	< 9.74 U	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	< 6.30 U	NS	< 6.48 U	< 7.36 U	NS	NS	NS	43.6	NS	NS
Heptachlor	ug/kg	13	13	140	< 6.30 U	NS	< 6.48 U	< 7.36 U	NS	NS	< 6.0	< 6.09 U	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	< 6.30 U	NS	< 6.48 U	< 7.36 U	NS	NS	< 6.0	< 6.09 U	NS	NS
Total DDX	ug/kg	3	20	1800	< 6.30	NS	< 6.48	< 7.36	NS	NS	< 4.8	< 9.74	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub

Criteria Requests (September 2018)

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UU = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is appi

inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	J22-SS259 0 - 0.25 ft J22-SS259 (0-3') 8/22/2011 SB33952	K21-SS260 0 - 0.25 ft K21-SS260 (0-3) 8/22/2011 SB33952	K23-SB245 0.3 - 1.5 ft K23-SB245(0.30-1.5)-1 12/28/2011 SB41766	K23-SB245 1.8 - 3 ft K23-SB245(1.8-3)-1 12/28/2011 SB41766	K23-SB245B 0 - 1 ft K23-SB245B(0-1)-062613-1 6/26/2013 SB72189	K2-SS16 0 - 0.5 ft DUPLICATE-7-080511 8/5/2011 SB32945	K2-SS16 0 - 0.5 ft K2-SS16 8/5/2011 SB32945	L14-SB240 1 - 3 ft L14-SB240 (1-3)-1 12/28/2011 SB41720	L14-SB240 3.5 - 4.5 ft L14-SB240 (3.5-4.5)-1 12/28/2011 SB41720	L14-SS17 0 - 0.5 ft L14-SS17-080511 8/5/2011 SB32945
CTETPH														
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	500	NS	NS	31.9	NS	NS	NS	NS	< 14.8 U	NS	150
Motor Oil	mg/kg	NE	NE	NE	NS	NS	< 20.0 U	NS	NS	NS	NS	< 14.8 U	NS	< 15.5 U
Total Petroleum Hydrocarbons	mg/kg	500	2500	500	NS	NS	31.9	NS	NS	NS	NS	< 14.8 U	NS	150
Unidentified	mg/kg	NE	NE	NE	NS	NS	31.9	NS	NS	NS	NS	< 14.8 U	NS	150
VOCs														
Total VOCs	ug/kg	20	200	24000	NS	NS	< 207 U	NS	NS	NS	NS	< 6.1 U	NS	NS
SVOCs														
Anthracene	ug/kg	40000	400000	1000000	NS	NS	< 496 U	NS	NS	NS	NS	< 367 U	NS	< 385 U
Benzo(a)anthracene	ug/kg	1000	1000	1000	NS	NS	< 496 U	NS	NS	NS	NS	< 367 U	NS	< 385 U
Benzo(a)pyrene	ug/kg	1000	1000	1000	NS	NS	< 496 U	NS	NS	NS	NS	< 367 U	NS	< 385 U
Benzo(b)fluoranthene	ug/kg	1000	1000	1000	NS	NS	< 496 U	NS	NS	NS	NS	< 367 U	NS	< 385 U
Benzo(g,h,i)perylene	ug/kg	NE	NE	8400	NS	NS	< 496 U	NS	NS	NS	NS	< 367 U	NS	< 385 UJ
Benzo(k)fluoranthene	ug/kg	1000	1000	8400	NS	NS	< 496 U	NS	NS	NS	NS	< 367 U	NS	< 385 U
Chrysene	ug/kg	NE	NE	84000	NS	NS	< 496 U	NS	NS	NS	NS	< 367 U	NS	< 385 U
Fluoranthene	ug/kg	5600	56000	1000000	NS	NS	< 496 U	NS	NS	NS	NS	< 367 U	NS	< 385 U
Indeno(1,2,3-cd)pyrene	ug/kg	NE	NE	1000	NS	NS	< 496 U	NS	NS	NS	NS	< 367 U	NS	< 385 UJ
Phenanthrene	ug/kg	4000	40000	1000000	NS	NS	< 496 U	NS	NS	NS	NS	< 367 U	NS	< 385 U
Pyrene	ug/kg	4000	40000	1000000	NS	NS	< 496 U	NS	NS	NS	NS	< 367 U	NS	< 385 U
SVOC-SIMS														
2-Methylnaphthalene	ug/kg	NE	NE	270000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	ug/kg	NE	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	ug/kg	8400	84000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	ug/kg	40000	400000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	NE	NE	8400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	8400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	NE	NE	84000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	ug/kg	5600	56000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	ug/kg	4000	40000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals														
Arsenic	mg/kg	NE	NE	10	19.0	4.90	47.1	< 5.43 U	17.0	3.89	3.12	3.58	2.55	6.16
Barium	mg/kg	NE	NE	4700	NS	NS	130 J	365 J	NS	NS	NS	104 J	108 J	NS
Beryllium	mg/kg	NE	NE	2	NS	NS	1.11	1.38	NS	NS	NS	0.682	0.837	NS
Cadmium	mg/kg	NE	NE	34	NS	NS	< 0.721 U	< 0.493 U	NS	NS	NS	0.906 J	0.832 J	< 0.581 U
Chromium	mg/kg	NE	NE	NE	NS	NS	28.8 J	82.8 J	NS	NS	NS	26.4 J	27.3 J	31.3
Copper	mg/kg	NE	NE	2500	NS	NS	< 37.5 UJ	< 25.6 UJ	NS	NS	NS	16.0 J	10.8 J	NS
Lead	mg/kg	NE	NE	400	NS	NS	158	9.63	NS	NS	NS	39.3 J	6.43 J	76.1
Mercury	mg/kg	NE	NE	20	NS	NS	0.230 J	0.0398 J	NS	NS	NS	0.140 J+	< 0.0313 U	0.137
Nickel	mg/kg	NE	NE	1400	NS	NS	17.1 J	32.2 J	NS	NS	NS	12.3 J	11.9 J	NS
Vanadium	mg/kg	NE	NE	470	NS	NS	36.0	70.3	NS	NS	NS	28.5 J+	27.0 J+	NS
Zinc	mg/kg	NE	NE	20000	NS	NS	< 137 UJ	< 93.7 UJ	NS	NS	NS	54.6 J	30.9 J	NS
Metals-SPLP														
SPLP Metals	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide														
Cyanide	mg/kg	NE	NE	1400	NS	NS	< 1.50 UJ	NS	NS	NS	NS	< 1.04 U	NS	NS

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	J22-SS259 0 - 0.25 ft J22-SS259 (0-3') 8/22/2011 SB33952	K21-SS260 0 - 0.25 ft K21-SS260 (0-3) 8/22/2011 SB33952	K23-SB245 0.3 - 1.5 ft K23-SB245(0.30-1.5)-1 12/28/2011 SB41766	K23-SB245 1.8 - 3 ft K23-SB245(1.8-3)-1 12/28/2011 SB41766	K23-SB245B 0 - 1 ft K23-SB245B(0-1)-062613-1 6/26/2013 SB72189	K2-SS16 0 - 0.5 ft DUPLICATE-7-080511 8/5/2011 SB32945	K2-SS16 0 - 0.5 ft K2-SS16 8/5/2011 SB32945	L14-SB240 1 - 3 ft L14-SB240 (1-3)-1 12/28/2011 SB41720	L14-SB240 3.5 - 4.5 ft L14-SB240 (3.5-4.5)-1 12/28/2011 SB41720	L14-SS17 0 - 0.5 ft L14-SS17-080511 8/5/2011 SB32945
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 60.2 U	< 24.2 U	< 30.2 U	257	NS	< 22.3 U	< 20.9 U	< 21.9 U	< 21.5 U	< 22.7 U
Aroclor 1254	ug/kg	NE	NE	NE	< 60.2 U	< 24.2 U	< 30.2 U	< 22.2 U	NS	< 22.3 U	< 20.9 U	< 21.9 U	< 21.5 U	< 22.7 U
Aroclor 1260	ug/kg	NE	NE	NE	< 60.2 U	< 24.2 U	< 30.2 U	< 22.2 U	NS	< 22.3 U	< 20.9 U	< 21.9 U	< 21.5 U	< 22.7 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 60.2 U	< 24.2 U	< 30.2 U	257	NS	< 22.3 U	< 20.9 U	< 21.9 U	< 21.5 U	< 22.7 U
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	< 0.200 U	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	< 11.9 U	NS	NS	NS	NS	NS	NS	< 7.94 U
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	< 7.41 U	NS	NS	NS	NS	NS	NS	< 4.96 U
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	< 11.9 U	NS	NS	NS	NS	NS	NS	< 7.94 U
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	< 7.41 U	NS	NS	NS	NS	NS	NS	< 4.96 U
Chlordane	ug/kg	66	66	490	NS	NS	< 29.6 U	NS	NS	NS	NS	NS	NS	26.1
Dieldrin	ug/kg	7	7	38	NS	NS	< 7.41 U	NS	NS	NS	NS	NS	NS	< 4.96 U
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	< 11.9 U	NS	NS	NS	NS	NS	NS	< 7.94 U
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	< 7.41 U	NS	NS	NS	NS	NS	NS	5.45
Heptachlor	ug/kg	13	13	140	NS	NS	< 7.41 U	NS	NS	NS	NS	NS	NS	< 4.96 U
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	< 7.41 U	NS	NS	NS	NS	NS	NS	< 4.96 U
Total DDX	ug/kg	3	20	1800	NS	NS	< 7.41	NS	NS	NS	NS	NS	NS	< 7.94
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	< 9.73 U	NS	NS	NS	NS	NS	NS	< 7.78 U

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub Criteria Requests (September 2018)

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UU = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is appropriate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	L14-SS17A 0 - 1 ft L14-SS17A(0-1)_062513-1 6/25/2013 SB72106	L21-SS18 0 - 0.5 ft L21-SS18-080511 8/5/2011 SB32945	L22-SS263 0 - 0.25 ft L22-SS263 (0-3) 8/22/2011 SB33952	L23-SB245C 0 - 1 ft L23-SB245C(0-1)_062513-1 6/25/2013 SB72106	M10-SS21A 0 - 1 ft M10-SS21A(0-1)_062513-1 6/25/2013 SB72106	M22-SB246 1 - 2.5 ft M22-SB246(1-2.5)-1 12/28/2011 SB41766	M22-SB246 2.5 - 3 ft M22-SB246(2.5-3)-1 12/28/2011 SB41766	M3-SB241 0.5 - 2 ft M3-SB241 (.50-2)-1 12/28/2011 SB41720	M3-SB241 3.5 - 4 ft M3-SB241 (3.5-4)-1 12/28/2011 SB41720	M3-SS19 0 - 0.5 ft M3-SS19-080511 8/5/2011 SB32945
CTETPH														
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	500	NS	NS	NS	NS	NS	< 18.2 U	NS	< 16.0 U	NS	NS
Motor Oil	mg/kg	NE	NE	NE	NS	NS	NS	NS	NS	< 18.2 U	NS	< 16.0 U	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	500	NS	NS	NS	NS	NS	< 18.2 U	NS	< 16.0 U	NS	NS
Unidentified	mg/kg	NE	NE	NE	NS	NS	NS	NS	NS	< 18.2 U	NS	< 16.0 U	NS	NS
VOCs														
Total VOCs	ug/kg	20	200	24000	NS	NS	NS	NS	NS	NS	NS	< 7.3 U	NS	NS
SVOCs														
Anthracene	ug/kg	40000	400000	1000000	NS	NS	NS	NS	NS	< 451 U	NS	< 398 U	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	1000	NS	NS	NS	NS	NS	< 451 U	NS	< 398 U	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	1000	NS	NS	NS	NS	NS	< 451 U	NS	< 398 U	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	1000	NS	NS	NS	NS	NS	< 451 U	NS	< 398 U	NS	NS
Benzo(g,h,i)perylene	ug/kg	NE	NE	8400	NS	NS	NS	NS	NS	< 451 U	NS	< 398 U	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	8400	NS	NS	NS	NS	NS	< 451 U	NS	< 398 U	NS	NS
Chrysene	ug/kg	NE	NE	84000	NS	NS	NS	NS	NS	< 451 U	NS	< 398 U	NS	NS
Fluoranthene	ug/kg	5600	56000	1000000	NS	NS	NS	NS	NS	< 451 U	NS	< 398 U	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	< 451 U	NS	< 398 U	NS	NS
Phenanthrene	ug/kg	4000	40000	1000000	NS	NS	NS	NS	NS	< 451 U	NS	< 398 U	NS	NS
Pyrene	ug/kg	4000	40000	1000000	NS	NS	NS	NS	NS	< 451 U	NS	< 398 U	NS	NS
SVOC-SIMs														
2-Methylnaphthalene	ug/kg	NE	NE	270000	< 73	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	ug/kg	NE	NE	1000000	< 73	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	ug/kg	8400	84000	1000000	< 73	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	ug/kg	40000	400000	1000000	< 73	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	1000	< 73	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	1000	< 73	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	1000	< 73	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	NE	NE	8400	< 73	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	8400	< 73	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	NE	NE	84000	78	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	ug/kg	NE	NE	1000	< 73	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	1000000	130	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	ug/kg	5600	56000	1000000	< 73	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	NE	NE	1000	< 73	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	1000000	< 73	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	ug/kg	4000	40000	1000000	< 73	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	1000000	97	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals														
Arsenic	mg/kg	NE	NE	10	NS	6.01	3.76	2.95	8.39	14.6	7.98	4.44	2.13	4.90
Barium	mg/kg	NE	NE	4700	NS	NS	NS	NS	NS	106 J	110 J	85.8 J	27.3 J	NS
Beryllium	mg/kg	NE	NE	2	NS	NS	NS	NS	NS	0.842	1.04	0.683	< 0.455 U	NS
Cadmium	mg/kg	NE	NE	34	NS	NS	NS	NS	NS	< 0.631 U	< 0.639 U	1.08 J	< 0.455 UJ	NS
Chromium	mg/kg	NE	NE	NE	NS	NS	NS	NS	NS	23.1 J	31.2 J	32.3 J	5.81 J	NS
Copper	mg/kg	NE	NE	2500	NS	NS	NS	NS	NS	< 32.8 UJ	< 33.2 UJ	17.3 J	9.12 J	NS
Lead	mg/kg	NE	NE	400	NS	NS	NS	NS	NS	91.4	15.7	75.4 J	2.86 J	NS
Mercury	mg/kg	NE	NE	20	NS	NS	NS	NS	NS	0.250 J	0.0571 J	0.0644 J+	0.103 J+	NS
Nickel	mg/kg	NE	NE	1400	NS	NS	NS	NS	NS	13.2 J	13.9 J	15.3 J	17.1 J	NS
Vanadium	mg/kg	NE	NE	470	NS	NS	NS	NS	NS	34.6	42.0	33.0 J+	8.22 J+	NS
Zinc	mg/kg	NE	NE	20000	NS	NS	NS	NS	NS	< 120 UJ	< 121 UJ	77.6 J	13.2 J	NS
Metals-SPLP														
SPLP Metals	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide														
Cyanide	mg/kg	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS	< 1.20 U	NS	NS

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	L14-SS17A 0 - 1 ft L14-SS17A(0-1)_062513-1 6/25/2013 SB72106	L21-SS18 0 - 0.5 ft L21-SS18-080511 8/5/2011 SB32945	L22-SS263 0 - 0.25 ft L22-SS263 (0-3) 8/22/2011 SB33952	L23-SB245C 0 - 1 ft L23-SB245C(0-1)_062513-1 6/25/2013 SB72106	M10-SS21A 0 - 1 ft M10-SS21A(0-1)_062513-1 6/25/2013 SB72106	M22-SB246 1 - 2.5 ft M22-SB246(1-2.5)-1 12/28/2011 SB41766	M22-SB246 2.5 - 3 ft M22-SB246(2.5-3)-1 12/28/2011 SB41766	M3-SB241 0.5 - 2 ft M3-SB241 (.50-2)-1 12/28/2011 SB41720	M3-SB241 3.5 - 4 ft M3-SB241 (3.5-4)-1 12/28/2011 SB41720	M3-SS19 0 - 0.5 ft M3-SS19-080511 8/5/2011 SB32945
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	< 24.1 U	< 28.3 U	NS	NS	< 27.2 U	< 23.5 U	< 24.0 U	< 19.6 U	< 24.9 U
Aroclor 1254	ug/kg	NE	NE	NE	NS	< 24.1 U	< 28.3 U	NS	NS	< 27.2 U	< 23.5 U	< 24.0 U	< 19.6 U	< 24.9 U
Aroclor 1260	ug/kg	NE	NE	NE	NS	< 24.1 U	< 28.3 U	NS	NS	< 27.2 U	< 23.5 U	< 24.0 U	< 19.6 U	< 24.9 U
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	< 24.1 U	< 28.3 U	NS	NS	< 27.2 U	< 23.5 U	< 24.0 U	< 19.6 U	< 24.9 U
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	< 11.1 U	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	< 6.93 U	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS	NS	NS	< 11.1 U	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	< 6.93 U	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	NS	NS	NS	NS	NS	< 27.7 U	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	NS	NS	NS	NS	NS	< 6.93 U	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	< 11.1 U	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	< 6.93 U	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	NS	NS	NS	NS	NS	< 6.93 U	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS	NS	NS	< 6.93 U	NS	NS	NS	NS
Total DDX	ug/kg	3	20	1800	NS	NS	NS	NS	NS	< 6.93	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 8.61 U

Notes:

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Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub Criteria Requests (September 2018)

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

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J = Result is considered estimated

UU = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is apparently inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	M9-SS257B 0 - 1 ft M9-SS257B(0-1)_062513-1 6/25/2013 SB72106	N11-SS258 0 - 0.25 ft N11SS-258 0-3 8/15/2011 SB33547	N21-SS22 0 - 0.5 ft N21-SS22-080511 8/5/2011 SB32945	N4-SS20 0 - 0.5 ft N4-SS20-080511 8/5/2011 SB32945	N4-SS20A 0 - 1 ft N4-SS20A(0-1)_062513-1 6/25/2013 SB72106	N8-SS257A 0 - 1 ft N8-SS257A(0-1)_062513-1 6/25/2013 SB72106	P 1A 0 - 0.5 ft P 1A-04152014-1 4/15/2014 SB87659	P-1 Base-1 0 - 0.5 ft P-1 BASE-1 07242014-1 7/24/2014 SB93361	P-1N 0 - 0.5 ft P-1N-06232014-1 6/23/2014 SB91699	P-1SW-1 0 - 0.5 ft P-1SW-1 07242014-1 7/24/2014 SB93361
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	< 24.5 U	< 22.2 U	< 25.4 U	NS	NS	NS	NS	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NS	< 24.5 U	< 22.2 U	< 25.4 U	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NS	< 24.5 U	< 22.2 U	< 25.4 U	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	< 24.5 U	< 22.2 U	< 25.4 U	NS	NS	NS	NS	NS	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	< 7.36 U	NS	NS	< 9.51	88.2	< 9.11	12.8
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	< 4.60 U	NS	NS	< 5.94	26.6	< 5.69	6.16
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS	< 7.36 U	NS	NS	< 9.51	28.1	< 9.11	< 9.32
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	< 4.60 U	NS	NS	< 9.51	478	< 5.69	40.1
Chlordane	ug/kg	66	66	490	NS	NS	NS	< 18.4 U	NS	NS	1680	2080	< 22.8	163
Dieldrin	ug/kg	7	7	38	NS	NS	NS	< 4.60 U	NS	NS	< 5.94	< 5.95	< 5.69	< 5.82
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS	< 7.36 U	NS	NS	< 9.51	< 9.52	< 9.11	< 9.32
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	< 4.60 U	NS	NS	< 9.51	371	< 5.69	31.6
Heptachlor	ug/kg	13	13	140	NS	NS	NS	< 4.60 U	NS	NS	< 5.94	< 5.95	< 5.69	< 5.82
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS	< 4.60 U	NS	NS	< 5.94	< 5.95	< 5.69	< 5.82
Total DDX	ug/kg	3	20	1800	NS	NS	NS	< 7.36	NS	NS	< 9.51	142.9	< 9.11	18.96
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	< 7.14 U	NS	NS	NS	NS	NS	NS	NS

Notes:

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Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub

Criteria Requests (September 2018)

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UU = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is appi

inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	P-1SW-1 0 - 0.5 ft P-1SW-1 07242014-2 7/24/2014 SB93361	P20-SS24 0 - 0.5 ft P20-SS24-080511 8/5/2011 SB32945	R19-SB249 1 - 2 ft R19-SB249(1-2)-1 12/29/2011 SB41766	R20-SB423 0 - 1 ft R20-SB423(0-1)-070312-1 7/3/2012 SB52216	R20-SB423 3 - 4 ft R20-SB423(3-4)-070312-1 7/3/2012 SB52216	R20-SB423 7 - 8 ft R20-SB423(7-8)-070312-1 7/3/2012 SB52216	RA05-B1 1 - 1 ft RA05-B1(1)-1 7/21/2020 20G0886	RA05-B1 1 - 1 ft RA05-B1(1)-2 7/21/2020 20G0886	RA05-B2 1 - 1 ft RA05-B2(1)-1 7/21/2020 20G0886	RA05-S1 0.5 - 0.5 ft RA05-S1(0.5)-1 7/21/2020 20G0886
CTETPH														
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	500	NS	NS	21.4	NS	NS	< 27.2 U	30	54	73	29
Motor Oil	mg/kg	NE	NE	NE	NS	NS	< 15.0 U	NS	NS	< 27.2 U	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	500	NS	NS	21.4	NS	NS	< 27.2 U	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NS	NS	21.4	NS	NS	< 27.2 U	NS	NS	NS	NS
VOCs														
Total VOCs	ug/kg	20	200	24000	NS	NS	< 6.9 U	NS	NS	NS	NS	NS	NS	NS
SVOCs														
Anthracene	ug/kg	40000	400000	1000000	NS	NS	< 373 U	NS	NS	< 177 U	< 180	< 190	< 180	< 190
Benzo(a)anthracene	ug/kg	1000	1000	1000	NS	NS	< 373 U	NS	NS	< 177 U	< 180	< 190	< 180	< 190
Benzo(a)pyrene	ug/kg	1000	1000	1000	NS	NS	< 373 U	NS	NS	< 177 U	< 180	< 190	< 180	< 190
Benzo(b)fluoranthene	ug/kg	1000	1000	1000	NS	NS	< 373 U	NS	NS	< 177 U	< 180	< 190	< 180	200
Benzo(g,h,i)perylene	ug/kg	NE	NE	8400	NS	NS	< 373 U	NS	NS	< 177 U	< 180	< 190	< 180	< 190
Benzo(k)fluoranthene	ug/kg	1000	1000	8400	NS	NS	< 373 U	NS	NS	< 177 U	< 180	< 190	< 180	< 190
Chrysene	ug/kg	NE	NE	84000	NS	NS	< 373 U	NS	NS	< 177 U	< 180	< 190	< 180	< 190
Fluoranthene	ug/kg	5600	56000	1000000	NS	NS	< 373 U	NS	NS	< 177 U	< 180	< 190	< 180	410
Indeno(1,2,3-cd)pyrene	ug/kg	NE	NE	1000	NS	NS	< 373 U	NS	NS	< 177 U	< 180	< 190	< 180	< 190
Phenanthrene	ug/kg	4000	40000	1000000	NS	NS	< 373 U	NS	NS	< 177 U	< 180	< 190	< 180	260
Pyrene	ug/kg	4000	40000	1000000	NS	NS	< 373 U	NS	NS	< 177 U	< 180	< 190	< 180	570
SVOC-SIMS														
2-Methylnaphthalene	ug/kg	NE	NE	270000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthene	ug/kg	NE	NE	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Acenaphthylene	ug/kg	8400	84000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	ug/kg	40000	400000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	ug/kg	NE	NE	8400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	8400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	ug/kg	NE	NE	84000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenzo(a,h)anthracene	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	ug/kg	5600	56000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	ug/kg	5600	56000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Naphthalene	ug/kg	5600	56000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	ug/kg	4000	40000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	ug/kg	4000	40000	1000000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals														
Arsenic	mg/kg	NE	NE	10	NS	6.19	3.75	NS	< 1.50 U	< 1.56 U	NS	NS	NS	NS
Barium	mg/kg	NE	NE	4700	NS	NS	256 J	NS	181 J+	165 J+	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	2	NS	NS	1.14	NS	0.724	1.01	NS	NS	NS	NS
Cadmium	mg/kg	NE	NE	34	NS	NS	< 0.557 U	NS	< 0.500 UJ	< 0.521 UJ	NS	NS	NS	NS
Chromium	mg/kg	NE	NE	NE	NS	NS	50.0 J	NS	22.2 J-	41.6 J-	NS	NS	NS	NS
Copper	mg/kg	NE	NE	2500	NS	NS	42.5 J-	NS	6.97 J	17.7 J	NS	NS	NS	NS
Lead	mg/kg	NE	NE	400	NS	NS	39.9	NS	3.13 J	5.52 J	NS	NS	NS	NS
Mercury	mg/kg	NE	NE	20	NS	NS	0.160 J	NS	< 0.0306 U	< 0.0301 U	NS	NS	NS	NS
Nickel	mg/kg	NE	NE	1400	NS	NS	17.1 J	NS	18.5 J-	15.1 J-	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	470	NS	NS	43.6	NS	21.5	35.7	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	20000	NS	NS	170 JEB	NS	24.0 J	36.2 J	NS	NS	NS	NS
Metals-SPLP														
SPLP Metals	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Cyanide														
Cyanide	mg/kg	NE	NE	1400	NS	NS	< 1.05 UJ	NS	NS	NS	NS	NS	NS	NS

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	P-1SW-1 0 - 0.5 ft P-1SW-1 07242014-2 7/24/2014 SB93361	P20-SS24 0 - 0.5 ft P20-SS24-080511 8/5/2011 SB32945	R19-SB249 1 - 2 ft R19-SB249(1-2)-1 12/29/2011 SB41766	R20-SB423 0 - 1 ft R20-SB423(0-1)-070312-1 7/3/2012 SB52216	R20-SB423 3 - 4 ft R20-SB423(3-4)-070312-1 7/3/2012 SB52216	R20-SB423 7 - 8 ft R20-SB423(7-8)-070312-1 7/3/2012 SB52216	RA05-B1 1 - 1 ft RA05-B1(1)-1 7/21/2020 20G0886	RA05-B1 1 - 1 ft RA05-B1(1)-2 7/21/2020 20G0886	RA05-B2 1 - 1 ft RA05-B2(1)-1 7/21/2020 20G0886	RA05-S1 0.5 - 0.5 ft RA05-S1(0.5)-1 7/21/2020 20G0886
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	< 22.0 U	< 22.5 U	NS	< 19.6 U	< 20.5 U	NS	NS	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NS	< 22.0 U	170	NS	< 19.6 U	< 20.5 U	NS	NS	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NS	< 22.0 U	30.4	NS	< 19.6 U	< 20.5 U	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	< 22.0 U	200	NS	< 19.6 U	< 20.5 U	NS	NS	NS	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	< 0.204 U	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	10.7	NS	< 9.22 U	< 8.86 U	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	< 5.78	NS	< 5.76 U	< 5.54 U	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	< 9.25	NS	< 9.22 U	< 8.86 U	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	42.3	NS	< 5.76 U	< 5.54 U	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	182	NS	< 23.1 U	< 22.1 U	NS	NS	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	< 5.78	NS	< 5.76 U	< 5.54 U	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	< 9.25	NS	< 9.22 U	< 8.86 U	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	33.6	NS	< 5.76 U	< 5.54 U	NS	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	< 5.78	NS	< 5.76 U	< 5.54 U	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	< 5.78	NS	< 5.76 U	< 5.54 U	NS	NS	NS	NS	NS	NS
Total DDX	ug/kg	3	20	1800	10.7	NS	< 9.22	< 8.86	NS	NS	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	< 7.38 U	NS	NS	NS	NS	NS	NS	NS

Notes:

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Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

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GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub Criteria Requests (September 2018)

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UU = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is apparently inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	RA05-S2 0.5 - 0.5 ft RA05-S2(0.5)-1 7/21/2020 20G0886	RA05-S3 0.5 - 0.5 ft RA05-S3(0.5)-1 7/21/2020 20G0886	RA05-S4 0.5 - 0.5 ft RA05-S4(0.5)-1 7/21/2020 20G0886	RA05-S5 0.5 - 0.5 ft RA05-S5 (0.5)-1 7/21/2020 20G0886	RA06-B1 4 - 4 ft RA06-B1(4)-1 7/22/2020 20G1031	RA06-B1 4 - 4 ft RA06-B1(4)-2 7/22/2020 20G1031	RA06-S1 3 - 3 ft RA06-S1(3)-1 7/22/2020 20G1031	RA06-S2 3 - 3 ft RA06-S2(3)-1 7/22/2020 20G1031	RA06-S3 3 - 3 ft RA06-S3(3)-1 7/22/2020 20G1031	RA06-S4 1 - 1 ft RA06-S4(1)-1 7/22/2020 20G1031
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/kg	66	66	490	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dieldrin	ug/kg	7	7	38	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor	ug/kg	13	13	140	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/kg	3	20	1800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub Criteria Requests (September 2018)

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is appi inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	SS-234 0 - 0.25 ft DUPLICATE-18-081511 8/15/2011 SB33506	SS-234 0 - 0.25 ft SS-234 0-3-081511 8/15/2011 SB33506	SS-235 0 - 0.25 ft SS-235 0-3-081511 8/15/2011 SB33506	SS-235A 0 - 1 ft SS235A(0-1)_062513-1 6/25/2013 SB72106	SS-236 0 - 0.25 ft SS-236 0-3-081511 8/15/2011 SB33506	SS-237 0 - 0.25 ft SS-237 0-3-081511 8/15/2011 SB33506	SS-238 0 - 0.25 ft SS-238 0-3-081511 8/15/2011 SB33506	SS-238A 0 - 0.25 ft SS-238A (0-3) 8/22/2011 SB33952	SS-238A1 0 - 1 ft SS-238A1(0-1)_062513-1 6/25/2013 SB72106	SS-238B 0 - 0.25 ft SS-238B (0-3) 8/22/2011 SB33952
PCBs														
Aroclor 1248	ug/kg	NE	NE	NE	< 25.4 U	< 23.9 U	< 22.6 U	NS	342	67.9	427	< 41.2 U	NS	< 22.1 U
Aroclor 1254	ug/kg	NE	NE	NE	< 25.4 U	< 23.9 U	< 22.6 U	NS	< 24.6 U	< 27.5 U	< 43.7 U	< 41.2 U	NS	< 22.1 U
Aroclor 1260	ug/kg	NE	NE	NE	< 25.4 U	< 23.9 U	< 22.6 U	NS	36.5	< 27.5 U	< 43.7 U	< 41.2 U	NS	< 22.1 U
Total PCB Aroclors	ug/kg	NE	NE	1000	< 25.4 U	< 23.9 U	< 22.6 U	NS	379	67.9	427	< 41.2 U	NS	< 22.1 U
PCBs-SPLP														
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pesticides														
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	< 8.30 U	< 7.34 U	NS	< 6.89 U	< 8.57 U	< 14.4 U	NS	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	5.27	< 4.59 U	NS	< 4.31 U	< 5.36 U	33.3	NS	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	10.4	7.35	NS	< 6.89 U	22.5	< 14.4 U	NS	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	< 5.19 U	< 4.59 U	NS	< 4.31 U	< 5.36 U	< 9.02 U	NS	NS	NS
Chlordane	ug/kg	66	66	490	NS	< 20.7 U	< 18.3 U	NS	< 17.2 U	< 21.4 U	< 36.1 U	NS	NS	NS
Dieldrin	ug/kg	7	7	38	NS	< 5.19 U	< 4.59 U	NS	< 4.31 U	< 5.36 U	< 9.02 U	NS	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	< 8.30 U	< 7.34 U	NS	< 6.89 U	< 8.57 U	< 14.4 U	NS	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	< 5.19 U	< 4.59 U	NS	< 4.31 U	< 5.36 U	< 9.02 U	NS	NS	NS
Heptachlor	ug/kg	13	13	140	NS	< 5.19 U	< 4.59 U	NS	< 4.31 U	< 5.36 U	< 9.02 U	NS	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	NS	< 5.19 U	< 4.59 U	NS	< 4.31 U	< 5.36 U	< 9.02 U	NS	NS	NS
Total DDx	ug/kg	3	20	1800	NS	15.67	7.35	NS	< 6.89	22.5	33.3	NS	NS	NS
Pesticides-SPLP														
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total DDx	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Herbicides														
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub

Criteria Requests (September 2018)

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

mg/kg = milligrams per kilogram

U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UU = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is appri

inaccurate or imprecise.

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	SS-238C 0 - 0.25 ft SS-238C (0-3) 8/22/2011 SB33952	SS-238D 0 - 0.25 ft SS-238D (0-3) 8/22/2011 SB33952	SS-240A 0 - 1 ft SS-240A(0-1)-062613-1 6/26/2013 SB72189	SS-240B 0 - 1 ft SS-240B(0-1)-062613-1 6/26/2013 SB72189	SS-241 0 - 0.25 ft SS-241 0-3-081511 8/15/2011 SB33506	SS-241A 0 - 1 ft SS-241A(0-1)-062613-1 6/26/2013 SB72189	SS-241B 0 - 1 ft SS-241B(0-1)-062613-1 6/26/2013 SB72189
CTETPH											
Aliphatic Hydrocarbons (ETPH) C9-C36	mg/kg	500	2500	500	NS	NS	NS	NS	NS	NS	NS
Motor Oil	mg/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS
Total Petroleum Hydrocarbons	mg/kg	500	2500	500	NS	NS	NS	NS	NS	NS	NS
Unidentified	mg/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS
VOCs											
Total VOCs	ug/kg	20	200	24000	NS	NS	NS	NS	< 6.6 U	NS	NS
SVOCs											
Anthracene	ug/kg	40000	400000	1000000	NS	NS	NS	NS	< 241 U	NS	NS
Benzo(a)anthracene	ug/kg	1000	1000	1000	NS	NS	NS	NS	433	NS	NS
Benzo(a)pyrene	ug/kg	1000	1000	1000	NS	NS	NS	NS	405	NS	NS
Benzo(b)fluoranthene	ug/kg	1000	1000	1000	NS	NS	NS	NS	373	NS	NS
Benzo(g,h,i)perylene	ug/kg	NE	NE	8400	NS	NS	NS	NS	< 241 U	NS	NS
Benzo(k)fluoranthene	ug/kg	1000	1000	8400	NS	NS	NS	NS	420	NS	NS
Chrysene	ug/kg	NE	NE	84000	NS	NS	NS	NS	456	NS	NS
Fluoranthene	ug/kg	5600	56000	1000000	NS	NS	NS	NS	746	NS	NS
Indeno(1,2,3-cd)pyrene	ug/kg	NE	NE	1000	NS	NS	NS	NS	< 241 U	NS	NS
Phenanthrene	ug/kg	4000	40000	1000000	NS	NS	NS	NS	373	NS	NS
Pyrene	ug/kg	4000	40000	1000000	NS	NS	NS	NS	742	NS	NS
SVOC-SIMs											
2-Methylnaphthalene	ug/kg	NE	NE	270000	NS	NS	< 73	< 110	NS	< 75	< 71
Acenaphthene	ug/kg	NE	NE	1000000	NS	NS	< 73	< 110	NS	< 75	< 71
Acenaphthylene	ug/kg	8400	84000	1000000	NS	NS	< 73	< 110	NS	120	110
Anthracene	ug/kg	40000	400000	1000000	NS	NS	< 73	< 110	NS	160	< 71
Benzo(a)anthracene	ug/kg	1000	1000	1000	NS	NS	< 73	200	NS	500	390
Benzo(a)pyrene	ug/kg	1000	1000	1000	NS	NS	< 73	210	NS	590	400
Benzo(b)fluoranthene	ug/kg	1000	1000	1000	NS	NS	85	280	NS	720	480
Benzo(g,h,i)perylene	ug/kg	NE	NE	8400	NS	NS	< 73	140	NS	380	260
Benzo(k)fluoranthene	ug/kg	1000	1000	8400	NS	NS	< 73	< 110	NS	300	190
Chrysene	ug/kg	NE	NE	84000	NS	NS	< 73	250	NS	630	370
Dibenzo(a,h)anthracene	ug/kg	NE	NE	1000	NS	NS	< 73	< 110	NS	84	< 71
Fluoranthene	ug/kg	5600	56000	1000000	NS	NS	110	460	NS	1200	730
Fluorene	ug/kg	5600	56000	1000000	NS	NS	< 73	< 110	NS	< 75	< 71
Indeno(1,2,3-cd)pyrene	ug/kg	NE	NE	1000	NS	NS	< 73	170	NS	460	320
Naphthalene	ug/kg	5600	56000	1000000	NS	NS	< 73	< 110	NS	< 75	< 71
Phenanthrene	ug/kg	4000	40000	1000000	NS	NS	< 73	160	NS	410	240
Pyrene	ug/kg	4000	40000	1000000	NS	NS	92	370	NS	930	600
Metals											
Arsenic	mg/kg	NE	NE	10	18.2	3.86	4.71	18.1	9.83	8.04	3.89
Barium	mg/kg	NE	NE	4700	NS	NS	NS	NS	NS	NS	NS
Beryllium	mg/kg	NE	NE	2	NS	NS	NS	NS	NS	NS	NS
Cadmium	mg/kg	NE	NE	34	NS	NS	NS	NS	< 0.698 U	NS	NS
Chromium	mg/kg	NE	NE	NE	NS	NS	NS	NS	33.3	NS	NS
Copper	mg/kg	NE	NE	2500	NS	NS	NS	NS	NS	NS	NS
Lead	mg/kg	NE	NE	400	NS	NS	NS	NS	106	NS	NS
Mercury	mg/kg	NE	NE	20	NS	NS	NS	NS	0.140	NS	NS
Nickel	mg/kg	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS
Vanadium	mg/kg	NE	NE	470	NS	NS	NS	NS	NS	NS	NS
Zinc	mg/kg	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS
Metals-SPLP											
SPLP Metals	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS
Cyanide											
Cyanide	mg/kg	NE	NE	1400	NS	NS	NS	NS	NS	NS	NS

Table 3-6
AOC 13 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval Sample ID Sample Date SDG	Unit	2013 GA PMC	2013 GB PMC	2013 RES DEC	SS-238C 0 - 0.25 ft SS-238C (0-3) 8/22/2011 SB33952	SS-238D 0 - 0.25 ft SS-238D (0-3) 8/22/2011 SB33952	SS-240A 0 - 1 ft SS-240A(0-1)-062613-1 6/26/2013 SB72189	SS-240B 0 - 1 ft SS-240B(0-1)-062613-1 6/26/2013 SB72189	SS-241 0 - 0.25 ft SS-241 0-3-081511 8/15/2011 SB33506	SS-241A 0 - 1 ft SS-241A(0-1)-062613-1 6/26/2013 SB72189	SS-241B 0 - 1 ft SS-241B(0-1)-062613-1 6/26/2013 SB72189
PCBs											
Aroclor 1248	ug/kg	NE	NE	NE	< 29.3 U	< 23.8 U	NS	NS	< 29.0 U	NS	NS
Aroclor 1254	ug/kg	NE	NE	NE	< 29.3 U	< 23.8 U	NS	NS	< 29.0 U	NS	NS
Aroclor 1260	ug/kg	NE	NE	NE	< 29.3 U	< 23.8 U	NS	NS	< 29.0 U	NS	NS
Total PCB Aroclors	ug/kg	NE	NE	1000	< 29.3 U	< 23.8 U	NS	NS	< 29.0 U	NS	NS
PCBs-SPLP											
Total PCB Aroclors	ug/l	0.5	5	NE	NS	NS	NS	NS	NS	NS	NS
Pesticides											
4,4-DDD (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	< 10.4 U	NS	NS
4,4-DDE (p,p)	ug/kg	NE	NE	NE	NS	NS	NS	NS	17.8	NS	NS
4,4-DDT (p,p)	ug/kg	NE	NE	1800	NS	NS	NS	NS	< 10.4 U	NS	NS
alpha-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	< 6.48 U	NS	NS
Chlordane	ug/kg	66	66	490	NS	NS	NS	NS	< 25.9 U	NS	NS
Dieldrin	ug/kg	7	7	38	NS	NS	NS	NS	< 6.48 U	NS	NS
Endosulfan sulfate	ug/kg	NE	NE	NE	NS	NS	NS	NS	< 10.4 U	NS	NS
gamma-Chlordane	ug/kg	NE	NE	NE	NS	NS	NS	NS	< 6.48 U	NS	NS
Heptachlor	ug/kg	13	13	140	NS	NS	NS	NS	< 6.48 U	NS	NS
Heptachlor epoxide	ug/kg	20	20	67	NS	NS	NS	NS	< 6.48 U	NS	NS
Total DDX	ug/kg	3	20	1800	NS	NS	NS	NS	17.8	NS	NS
Pesticides-SPLP											
4,4-DDE (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS
4,4-DDT (p,p)	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS
Chlordane	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS
Endosulfan sulfate	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS
Heptachlor epoxide	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS
Total DDX	ug/l	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS
Herbicides											
Total Herbicides	ug/kg	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS

Notes:

This is a summary table. Only detected analytes are shown.

<0.010 = Not detected above the laboratory reporting limit

Bold = Detected above reporting limit

Yellow highlighted cells exceed the 2013 GA PMC

Green highlighted cells exceed the 2013 GB PMC

Blue highlighted cells exceed the 2013 RES DEC

RES DEC = Residential Direct Exposure Criteria

GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas

GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas

Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Sub

Criteria Requests (September 2018)

NE = Criteria has not been established

NS = Not sampled for this constituent

ug/kg = micrograms per kilogram

ug/l = micrograms per liter

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U = The analyte was not detected above the detection limit

J+ = Result may be biased high

J- = Result may be biased low

J = Result is considered estimated

UJ = The analyte was not detected at a level greater than or equal to the adjusted DL. However, the reported adjusted DL is appi

inaccurate or imprecise.

Table 3-7
AOC 14 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval (ft bgs) Sample ID Sample Date SDG	2013 GA PMC	2013 GB PMC	2013 RES DEC	GWPC x 10	AH29-SB231 0.4 - 0.6 ft AH29-SB231(0.4-0.6)-1 12/27/2011 SB41683	AH29-SB231 1.2 - 1.5 ft AH29-SB231(1.2-1.5)-1 12/30/2011 SB41831	AI29-SB405 0.5 - 1 ft AI29-SB405(0.5-1)-1 6/28/2012 SB51990	AI29-SB405 4 - 5 ft AI29-SB405(4-5)-1 6/28/2012 SB51990	AJ23-SB207 0 - 0.5 ft AJ23-SB207(0-0.5)-1 10/2/2011 SB36674	AJ23-SB207 2.5 - 3 ft AJ23-SB207(2.5-3)-1 10/2/2011 SB36674	AT29-SB297 3 - 5 ft AT29-SB297(3-5)-1 2/15/2012 SB43969	AV32-SB494 2 - 4 ft AV32-SB494(2-4)-1 7/13/2012 SB52798	AV32-SB494 4 - 6 ft AV32-SB494(4-6)-1 7/13/2012 SB52798	AW31-SB495 2 - 4 ft AW31-SB495(2-4)-1 7/13/2012 SB52798	AW32-SB254 2 - 4 ft AW32-SB254(2-4)-1 12/30/2011 SB41831	AW32-SB254 5 - 6 ft AW32-SB254(5-6)-1 12/30/2011 SB41831	AW32-SB254 6 - 7 ft AW32-SB254(6-7)-1 12/30/2011 SB41831	AX32-SB398 2 - 4 ft AX32-SB398(2-4)-1 6/27/2012 SB51902	AX32-SB398 4 - 6 ft AX32-SB398(4-6)-1 6/27/2012 SB51902	BB34-SB397 2 - 3 ft BB34-SB397(2-3)-1 6/27/2012 SB51902	
ETPH (mg/kg)																					
Aliphatic Hydrocarbons (ETPH) C9-C36	500	2500	500	NE	1260 J	NS	< 27.7 U	< 28.8 U	NS	34.5	< 14.9 U	< 28.6 U	< 31.5 U	< 26.7 U	540 J+	NS	NS	< 31.5 U	< 29.9 U	NS	
ETPH-SPLP (mg/l)																					
ETPH-SPLP	NE	NE	NE	2.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.1 U	NS	NS	NS	NS	NS	
SVOCS (ug/kg)																					
Anthracene	40000	400000	1000000	NE	< 851 U	NS	NS	NS	NS	< 397 U	< 369 U	< 183 U	< 205 U	< 171 UJ	10100 J	NS	NS	< 198 U	< 190 U	NS	
Benzo(a)anthracene	1000	1000	1000	NE	< 851 U	NS	NS	NS	NS	< 397 U	< 369 U	< 183 U	< 205 U	< 171 U	14400 J	NS	NS	< 198 U	< 190 U	NS	
Benzo(a)pyrene	1000	1000	1000	NE	< 851 U	NS	NS	NS	NS	< 397 U	< 369 U	< 183 U	< 205 U	< 171 U	9680 J	NS	NS	< 198 U	< 190 U	NS	
Benzo(b)fluoranthene	1000	1000	1000	NE	< 851 U	NS	NS	NS	NS	< 397 U	< 369 U	< 183 U	< 205 U	< 171 U	8850 J	NS	NS	< 198 U	< 190 U	NS	
Benzo(g,h,i)perylene	1000	1000	8400	NE	< 851 U	NS	NS	NS	NS	< 397 U	< 369 U	< 183 U	< 205 U	< 171 U	3720 J	NS	NS	< 198 U	< 190 U	NS	
Benzo(k)fluoranthene	1000	1000	8400	NE	< 851 U	NS	NS	NS	NS	< 397 U	< 369 U	< 183 U	< 205 U	< 171 U	7920 J	NS	NS	< 198 U	< 190 U	NS	
Chrysene	1000	1000	84000	NE	< 851 U	NS	NS	NS	NS	< 397 U	< 369 U	< 183 U	< 205 U	< 171 UJ	9200 J	NS	NS	< 198 U	< 190 U	NS	
Fluoranthene	5600	56000	1000000	NE	< 851 U	NS	NS	NS	NS	< 397 U	< 369 U	< 183 U	< 205 U	< 171 UJ	26300 J	NS	NS	< 198 U	< 190 U	NS	
Fluorene	5600	56000	1000000	NE	< 851 U	NS	NS	NS	NS	< 397 U	< 369 U	< 183 U	< 205 U	< 171 U	4220 J	NS	NS	< 198 U	< 190 U	NS	
Indeno(1,2,3-cd)pyrene	1000	1000	1000	NE	< 851 U	NS	NS	NS	NS	< 397 U	< 369 U	< 183 U	< 205 U	< 171 U	3960 J	NS	NS	< 198 U	< 190 U	NS	
Naphthalene	5600	56000	1000000	NE	< 851 U	NS	NS	NS	NS	< 397 U	< 369 U	457	< 205 U	< 171 UJ	< 1840 UJ	NS	NS	< 198 U	< 190 U	NS	
Phenanthrene	4000	40000	1000000	NE	< 851 U	NS	NS	NS	NS	< 397 U	< 369 U	< 183 U	< 205 U	< 171 U	33000 J	NS	NS	< 198 U	< 190 U	NS	
Pyrene	4000	40000	1000000	NE	< 851 U	NS	NS	NS	NS	< 397 U	< 369 U	< 183 U	< 205 U	< 171 U	27500 J	NS	NS	< 198 U	< 190 U	NS	
SVOCS-SPLP (ug/l)																					
Acenaphthene	NE	NE	NE	4200	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.28	NS	NS	NS	NS	NS	
Anthracene	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.56	NS	NS	NS	NS	NS	
Benzo(a)anthracene	NE	NE	NE	0.6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0700	NS	NS	NS	NS	NS	
Fluoranthene	NE	NE	NE	2800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.22	NS	NS	NS	NS	NS	
Fluorene	NE	NE	NE	2800	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.07	NS	NS	NS	NS	NS	
Phenanthrene	NE	NE	NE	2000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	7.15	NS	NS	NS	NS	NS	
Pyrene	NE	NE	NE	2000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 1.00 U	NS	NS	NS	NS	NS	
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	15.35	NS	NS	NS	NS	NS	
Metals (mg/kg)																					
Antimony	NE	NE	27	NE	< 4.99 U	< 4.95 UJ	NS	NS	NS	< 5.38 UJ	< 5.29 UJ	NS	NS	NS	< 5.26 UJ	NS	NS	< 4.82 UJ	NS	< 5.30 U	
Arsenic	NE	NE	10	NE	9.16	2.47	NS	NS	NS	3.56	2.36	NS	NS	NS	3.74	NS	NS	2.86	NS	3.13 J+	
Barium	NE	NE	4700	NE	40.5	51.2	NS	NS	NS	78.3	101	NS	NS	NS	107	NS	NS	51.2	NS	160	
Beryllium	NE	NE	2	NE	< 0.499 U	< 0.495 U	NS	NS	NS	0.613	0.75	NS	NS	NS	0.895	NS	NS	< 0.482 U	NS	0.842	
Cadmium	NE	NE	34	NE	0.907	< 0.495 U	NS	NS	NS	< 0.538 U	< 0.529 UJ	NS	NS	NS	< 0.526 U	NS	NS	< 0.482 U	NS	< 0.530 U	
Chromium	NE	NE	NE	NE	9.45	14.4 J	NS	NS	NS	17.6	15.7	NS	NS	NS	18.2	NS	NS	11.3	NS	28.4	
Copper	NE	NE	2500	NE	37.5	10.1	NS	NS	NS	10.6	16.7 J	NS	NS	NS	12.0	NS	NS	7.36	NS	8.93	
Lead	NE	NE	400	NE	9.74	8.28 J	NS	NS	NS	26.8	5.1	NS	NS	NS	142 J+	NS	NS	5.40	NS	11.3	
Mercury	NE	NE	20	NE	< 0.0304 U	< 0.0319 U	NS	NS	NS	0.0566 J+	< 0.0293 UJ	NS	NS	NS	0.129 J+	NS	NS	< 0.0308 U	NS	< 0.0331 U	
Nickel	NE	NE	1400	NE	10.6	7.84	NS	NS	NS	9.40	9.70 J	NS	NS	NS	9.43	NS	NS	6.61	NS	13.1	
Vanadium	NE	NE	470	NE	35.6	17.8	NS	NS	NS	19.6	21.1	NS	NS	NS	25.7	NS	NS	22.2	NS	28.7	
Zinc	NE	NE	20000	NE	43.0	22.6	NS	NS	NS	36.4	21.0 J	NS	NS	NS	89.2	NS	NS	18.3	NS	27.5	
PCBs (mg/kg)																					
Aroclor 1260	NE	NE	NE	NE	< 0.0189 U	< 0.0216 U	NS	NS	< 0.0202 U	NS	< 0.022 U	NS	NS	NS	< 0.0213 U	< 0.0209 U	< 0.0215 U	NS	NS	< 0.0235 U	
Total PCB Aroclors	NE	NE	1	NE	< 0.0189 U	< 0.0216 U	NS	NS	< 0.0202 U	NS	< 0.022 U	NS	NS	NS	< 0.0213 U	< 0.0209 U	< 0.0215 U	NS	NS	< 0.0235 U	

Notes:
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Bold = Detected above reporting limit
Yellow highlighted cells exceed the GA PMC
Green highlighted cells exceed the GB PMC
Blue highlighted cells exceed the R DEC
R DEC = Residential Direct Exposure Criteria
GA PMC = Pollutant Mobility Criteria for GA classified groundwater areas
GB PMC = Pollutant Mobility Criteria for GB classified groundwater areas
GWPC = Groundwater Protection Criteria
Italicized criteria indicate that criteria value is from CTDEEP Recommended Criteria Values for Common Additional Polluting Substances and Alternative Criteria Requests (September 2018)
NE = Criteria has not been established
NS = Not sampled for this constituent
ug/kg = micrograms per kilogram
ug/l = micrograms per liter
mg/kg = milligrams per kilogram
U = The analyte was not detected above the detection limit
J+ = Result may be biased high
J- = Result may be biased low
J = Result is considered estimated
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Table 3-7
AOC 14 Soil Analytical Data
Phase II Remedial Action Plan

Location ID Depth Interval (ft bgs) Sample ID Sample Date SDG	2013 GA PMC	2013 GB PMC	2013 RES DEC	GWPC x 10	C10-SB426 4 - 5 ft C10-SB421(4.0-5.0)-1 7/3/2012 SB52216	C10-SB426 7 - 8 ft C10-SB421(7.0-8.0)-1 7/3/2012 SB52216	D10-SB242 0.3 - 4 ft D10-SB242 (.3-4)-1 12/28/2011 SB41720	D10-SB242 6 - 6.5 ft D10-SB242 (6-6.5)-1 12/28/2011 SB41720	D10-SB611 6 - 6.5 ft D10-SB611 (6-6.5)-1 4/13/2018 18D0644	D11-SB424 4 - 5 ft D11-SB424(4-5)-1 7/3/2012 SB52216	D11-SB424 6 - 7 ft D11-SB424(6-7)-1 7/3/2012 SB52216	E9-SB425 4 - 5 ft E9-SB425(4-5)-1 7/3/2012 SB52216	E9-SB425 8 - 9 ft E9-SB425(8-9)-1 7/3/2012 SB52216
ETPH (mg/kg)													
Aliphatic Hydrocarbons (ETPH) C9-C36	500	2500	500	NE	< 27.7 U	< 27.8 U	< 14.4 U	1060	NS	< 28.5 U	< 28.3 U	< 26.1 U	< 28.4 U
ETPH-SPLP (mg/l)													
ETPH-SPLP	NE	NE	NE	2.5	NS	NS	NS	NS	< 0.073	NS	NS	NS	NS
SVOCs (ug/kg)													
Anthracene	40000	400000	1000000	NE	NS	NS	< 357 U	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1000	1000	1000	NE	NS	NS	< 357 U	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	1000	1000	1000	NE	NS	NS	< 357 U	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1000	1000	1000	NE	NS	NS	< 357 U	NS	NS	NS	NS	NS	NS
Benzo(g,h,i)perylene	1000	1000	8400	NE	NS	NS	< 357 U	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1000	1000	8400	NE	NS	NS	< 357 U	NS	NS	NS	NS	NS	NS
Chrysene	1000	1000	84000	NE	NS	NS	< 357 U	NS	NS	NS	NS	NS	NS
Fluoranthene	5600	56000	1000000	NE	NS	NS	< 357 U	NS	NS	NS	NS	NS	NS
Fluorene	5600	56000	1000000	NE	NS	NS	< 357 U	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1000	1000	1000	NE	NS	NS	< 357 U	NS	NS	NS	NS	NS	NS
Naphthalene	5600	56000	1000000	NE	NS	NS	< 357 U	NS	NS	NS	NS	NS	NS
Phenanthrene	4000	40000	1000000	NE	NS	NS	< 357 U	NS	NS	NS	NS	NS	NS
Pyrene	4000	40000	1000000	NE	NS	NS	< 357 U	NS	NS	NS	NS	NS	NS
SVOCs-SPLP (ug/l)													
Acenaphthene	NE	NE	NE	4200	NS	NS	NS	NS	NS	NS	NS	NS	NS
Anthracene	NE	NE	NE	20000	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	NE	NE	NE	0.6	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluoranthene	NE	NE	NE	2800	NS	NS	NS	NS	NS	NS	NS	NS	NS
Fluorene	NE	NE	NE	2800	NS	NS	NS	NS	NS	NS	NS	NS	NS
Phenanthrene	NE	NE	NE	2000	NS	NS	NS	NS	NS	NS	NS	NS	NS
Pyrene	NE	NE	NE	2000	NS	NS	NS	NS	NS	NS	NS	NS	NS
Total PAHs	NE	NE	NE	NE	NS	NS	NS	NS	NS	NS	NS	NS	NS
Metals (mg/kg)													
Antimony	NE	NE	27	NE	NS	NS	< 4.86 UJ	< 4.94 UJ	NS	NS	NS	NS	NS
Arsenic	NE	NE	10	NE	NS	NS	2.20	2.43	NS	NS	NS	NS	NS
Barium	NE	NE	4700	NE	NS	NS	77.7 J	66.2 J	NS	NS	NS	NS	NS
Beryllium	NE	NE	2	NE	NS	NS	0.618	< 0.494 U	NS	NS	NS	NS	NS
Cadmium	NE	NE	34	NE	NS	NS	0.710 J	0.677 J	NS	NS	NS	NS	NS
Chromium	NE	NE	NE	NE	NS	NS	20.4 J	19.9 J	NS	NS	NS	NS	NS
Copper	NE	NE	2500	NE	NS	NS	10.9 J	12.1 J	NS	NS	NS	NS	NS
Lead	NE	NE	400	NE	NS	NS	7.18 J	5.94 J	NS	NS	NS	NS	NS
Mercury	NE	NE	20	NE	NS	NS	< 0.0319 U	< 0.0299 U	NS	NS	NS	NS	NS
Nickel	NE	NE	1400	NE	NS	NS	11.8 J	12.8 J	NS	NS	NS	NS	NS
Vanadium	NE	NE	470	NE	NS	NS	21.7 J+	25.9 J+	NS	NS	NS	NS	NS
Zinc	NE	NE	20000	NE	NS	NS	29.6 J	27.4 J	NS	NS	NS	NS	NS
PCBs (mg/kg)													
Aroclor 1260	NE	NE	NE	NE	NS	NS	< 0.0206 U	< 0.0215 U	NS	NS	NS	NS	NS
Total PCB Aroclors	NE	NE	1	NE	NS	NS	< 0.0206 U	< 0.0215 U	NS	NS	NS	NS	NS

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Additional Polluting Substances and Alternative Criteria Requests (September 2018)

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reported adjusted DL is approximate and may be inaccurate or imprecise.

**Table 4-1
Cost Estimate
Scenario Summary Table
Phase II Remedial Action Plan**

Remedial Alternative	Total Tons Excavated	Earthwork Days	Estimated Schedule	Total Estimated Cost	Description
Scenario 1	144,670	591	10 years	\$106,616,250	Remediation to Self-Implementing Standards
Scenario 2	66,483	284	6 years	\$47,164,950	Remediate to 1 mg/kg in the top two feet and 500 mg/kg elsewhere and install an impermeable barrier, stormwater collection system, and groundwater recovery system.
Scenario 3	39,910	167	4 years	\$25,467,000	Impermeable Barrier & Asphalt Cap: Remediate PCBs to 1 mg/kg in the top 2 feet, excavate elevated concentration PCBs in shallow soil, install an impermeable barrier, stormwater collection system, and groundwater recovery system.

Notes

1. Total Estimated Costs include 30 to 35% contingency
2. Total Estimated Costs include field replacement costs