PHASE III SUBSURFACE INVESTIGATION REPORT

Former Mystic Oral School for the Deaf
Groton, Connecticut

January 2014

Prepared for

STATE OF CONNECTICUT
DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT
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ACRONYMS

AOC	Area of Concern
AST	Aboveground Storage Tank
CGS	Connecticut General Statutes
CSM	Conceptual Site Model
DAS	Department of Administrative Services
DECD	Department of Economic and Community Development
DEEP	Connecticut Department of Energy and Environmental Protection
DQA	Data Quality Assessment
DUE	Data Usability Evaluation
DQOs	Data Quality Objectives
ELUR	Environmental Land Use Restrictions
EMI	Electromagnetic Inductance
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
ETPH	Extractable Total Petroleum Hydrocarbons
FEMA	Federal Emergency Management Agency
GA PMC	GA Pollutant Mobility Criteria
GIS	Geographic Information Systems
GPR	Ground Penetrating Radar
GWPC	Groundwater Protection Criteria
IDEC	Industrial/Commercial Direct Exposure Criteria
IVC	Industrial/Commercial Volatilization Criteria
LEA	Loureiro Engineering Associates, Inc.
MMUDD	Mill Mixed Use Development District
NAPL	Non-Aqueous Phase Liquid
NAVD	North American Vertical Datum
NTUs	Nephalometric Turbidity Units
OBRD	Office of Brownfield Remediation and Development
PAHs	Polynuclear Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethylene
PID	Photoionization Detector
PMC	Pollutant Mobility Criteria
PVC	Polyvinyl Chloride
QA	Quality Assurance
QA/QC	Quality Assurance/Quality Control
QC	Quality Control
RCP	Reasonable Confidence Protocol
RDEC	Residential Direct Exposure Criteria
RPD	Relative Percent Difference
RSRs	Remediation Standard Regulations

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RVC	Residential Volatilization Criteria

ACRONYMS (Cont.)

SCGD	Site Characterization Guidance Document
SEH	Significant Environmental Hazard
SIM	Selected Ion Monitoring
SPLP	Synthetic Precipitation Leaching Procedure
SSD	Sub-Slab Depressurization
SSI	Subsurface Investigation
SS-QAPP	Site-Specific Quality Assurance Project Plan
SVE	Soil Vapor Extraction
SVOCs	Semi-Volatile Organic Compounds
SWPC	Surface Water Protection Criteria
TCA	1,1,1-Trichloroethane
USGS	United States Geological Survey
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds
4,4-DDE	4,4-Dichlorodiphenyldichloroethylene
4,4-DDT	4,4-Dichlorodiphenyltrichloroethane
4,4-DDD	Dichlorodiphenyldichloroethane

UNITS

%	percent
fbg	feet below grade
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
µg/kg	micrograms per kilogram
µg/l	micrograms per liter
$\mu g/m^3$	micrograms per cubic meter of air

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1. INTRODUCTION

Loureiro Engineering Associates, Inc. (LEA) has prepared this report to document the findings of Phase III Subsurface Investigation (SSI) activities conducted at the developed portion of the state-owned Mystic Oral School property located in Groton, Connecticut (herein after referred to as the "Site"). The Phase III activities were authorized by the State of Connecticut Department of Economic and Community Development (DECD), Office of Brownfield Remediation and Development (OBRD). Funding for the Phase III activities were made available through a state grant and *An Act Promoting Economic Growth and Job Creation in the State* (Public Act No. 11-1).

The Site is the location of the former Mystic Oral School for the Deaf. The property is currently owned by the State of Connecticut and is maintained by the Department of Administrative Services (DAS). The Site is comprised of portions of two parcels, and includes one and a half acres of the 0 Oral School Road parcel and approximately 40 acres of the 240 Oral School Road Parcel. The property, of which the Site is a portion, consists of approximately 150 acres owned by the State of Connecticut. At the present, there are seven major buildings on the Site that were used for the school as dormitories, class rooms and ancillary facilities for the School, including a natatorium.

In 2011, the State of Connecticut identified the Site as surplus property. The DAS intends to sell the Site once the Site has been assessed and cleaned up as required by Public Act 11-1. The DECD contracted with LEA to conduct a Phase I Environmental Site Assessment (ESA), Phase II and Phase III SSI, and hazardous building materials (HBM) assessment of the Site. The findings of the Phase I Environmental Site Assessment (ESA), Phase II Subsurface Investigation and HBM assessment are documented in reports provided separately to DECD. This report documents the investigation of the extent and degree of soil contamination resulting from releases of hazardous waste or hazardous substances at the Site.

1.1 Purpose and Scope

The purpose of the Phase III SSI was to further assess the extent of any contamination resulting from releases of hazardous waste or hazardous substances at the Site that were identified in the Phase II SSI. The Phase III investigation was performed in general accordance with relevant components of the *Site Characterization Guidance Document* (SCGD) issued by the Connecticut Department of Energy and Environmental Protection (DEEP) in 2010 (DEEP, 2010). In accordance with the SCGD, the investigation was .based on a preliminary Conceptual Site Model

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(CSM) that was developed first in the Phase I environmental assessment and refined in the Phase II SSI and are documented in the following reports:

- *Phase I Environmental Site Assessment Report – Former Mystic Oral School for the Deaf, Groton, Connecticut. LEA April 2013* and
- *Phase II Sub Surface Investigation Report – Former Mystic Oral School for the Deaf, Groton, Connecticut. LEA, June 2013.*

The preliminary CSM was revised as necessary based on the data generated during the course of this Phase III investigation.

This report documents the performance of the Phase III investigation, presents the results of the investigation as well as a final CSM that describes the nature and extent of contamination resulting from releases on the Site. This report also includes an evaluation of the identified soil contamination with respect to the requirements of the Remediation Standard Regulations (RSRs) and identifies those areas for which remediation would be warranted to bring the Site into compliance with the RSRs.

This report does not include an investigation of whether releases at the Site have affected groundwater quality. Preliminary groundwater data collected in the Phase II SSI did not identify any plume resulting from releases at the Site. However, if the Site is to be remediated in accordance with the RSRs, groundwater data will be necessary to document compliance with the applicable groundwater criteria and to demonstrate the effectiveness of the remedial actions undertaken to address soil contamination.

1.2 Report Organization

This report has been organized such that tables, figures, drawings, and appendices are presented following the text of the report. The information provided in the remaining sections of this report is presented as follows:

- A description of the physical features of the Site, its location, ownership history, and use is presented in Section 2;
- Information on the environmental setting of the Site is presented in Section 3;
- The preliminary CSM, which describes the suspected release mechanisms, contaminant migration pathways, affected environmental media, and the constituents of concern for each AOC, based on the results of the Phase II Subsurface Investigation, is provided in Section 4;
- A description of the SSI activities is provided in Section 5;

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- The investigation results are presented in Section 6;
- A comparison of the laboratory results to regulatory criteria is provided in Section 7;
- Conclusions and an Updated Conceptual Site Model are provided in Section 8;
- Recommendations are provided in Section 9; and,
- References are provided in Section 10.

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2. SITE INFORMATION

2.1 Site Location

The Site is located 0.2 miles north of the intersection of Oral School Road and Boulder Court and approximately 0.25 miles north of Interstate Highway 95 in the northeastern portion of Groton, Connecticut. The two parcels that comprise the Site are identified by the Town of Groton Tax Assessor's Office as 0 Oral School Rd and 240 Oral School Road, and are listed on the current Town of Groton Assessors Cards as Map IDs 261906297210E and 261906388923E, respectively.

Based on a review of the United States Geological Survey (USGS) 7.5-minute series topographic quadrangles for Old Mystic and Mystic, Connecticut, the center of the Site is located approximately at 41˚ 22'35" north latitude and 71˚ 58'19" west longitude (USGS, 1983 and 1984, photo-revised 1989 and 1996). The location of the Site, the topography of the surrounding area, and the locations of nearby water bodies, man-made structures, and major access routes are shown in Figure 2-1, which was developed from a portion of the above-referenced topographic quadrangle maps.

The zoning designation for the Site and surrounding area is RU-80, designating a rural residential area. Much of the area surrounding the Site is comprised of undeveloped land owned by the State of Connecticut. However, the Site is bordered by a number of residential properties to the south and west, along Oral School Road and Boulder Court.

2.2 Site Description

2.2.1 Site Characteristics

The characteristics of the Site are presented in the Site Plan provided as Drawing 2-1. As shown in this drawing, the parcel identified as 0 Oral School Road is situated along the west side of Oral School Road. The developed portion of this parcel encompasses approximately 1.5 acres and is improved with a paved parking lot. The parcel identified as 240 Oral School Road is situated along the east side of Oral School Road. The developed portion of this parcel encompasses approximately 40 acres. This parcel is improved with seven primary buildings used as part of the former Mystic Oral School for the Deaf and referred to as the Administration (Boys Wing) Building, Girls Wing, Whipple Building, Crouter Building, Durant Building, Pratt Building, and Rainbow House. In addition, the site improvements include a Maintenance Garage, Rainbow House Garage, Wood Shed, and ancillary driveways and parking lots. This parcel also includes a Recreation Field and fire pond identified as Mystic Oral School Pond.

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The Site is currently vacant, with the exception of personnel conducting routine maintenance of the Site and associated buildings.

2.2.2 Facility Structures

The existing site buildings encompass an area of approximately 240,000 square feet. The buildings were constructed between approximately 1924 and 1976. A summary of each building that identifies the date that the building was constructed is provided in Table 2-1.

2.2.3 Utilities

Public utilities, including those for electric, sewer, and water are available at the Site. Electricity in the vicinity of the Site is provided by Connecticut Light and Power. Municipal sewer and water service is provided by the Town of Groton. Heat and hot water are provided to the buildings at the Site through a number of oil-fired steam boiler furnaces.

2.2.4 Site Ownership History and Use

In 1869, the Whipple Home School for Deaf Mutes was founded in Ledyard, Connecticut. In circa 1872, the school was re-located to the Mystic property. At this time, the school consisted of a house and a brick dormitory. The name Mystic Oral School for the Deaf was adopted in 1895. The State of Connecticut purchased the site property in 1921.

During its early years, the school property was self-sufficient. In addition to classrooms and dormitories, the school property included buildings to maintain agriculture and livestock operations. The property also included a dedicated sewage treatment plant. This treatment plant is located beyond the Site property boundary on DEEP-maintained property that abuts the Site to the south-southeast. Historically, buildings associated with farming practices were located on the existing Recreation Field.

During the developmental history of the school campus, a number of buildings were constructed as provided in Table 2-1. The buildings included classrooms, dormitories, as well as living space for families of children enrolled in the school. Various buildings also included gymnasiums, a photography laboratory, an internal combustion engine laboratory, as well as carpentry and paint shops. The Pratt building, the last structure constructed at the Site, was built in 1976 to provide a new gymnasium and natatorium.

The Mystic Oral School for the Deaf was closed in June 1980. Later that year, the name of the facility was changed to the Mystic Educational Center. The campus facility later became known as the Mystic Educational Center and Mystic Community Center O.S. Until it was closed in

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2011, the facility was used by a number of entities including the State of Connecticut Department of Mental Retardation. The State of Connecticut leased the natatorium to the Johnson and Memorial Hospital and to the Town of Groton and other local community organizations. The Town of Groton Parks and Recreation Department also used the Recreation Field until 2011.

Between 1980 and 2011, the Boys Wing of the Administration Building was leased to Alion Science and Technology (Alion), a private company that provides engineering, research, testing, and development services to the United States Department of Defense. Alion used the Boys Wing for office space.

The parcel identified as 0 Oral School Road has been leased by the State of Connecticut to Reliance Fire Department, Incorporated. The portion of this parcel that is part of the Site has been used by the Old Mystic Fire Department to conduct fire-fighting training exercises.

2.2.5 Historical Wastewater Discharges

Prior to connecting to the municipal sewer system, wastewater generated at the Site was reportedly discharged to a series of filter beds located south-southeast of the Site on the State of Connecticut property maintained by DEEP. The filter beds were reportedly constructed along with a chlorine building and two holding ponds at this location. The time of the last discharge to this system and the first discharge to the Town of Groton wastewater treatment system is unknown.

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3. ENVIRONMENTAL SETTING

3.1 Topographic Setting

The Site is located on a plateau that offers expansive views of the Mystic River to the east. Based on a review of the USGS 7.5-Minute Series Topographic Map of the Old Mystic and Mystic Connecticut Quadrangles, the Site is situated at an elevation of approximately 160 feet above mean sea level (USGS, 1983 and 1984, photo-revised 1989 and 1996). The topographic ground elevations at the Site are identified shown in Figure 2-1. East and southeast of the site buildings, the property slopes toward the Mystic River to the east. South and southwest of the site buildings, the property slopes toward the south. The western portion of the property slopes in general toward the south.

3.2 Surface Water and Drainage

The Mystic Oral School Pond, encompassing an area of approximately 0.5 acres, is located on the northern portion of the Site. The nearest off-site surface water body is the Mystic River, located approximately 0.3 miles east of the Site. The Mystic River flows into Long Island Sound.

Site drainage features include a combination of catch basins, dry wells, and parking lot leak-offs. Catch basins are present in the parking area surrounding the Pratt Building. These catch basins discharge to an outfall located south of the Pratt Building parking lot. Surface water runoff from the other parking lots is conveyed onto the surrounding ground surface via parking lot leak-offs. Roof drainage from several site buildings is directed toward drywells.

3.3 On-Site Wetlands

According to the United States Fish and Wildlife Service Wetlands Map (updated October 17, 2013), there are no mapped wetlands on the Site. However, the Mystic Oral School Pond located on the Site is identified as a freshwater pond and a small stream flows from the pond to the east toward the Mystic River.

3.4 Floodplain

Based on the Flood Insurance Rate Maps, New London County, Map Numbers 09011C0388G, 09011C0388G, and 09011C0526G, effective July 18, 2011, and prepared by the Federal Emergency Management Agency, the Site is located in an area outside of the 0.2 percent annual chance floodplain.

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3.5 Groundwater Quality

Based upon a review of the most recent update to the Geographic Information System (GIS) groundwater quality data layer provided by DEEP (2012), and the *Water Quality Standards* published by the DEEP Water Management Bureau (CT DEEP, 1996, revised 2011), groundwater in the vicinity of the Site has a classification of "GA". Groundwater with a GA classification is defined as existing private and potential public or private supplies of water suitable for drinking without treatment, and baseflow for hydraulically connected surface water bodies.

3.6 Surface Water Quality

Based upon a review of the most recent update to the GIS surface water quality data layer provided by DEEP in 2012, and the *Water Quality Standards*, published by the DEEP Water Management Bureau (1996, revised 2011), the Mystic Oral School Pond located on the Site has a water quality classification of "A". Designated uses for Class A water include habitat for fish and other aquatic life and wildlife, potential drinking water supplies, recreation, navigation, and water supply for industry and agriculture. The Mystic River located east of the Site has a water quality classification of "SB". Designated uses for Class SB waters are habitat for marine fish and aquatic life and wildlife, commercial shellfish harvesting, recreation, industrial water supply, and navigation.

3.7 Surficial and Unconsolidated Geology

Information regarding the surficial and unconsolidated geology in the vicinity of the Site was obtained from a review of the Quarternary Geologic Map of Connecticut and Long Island Sound Basin (Stone, et al, 2005) and the DEEP GIS data layer for surficial materials provided by DEEP in 2013. This information was also obtained from observations made during the Phase III SSI activities. Unconsolidated surficial geologic deposits near the Site are comprised of glacial ice-laid deposits described as thin till. The till consists of non-sorted, generally non-stratified mixtures of grain-sizes ranging from clay to large boulders. Sands and silts compose the majority of the till matrix. As presented in Section 6.1, soils encountered during the Phase II and Phase III investigation activities included very fine-grained to fine-grained sands with trace amounts of silt and gravel, and are consistent with the published information regarding unconsolidated materials near the Site.

3.8 Bedrock Geology

Based on a review of the most recent update to the GIS bedrock data layer provided by DEEP in 2003, and the *Geologic Map of the Old Mystic Quadrangle, Connecticut* (Rodgers, 1985),

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bedrock beneath the Site and surrounding area is mapped as three different formations: the Plainfield Formation, the Hope Valley Alaskite Gneiss, and the Mamacoke Formation. The Plainfield Formation is described as interlayered thinly bedded quartzite, mica schist, and dark-gray gneiss. The Hope Valley Alaskite Gneiss is described as a light-pink to gray, medium to coarse-grained granitic gneiss. The Mamacoke Formation is described as an interlayered light to dark gray medium-grained gneiss.

Bedrock was observed to outcrop at several locations at the Site. Moreover, blasting was reportedly needed to remove bedrock so that the driveway southeast of the Boys Wing could be constructed and so that the underground storage tank (UST) adjacent to the Pratt Building could be installed (LEA, 2013). Based on the results of the Phase II SSI, bedrock is present beneath other areas of the Site at less than approximately 15 feet below grade (fbg).

3.9 Hydrogeology

During the Phase II SSI conducted at the Site, groundwater was encountered in overburden monitoring wells at a depth of approximately 10 fbg (LEA, 2013). Based on the published topographic maps referenced in Section 2.1, and on observations of the topography made by LEA personnel at the Site, groundwater for the eastern extent of the Site is believed to flow to the east toward the Mystic River. With the exception of the western portion of the property, groundwater is otherwise expected to flow toward the southeast toward the Mystic River. For the western portion of the Site, groundwater is expected to flow toward the south and southwest to a tributary of the Mystic River located west of Oral School Road.

According to the *Atlas of Public Water Supply Sources and Drainage Basins of Connecticut, Bulletin Number 4* (DEEP, 1982), no public water supply wells are located within an approximate one-mile radius of the Site. Based upon a review of the most recent update to the GIS aquifer protection data layer provided by DEEP in 2013, there are no aquifer protection areas in the vicinity of the Site.

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4. PRELIMINARY CONCEPTUAL SITE MODEL

4.1 Areas of Concern

To effectively evaluate the potential for contamination to exist at the Site, it is necessary to develop a preliminary CSM that describes the conditions and processes at the Site that are likely to influence contaminant fate and transport. Based on an evaluation of information obtained during the Phase I and Phase II (LEA, 2013), a preliminary, site-specific conceptual model that described potential release locations and mechanisms, contaminant fate and transport characteristics, and potential contaminant migration pathways was developed. Such an understanding of the site-specific characteristics was necessary to develop an effective investigation strategy in which samples would be collected from the appropriate media and at the appropriate locations and depths where contamination from a release would most likely be detected.

The preliminary CSM identified 17 areas of concern (AOCs) where hazardous substances or hazardous waste are known or suspected to have been released. The locations of the AOCs are shown on Drawing 4-1, titled Soil Sampling Locations, which also shows all soil sampling locations from both the Phase II and Phase III SSIs. A summary of the preliminary CSM for each AOC has been provided below, while a more detailed description of the preliminary CSM for each AOC has been included in Table 4-1.

4.2 AOC 1 - Recreation Field

The Recreation Field located in the northern portion of the Site was used historically to grow crops. This area of the Site was reportedly the location of several small buildings that were associated with farming activities (LEA, 2013). The field has also been used as a baseball diamond and a football field. Historically, fill material was placed in the area of this field to level the area and to maintain its playing condition (LEA, 2013).

Contaminants of concern within this AOC include pesticides and herbicides that may have been applied when the field was used to grow crops. Other constituents of concern include contaminants that may have been included in fill material that was placed in this area. These additional constituents include volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), extractable total petroleum hydrocarbons (ETPH), polychlorinated biphenyls (PCBs), and metals.

In the Phase II SSI, soil samples in the northeastern corner of the recreation field were found to contain SVOCs, primarily polynuclear aromatic hydrocarbons (PAHs), and ETPH. However, it

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was not clear whether the shallow soil contamination was present as a result of the placement of contaminated fill or whether the contamination was a localized result of a spill of petroleum products.

4.3 AOC 2 - Fire Department Training Area and Area of Fill

The 0 Oral School Road parcel located on the western portion of the Site is the former location of the Cook's House. This parcel is currently used as a fire fighting training center. The former Cook's House was destroyed in a fire during fire training exercises. In addition, fill material was placed in this area of the Site.

Potential sources of contamination include fuels that may have been used as an ignition source for fire training, and impacted fill material. Constituents of concern include VOCs, SVOCs, ETPH, PCBs, and metals.

Lead, VOCs, primarily acetone, and PAHs were detected in shallow soil samples collected during the Phase II SSI.

4.4 AOC 3 - Solid Waste Disposal Area

The area located to the north of the entrance to the Pratt Building has reportedly been used historically as a disposal area for scrap metal, wood, asphalt, and concrete. Constituents of concern include: VOCs, SVOCs, ETPH, and metals.

Soil samples from the waste as part of the Phase II SSI contained PAHs and ETPH indicating that the soils placed in the disposal area included some solid waste.

4.5 AOC 4 - Former Oiled Gravel Driveway

The driveway located north of the Girls Wing was previously identified as an "Existing Oiled Gravel Driveway." Oil was reportedly applied to this driveway for dust control purposes. The contaminants of concern for this AOC include SVOCs and ETPH.

In the Phase II SSI, although some PAHs were detected in one sample, in general the soil samples from this AOC did not contain constituents of concern. It was concluded in the Phase SSI, that the constituents were most likely associated with the asphalt and that further investigation of contaminants that may have been present in the oil applied to the area was not necessary.

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4.6 AOC 5 - Former and Existing Underground Storage Tanks

A number of USTs have been utilized at the Site to store petroleum products including, heating oil, fuel oil (diesel), and gasoline. One heating oil UST has been reportedly abandoned in-place, and four other heating oil USTs have been removed from the Site. In addition, one UST formerly used to store gasoline was removed from the Site. A diesel fuel UST associated with the Emergency Generator (AOC 13) was also removed from the Site. Existing USTs at the Site include three 10,000-gallon USTs used to store heating oil.

Releases of petroleum associated with USTs at the Site have previously been reported. While the laboratory analytical data for samples collected following response actions taken to address these releases indicate that the impacts have been cleaned-up, there may have been other UST releases that have not been addressed. Constituents of concern include VOCs, SVOCs, ETPH hydrocarbons, and metals.

Based on the findings of the Phase II SSI, a number of PAH compounds are present in shallow soil in the area of the UST abandoned in-place adjacent to the Rainbow House. In addition, a number of PAH compounds and petroleum hydrocarbons are present in soil next to the smokestack associated with the Administration Building boiler room and downgradient of former heating oil USTs. The identification of pieces of coal within the samples collected from the soil boring advanced to assess this area of the Site suggests that the constituents present in soil at this location have resulted from boiler room operations and not from UST operations.

4.7 AOC 6 - Aboveground Storage Tanks

There are two existing 275-gallon heating oil aboveground storage tanks (ASTs) maintained at the Site. One AST is located in the basement of the Rainbow House, and the other is located in the Maintenance Garage. The concrete floors beneath each tank were observed to be stained with oil. Contaminants of concern include VOCs, SVOCs, and ETPH.

Samples collected in the Phase II SSI from the soil most likely affected by releases of petroleum did not contain any constituents of concern at concentrations greater than the detection level. The Phase II SSI report concluded that there was no evidence of a release at this AOC.

4.8 AOC 7 - Perimeter of Existing Buildings

The use of pesticides and herbicides to control pests and weeds is a common practice. Heavy application of pesticides and herbicides at State-owned facilities is known to have occurred. At the Site, these chemicals would have typically been applied to the ground surface along the perimeter of buildings. Given the age of the Site buildings and apparent extended use of

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pesticides and herbicides, the possibility of contamination in the shallow soils exists as a result of pesticide and herbicide application. Constituents of concern include pesticides and herbicides.

Also, given the age of the site buildings it is possible that lead-based paint was applied to the exterior of the buildings. Any lead-based paint that leached from weathered window frames or other exterior wood building components, or that peeled from exterior concrete block, may have resulted in the release of lead to shallow soil. Evidence that paint had leached from wooden window frames was visually observed during the Phase I ESA activities. Thus, lead is a constituent of concern.

Based on the results of the Phase II SSI, lead has been released to shallow soils around the Administration Building, Boys Wing, and Wood Shed. In addition, chlordane and heptachlor epoxide have been released to shallow soils adjacent to the Crouter Building.

4.9 AOC 8 - Electrical Transformers

Four exterior, wet-type electrical transformers were observed during the site reconnaissance. The transformers are situated upon concrete pads. No stains were observed on the underlying concrete pads. Potential release mechanisms include spills of dielectric fluid to the concrete pad and to the surrounding soil. The constituents of concern include ETPH and PCBs.

The Phase II SSI concluded that because there was no visible evidence of a spill from the transformers that no sampling was necessary.

4.10 AOC 9 - Crouter Building

The Crouter Building was used for classroom space, a carpentry shop, a paint room/spray paint booth, an internal combustion engine laboratory, and a gymnasium. The building is currently used to store equipment and materials. Materials stored in the building include empty containers of hydrochloric acid. Areas of the floor within the internal combustion engine laboratory were observed to be stained. Potential transport mechanisms include the migration of spilled materials through the concrete floor. The contaminants of concern include VOCs, SVOCs, ETPH, and metals.

The Phase II SSI concluded that there was no evidence of a release of hazardous substances that had migrated into the underlying soil.

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4.11 AOC 10 - Administration Building and Girls Wing Boiler Rooms

A release of heating oil was previously reported to have occurred within the boiler room of the Administration Building. The release reportedly resulted in the migration of heating oil across the floor into the sump. The bottom of the sump is at an elevation below the water table at the Site and groundwater is present in this sump. In addition, boiler blow-down water that is discharged on a daily basis to the sump was historically discharged through the concrete floor of this room. Heating oil released to the concrete floor of the boiler room may have migrated through the floor and impacted underlying soil. In addition, boiler blow-down water released directly through the concrete floor may have impacted underlying soil.

The boiler within the basement of the Girls Wing provides steam and hot water throughout this building. The boiler is fueled using No. 4 heating oil, but had previously been fueled using No. 6 heating oil and pre-heaters. Originally, the boiler was fueled using coal. A coal chute was located along the boiler room east wall. The constituents of concern include VOCs, SVOCs, ETPH, and metals.

Based on the findings of the Phase II SSI, a number of PAH compounds and petroleum hydrocarbons have been released to soil in the vicinity of the former coal chute associated with the original boiler in the Girls Wing of the Administration Building.

4.12 AOC 11 - Administration Building Storage Rooms and Photography Lab

The storage rooms within the Administration Building include a janitor room. The janitor room was observed to contain a number of chemical cleaning products. The floor of the janitor room was observed to be stained. The constituents of concern include VOCs, SVOCs, ETPH, and metals.

The photography laboratory located on the ground floor of the Boys Wing was observed to be constructed of cinder block. The floor within this laboratory appeared to be in relatively good condition. No staining was observed. A drain located within this room was reported to be connected to the on-site wastewater discharge system. Chemicals that were spilled to the floor of the laboratory may have migrated through the concrete or around the floor drain piping. The constituents of concern include VOCs, metals, and cyanide.

The Phase II SSI concluded that there was no evidence of a release of constituents of concern to the soil underlying the Administration Building storage room and photography lab.

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4.13 AOC 12 - Hydraulic Elevators

Two hydraulically-powered elevators exist within the Administration Building. A passenger elevator is located within the central part of the Administration Building. A freight elevator is located adjacent to the loading dock within this building and was formerly used to deliver goods to the kitchen located on the second floor. In addition, one pulley-operated elevator is located within the boiler room of the Administration Building. The concrete floor was stained near the hydraulic reservoir of the freight elevator. The constituents of concern include VOCs, SVOCs, ETPH, PCBs, and metals.

Based on the results of the Phase II SSI, a number of PAH compounds were released to soil in the vicinity of the hydraulic elevator formerly used to deliver goods to the kitchen of the Administration Building. However, it was not clear whether the source of the PAHs was from the hydraulic elevators or from another source.

4.14 AOC 13 - Emergency Generator

The reported release of approximately 150 to 200 gallons of diesel oil to the ground in the area of the Emergency Generator may have impacted subsurface soil. In addition, there may have been other releases of diesel oil from the UST formerly located in this AOC. The diesel oil may have been released directly to the soil from a leak in the UST or subsurface piping. Oil released to the ground may have migrated through shallow soil and impacted subsurface soils. The constituents of concern include VOCs, SVOCs, metals, and ETPH.

Based on the findings of the Phase II SSI, a number of PAH compounds and petroleum hydrocarbons are present in shallow soil in this area of the Site as a result of the spill of diesel fuel.

4.15 AOC 14 - Maintenance Garage / Storage Areas

A heating oil-fired furnace and associated 275-gallon heating oil AST are located along the southern wall of the Maintenance Garage. Gasoline is also stored in the garage in small containers of less than 5-gallons in size. The garage is used to perform routine maintenance on lawn mowers and other small power equipment.

Several containers of liquid waste are stored in the Wood Shed. Waste oils and waste gasoline were observed to be stored on a containment pallet in this shed. This liquid waste accumulation area of the Wood Shed represents an AOC. The concrete floor of the Wood Shed was observed to be heavily stained with oil. The constituents of concern include VOCs, SVOCs, ETPH, PCBs, and metals.

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Based on the findings of the Phase II SSI, PAHs and petroleum hydrocarbons were released to shallow soil adjacent to the Rainbow House garage. In addition, PAHs, petroleum hydrocarbons, and silver were released to shallow soil beneath the Wood Shed.

4.16 AOC 15 - Pratt Building Mechanical Rooms

The Pratt Building mechanical rooms include the boiler room and the pool chemical supply room. The floor of the boiler room was observed to be stained in several areas. The pool chemical supply room was formerly used to add chlorine to circulated pool water and to back-flush the pool water. The floor of this room was also observed to be stained. The staining that was observed in the mechanical rooms is typical for the functions served by these rooms. The constituents of concern include VOCs, SVOCs, ETPH, and metals.

The Phase II SSI concluded that there was no evidence of a release in this AOC.

4.17 AOC 16 - Former Site Features

The former site features include the rubbish burner and the two buildings identified as a shop and a garage formerly located north of the driveway/parking area that is north of the Administration Building. Based on the apparent use of these former features, it is possible that chemicals may have been released to the ground in this area of the Site. Potential release mechanisms include spills from equipment or containers onto the ground surface. The constituents of concern include VOCs, SVOCs, ETPH, PCBs, and metals.

Based on the results of the Phase II SSI, a number of metals, petroleum-related VOCs and PAHs, and petroleum hydrocarbons have been released to soils in the vicinity of the Former Rubbish Burner and former Garage.

4.18 AOC 17 - Loading Docks

The loading docks at the Site were used to receive goods and materials, including small quantities of chemicals, delivered to the Administration Building and the Durant Building. The loading docks did not appear to be stained. Any chemicals that may have been spilled on the loading docks could have flowed onto the adjoining ground surface and could have migrated through the paved surface to underlying soils. The constituents of concern include VOCs, SVOCs, ETPH, and metals.

Based on the results of the Phase II SSI, phenanthrene and petroleum hydrocarbons are present in soil adjacent to the Durant Building loading dock. However, no evidence of a release was identified at the loading dock for the Administration Building.

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5. PHASE III SUBSURFACE INVESTIGATION ACTIVITIES

5.1 Approach

The Phase III SSI was conducted to further characterize the nature and extent of release areas identified during Phase II SSI activities. The location of and depth of samples that were analyzed were based on the potential migration pathways for the contaminants released at the Site as described in the CSM. In general, most of the releases that were identified in the Phase II were the result of surface spills, and therefore the sampling focused on determining the extent of contamination in shallow soils as well as determining the depth to which contaminants might have migrated in soil at the Site.

5.2 Geophysical Survey

Prior to initiating Phase III SSI sampling activities, LEA subcontracted Corbuilt LLC (Corbuilt) of Canterbury, Connecticut to: (i) locate subsurface utilities at the Site; and (ii) locate any USTs and appurtenant piping at the Site. Corbuilt used radio frequency and ground-penetrating radar (GPR) procedures to locate these features. In addition, Corbuilt used the subsurface geophysical surveying techniques to identify whether or not proposed sampling locations possibly conflict with underground utilities.

5.3 Soil Investigation

LEA field personnel conducted Phase III soil boring activities from August 26, 2013 through August 30, 2013. During this time, a total of 40 soil borings were advanced at the Site. A tabular summary of each soil boring is included as Table 5-1 and the location of each soil boring is identified on Drawing 4-1. It is noted that a number of soil borings that were initially planned were not completed because the boring locations were found to be inaccessible or because subsequent evaluation of available information resulted in the finding that the soil borings were not needed for this phase of investigation. Accordingly, the soil borings are not numbered consecutively.

Phase III SSI activities also included the collection and analysis of 20 surficial soil samples collected from the upper six inches (identified as SS-300 through SS-319), and presented in Table 5-1 and Drawing 4-1. A total of six test pits were also excavated within AOC-3 – Solid Waste Disposal Area. Soil samples were collected from within two of the six test pits (Test Pit 1 and Test Pit 2). A summary of each test pit soil sample analyzed is included in Table 5-1 and the location of each test pit is identified on Drawing 4-1.

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The rationale for advancing the soil borings and collecting soil samples from the locations shown in Drawing 4-1 is included in the CSM provided as Table 4-1. In general, the soil borings were advanced using LEA's Geoprobe® Model 5400 truck-mounted, direct-push probe in accordance with LEA's *Standard Operating Procedure for Geoprobe® Probing and Sampling*. Copies of LEA's Standard Operating Procedures are provided in Appendix A. For the locations that could not be accessed using this equipment, the soil borings were advanced manually using a hand auger, in accordance with LEA's *Standard Operating Procedure for Hand Auger Borings*. The soil borings were advanced to the proposed depths ranging from approximately 2 fbg to 16 fbg, or to the depth at which the Geoprobe® tools or hand augers could not be advanced further due to refusal.

During the advancement of each soil boring and the collection of each soil sample, LEA's geologist classified and logged a description of the materials encountered. The materials were classified using a modified Burmister soil classification system in accordance with LEA's *Standard Operating Procedure for Geologic Logging of Unconsolidated Sedimentary Materials* (Appendix A). The soils were also examined for evidence of a release, such as staining, odors, or visible separate-phase petroleum products. In addition the soils were screened in the field for the presence of VOCs using a photoionization detector (PID). Copies of the Geologic Boring Logs, which contain descriptions of the subsurface materials encountered during the soil boring process, are provided in Appendix B.

During the soil boring advancement process, discrete soil samples were collected from each two-foot interval encountered. The surface soil samples were collected from a shallow depth of 0 to 6 inches below the ground. Aliquots of soil from each interval sampled were collected in appropriate containers for potential laboratory analyses in accordance with LEA's *Standard Operating Procedure for Soil Sampling* (Appendix A). Soils collected specifically for laboratory analysis for VOCs were collected and preserved in accordance with LEA's *Standard Operating Procedure for Collecting and Preserving Soil and Sediment Samples for Laboratory Determination of Volatile Organic Compounds* (Appendix A).

Each soil sample was placed into laboratory-supplied sample containers for possible analyses. These samples were submitted to Con-Test Analytical Laboratory of East Longmeadow, Massachusetts (Con-Test) along with the corresponding quality assurance/quality control (QA/QC) samples for possible analysis for one or more of the following analytical parameters using the DEEP Reasonable Confidence Protocol (RCP) versions of the following analytical methods: VOCs using SW-846 EPA Method 8260C; SVOCs using SW-846 EPA Method 8270D; PCBs using SW-846 EPA Method 8082; extractable total petroleum hydrocarbons (ETPH) using the Connecticut-approved ETPH method; pesticides using SW-846 EPA Method

8081; and total RCRA-8 metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) plus copper, nickel, and zinc using the appropriate EPA SW-846 6000 and 7000 series of methods.

LEA instructed the laboratory to analyze select samples based on observations made in the field, including PID measurements, and on the potential constituents of concern associated with the area being assessed. The laboratory was instructed to analyze 89 of the 133 soil samples submitted to the laboratory. The sampling and analytical information for each soil sample collected is summarized in Table 5-1.

5.3.1 Quality Assurance/Quality Control Sampling

During the Phase III SSI activities, LEA field personnel submitted QA/QC samples to Con-Test for laboratory analyses. The QA/QC samples were collected in accordance with LEA's *Standard Operating Procedure for Quality Assurance/Quality Control Procedures for Field Activities* (Appendix A). The QA/QC samples included 2 equipment rinsate blank samples associated with soil sampling activities conducted between August 26 and 30, 2013. The QA/QC samples also included four trip blank samples associated with soil sampling activities conducted on August 26, 27, 28, 29 and 30.

The QA/QC samples also included field duplicate samples. A summary of field duplicate soil samples collected are as follows:

- On August 27, 2013 from a depth of 0 to 2 fbg at soil boring SB-313;
- On August 27, 2013 from a depth of 0 to 2 fbg at soil boring SB-314A;
- On August 28, 2013 from a depth of 0 to 0.5 fbg at surface soil location SS-318; and,
- On August 30, 2013 from a depth of 0 to 2 fbg at soil boring SB-339.

5.4 Field Survey

On August 20th, LEA personnel performed a field survey to locate each of the sample locations relative to the horizontal and vertical datum established for the Site. The information from this survey was used to update the site base map, which depicts the locations of the samples collected from the Site.

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6. PHASE III INVESTIGATION RESULTS

6.1 Soil Observations

In general, the subsurface materials encountered during Phase III SSI activities were observed to be consistent with both the published information regarding unconsolidated materials near the Site, and previous Phase II observations. As described in Section 3.7, unconsolidated surficial geologic deposits near the Site are comprised of till, consisting of non-sorted, generally non-stratified mixtures of grain-sizes ranging from clay to large boulders. Sands and silts compose the majority of the till matrix. Based on visual observations completed during the advancement of the soil borings, the Site is underlain by very fine-grained to fine-grained sands with trace amounts of silt and gravel. The subsurface materials were typically observed to be loose and moist. Saturated soils indicative of groundwater were encountered in borings at depths ranging from approximately 4 fbg (SB-337) to 8 fbg (SB-306 and SB-312).

During the Phase II and Phase III SSI activities, the advancement of the Geoprobe® direct-push equipment was met with refusal at various soil boring locations across the Site, generally between depths of approximately 7 and 12 fbg. It is believed that refusal of the of the Geoprobe® direct-push equipment was generally due to the presence of bedrock at or near the depth of refusal. While the depth to rock was not confirmed by coring into the bedrock, it is expected that bedrock occurs at these depths given the site topographic setting and the observed bedrock that outcrops at various locations at the Site.

6.2 Soil Analytical Results

6.2.1 Overview

A list of constituents detected in soil is provided in Table 6-1, and a list of all laboratory analytical results for the soil samples collected at the Site is provided in Table 6-2. Copies of the laboratory analytical reports for all soil samples and associated QA/QC samples are provided in Appendix C. An overview of the constituents detected in soil samples is provided, by constituent group, as follows.

Volatile Organic Compounds

Three VOCs; naphthalene, acetone, and 2-butanone, were detected in 3 of 34 soil samples submitted for VOC analysis. Naphthalene is a constituent that is primarily associated with petroleum products. The two other VOCs, 2-butanone and acetone, were detected in the fire department training area and are most likely residual concentrations of accelerants used in training scenarios.

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Semivolatile Organic Compounds

Several SVOCs were detected in 35 of 73 soil samples submitted for SVOC analysis. The SVOCs detected in soil at the Site are primarily limited to SVOCs that are commonly associated with petroleum, coal, asphalt, and tar products and are also formed during the incomplete combustion of petroleum fuels. The SVOCs most commonly detected in soil at the Site included benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, pyrene, phenanthrene, and fluoranthene.

Extractable Total Petroleum Hydrocarbons

The evaluation of the results for ETPH took into consideration the understanding that the analytical method approved by DEEP to quantify ETPH is known to have inherent interferences that may result in the reporting of low concentrations of ETPH that are not considered to be indicative of the actual ETPH concentration in the sample. To account for these interferences, ETPH concentrations less than 80 milligrams per kilogram (mg/kg) in soil samples and 0.2 milligrams per liter (mg/l) in groundwater samples were not considered to be indicative of a release. This approach to assessing ETPH is supported by the observation that low concentrations of ETPH (<80 mg/kg) appear randomly in soil samples collected from areas across the Site, with no consistent pattern typically associated with a release (Table 6-2).

Petroleum hydrocarbons, reported as ETPH, were detected in 63 of 71 soil samples submitted for ETPH analysis. However, only 22 of those samples contained ETPH at concentration indicative of a release. ETPH was found to be the most widespread of the pollutants in soil at the Site and was generally associated with spills of petroleum products.

Evidence of free phase oil was not observed within any soils encountered during the advancement of soil borings during the supplemental SSI.

Pesticides and Polychlorinated Biphenyls

Pesticides were detected primarily in surficial soil samples collected from the area adjacent to the perimeter of the some of the buildings, including the Administration Building, the Boys Wing, the Crouter Building, the Girls wing, the Rainbow House and Rainbow House garage, and the wooden out buildings at the Site as a result of pesticide applications to the ground surface. Pesticides including chlordane, dieldrin, 4,4-Dichlorodiphenyldichloroethylene (4,4-DDE) and 4,4-Dichlorodiphenyltrichloroethane (4,4-DDT) were detected in 16 out of 20 surface soil samples submitted for pesticide analysis. In fact, samples collected from surface soil sample locations SS-301 and SS-319 contained chlordane at concentrations at or above 30 times the respective Residential Direct Exposure Criteria (RDEC) threshold value for this constituent,

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causing them to be considered Significant Environmental Hazards. A report notifying the CT DECD of the presence of these significant environmental hazards was made available and sent on October 11, 2013.

In addition, Dichlorodiphenyldichloroethane (4,4-DDD) was detected in a soil boring sample from 4-8 fbg at location SB-306 in the recreational field and may represent residual pesticides resulting from the former agricultural activities or it may have been present in the fill material.

PCBs were not detected in any samples collected during the Phase III SSI.

Metals

One or more metal constituent was detected in each of the 51 soil samples submitted for metals analysis. Although metals were detected in soil samples collected from locations across the Site, the concentrations of individual metals detected in several of the samples are considered to be naturally occurring. A histogram analysis was performed to differentiate naturally occurring concentrations of metals from those potentially associated with releases. The histogram is a graphical plot of concentration ranges that often resemble bell-shaped curves. Concentrations within the standard bell-shaped portion of the curve may be considered to be representative of naturally-occurring conditions. Concentrations outside the naturally occurring range may be indicative of releases. The concentrations of metals detected in soil samples collected from the Site are discussed below by AOC. A total of 41 of the 66 samples were found to contain concentrations of either arsenic, copper or lead above naturally occurring levels.

6.3 Detected Compounds of Concern – By AOC

6.3.1 AOC 1 - Recreation Field

ETPH and SVOC impacts to soil were previously identified within AOC 1 during Phase II testing. ETPH and SVOCs were detected in soil at the location of soil boring SB-008 (0.5-2 fbg) at concentrations above their respective method detection limits. Phase III testing included the advancement of six soil borings, identified as SB-300, SB-301 and SB-302, SB-306, SB-307, and SB-308 to further delineate the identified impacts to soil at AOC 1. Soil samples were collected from each of the Phase III testing locations at depths of 0-2 fbg and 2-4 fbg. Each soil sample was subsequently analyzed for ETPH and SVOCs. One soil sample collected from within AOC 1 during Phase III sampling, identified as SB-306 (4-8 fbg), was additionally analyzed for pesticides.

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ETPH was detected in each of the Phase III soil samples analyzed, but not at concentrations indicative of a release. Two SVOCs, fluoranthene and pyrene, were detected in soil sample SB-302 (2-4') at concentrations of 210 mg/kg and 290 mg/kg, respectively.

One pesticide, 4,4-DDD, was detected in soil sample SB-306 (4-8 fbg) at a concentration of 20 micrograms per kilogram (µg/kg).

6.3.2 AOC 2 - Fire Department Training Area and Area of Fill

VOC and lead impacts were previously identified within AOC 2 during Phase II testing. Acetone was detected in soil at the location of soil boring SB-002 (0-0.5 fbg) at a concentration of 22,000 µg/kg. Lead was detected in soil at the location of soil boring / monitoring well MW-1 (2-4 fbg) at a concentration of 170 mg/kg. Six soil borings were advanced within AOC 2 during Phase III tesing to further delineate the extent of acetone and lead impacts to soil at this AOC.

Three soil borings, SB-329, SB-330 and SB-331, were advanced in the vicinity of SB-002 in order to further delineate the extent of identified acetone impacts to soil at this location. Soil samples were collected from each of the Phase III boring locations at depths of 0-2 fbg and 2-4 fbg. Each soil sample was analyzed for VOCs. The three soil samples collected from within the vicinity of boring SB-002 were additionally analyzed for ETPH due to the nature of the AOC (fire training center), and the potential relationship between acetone and petroleum hydrocarbons.

ETPH was detected in each of the Phase III soil samples collected from soil borings SB-329, SB-330, and SB-331 at concentrations ranging from 25 mg/kg to 190 mg/kg. Supplemental soil sampling will be needed to confirm the release area limits. It is anticipated that such sampling will be performed subsequent to remedial actions at AOC 2.

Naphthalene was detected in one sample, SB-331 (0-2 fbg), at a concentration of 9.9 µg/kg. Acetone was not detected in any of the Phase III soil samples collected and analyzed from within AOC 2.

Three soil borings, SB-326, SB-327 and SB-328, were advanced in the vicinity of soil boring / monitoring well MW-01 to further delineate the extent of identified lead impacts to soil at this location. Soil samples were collected from each of these boring locations at depths of 0-2 fbg and 2-4 fbg and analyzed for metals and SVOCs.

Lead was detected in each of the Phase III soil samples collected from in the vicinity of boring / well MW-01 at concentrations ranging from 8.1 mg/kg to 190 mg/kg. Based on LEA's evaluation of the site-wide data set for lead, naturally occurring background concentrations of

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lead in soil at the Site are believed to be below 35 mg/kg. In addition to the lead, other metals including barium, cadmium, copper, chromium, mercury, nickel, and zinc were detected in a number of the soil samples collected from within AOC 2 at concentrations believed to be indicative of naturally occurring concentrations.

SVOCs were not detected in any of the Phase III soil samples collected and analyzed from within AOC 2.

6.3.3 AOC 3 - Solid Waste Disposal Area

SVOCs, ETPH, and metals impacts to soil were previously identified within AOC 3 during Phase II testing. SVOCs were detected at the locations of soil borings SB-040, SB-041, and SB-042 (0-0.5' and / or 0-2.5'). Six test pits were excavated within AOC 3 during Phase III testing to further delineate the extent of impacts to soil at this AOC. Soil samples were collected from two of the test pits at depths of 13 fbg. Each soil sample was analyzed for VOCs, SVOCs, PCBs, ETPH, and metals.

SVOCs were detected in each of the two soil samples, Test Pit 1(13 fbg) and Test Pit 2(13 fbg) collected and analyzed from AOC 3.

ETPH was detected in both of the Phase III soil samples collected from Test Pit 1(13 fbg) and Test Pit 2(13 fbg) at concentrations of 82 mg/kg and 410 mg/kg, respectively.

Metals were detected in the test pit samples collected from within AOC 3 at concentrations believed to be indicative of naturally occurring background concentrations.

VOCs and PCBs were not detected in either of the Phase III soil samples collected from within AOC 3.

Based on test pit observations made by LEA's on-site geologist, materials present within the solid waste disposal area, include soil, rocks, concrete, asphalt, plastic sheeting, and wood. Scrap metal was also observed at the surface of the solid waste disposal area.

6.3.4 AOC 4 - Former Oiled Gravel Driveway

SVOC and ETPH impacts were previously identified within AOC 4 during Phase II testing. SVOCs were detected in soil at the location of soil boring SB-015 (0-2 fbg). Phase III sampling was not performed at AOC 4. However, supplemental soil sampling will be needed to confirm the release area limits, and it is anticipated that such sampling will be performed subsequent to remedial actions at AOC 4.

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6.3.5 AOC 5 - Former and Existing Underground Storage Tanks

VOC impacts to soil were identified at AOC 5 during Phase II testing. Acetone was detected in one soil sample, SS-16 (0-0.5 fbg) at a concentration of 22,000 µg/kg. A total of four supplemental Phase III soil borings, identified as SB-319, SB-320, SB-321 and SB-323, were advanced within the areas of former and existing USTs. Shallow refusal was encountered at each of these sampling locations at depths ranging from 6 to 9.5 fbg. Soil samples collected from these soil borings were not laboratory analyzed. However, each sample was field screened for the presence of VOCs, and elevated PID readings were not-detected. Additionally, no obvious visible evidence of petroleum releases were observed at these sampling locations. Phase III soil analytical testing was not performed at AOC 5. However, supplemental soil sampling will be needed to confirm the release area limits, and it is anticipated that such sampling will be performed subsequent to remedial actions at AOC 5.

6.3.6 AOC 6 - Aboveground Storage Tanks

Previously completed Phase II soil sampling at AOC 6 did not identify release areas. As such, Phase III soil sampling was not warranted at AOC 6.

6.3.7 AOC 7 - Perimeter of Existing Buildings

Pesticide and lead impacts were previously identified within AOC 7 during Phase II testing. Twenty surficial soil samples, identified as SS-300 through SS-319, were collected from along the perimeters of the Crouter, Administration, Rainbow House, Rainbow House Garage, and the Wood Shed Buildings in order to further delineate the extent of identified lead and pesticide impacts to soil at these locations. All soil samples were collected from within 2 feet of the perimeter of the buildings at depths of 0 to 0.5 fbg. Each sample was analyzed for metals and pesticides.

Lead was detected above naturally occurring concentrations in 13 of the samples analyzed. Copper was detected in one sample (SS-307) at a concentration of 3,300 mg/kg. Arsenic was detected in one sample (SS-314) at a concentration of 15 mg/kg. Barium, cadmium, chromium, mercury, nickel, and zinc were also detected in a number of the soil samples collected from within AOC 7 at concentrations believed to be indicative of naturally occurring concentrations.

Chlordane was detected in three soil samples (SS-300, SS-301, and SS-319) surrounding the Crouter Building at concentrations above the RDEC (0.49 mg/kg). Concentrations of chlordane were detected in two soil samples (SS-300 and SS-319) which constituted a Significant Environmental Hazard (SEH) as defined in Section 22-6u of the Connecticut General Statutes (CGS). The soil constituting a Significant Environmental Hazard will likely need to be abated

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through excavation and offsite disposal. The pesticides dieldrin, 4,4-DDT, 4,4-DDD, and 4,4-DDE were also detected in soil samples collected from within AOC 7 at concentrations below their respective RDEC values.

6.3.8 AOC 8 - Transformers

There are four pad-mounted electrical transformers at the Site, and these are located adjacent to the emergency generator, the Girls Wing boiler room, the Durant Building loading dock, and the Pratt Building. ETPH and / or SVOC impacts to soil were previously identified within AOC 8 during Phase II testing. SVOCs were detected in soil at the location of soil borings SS-03 (0-0.5 fbg), SS-07 (0-0.5 fbg), SS-08 (0-0.5 fbg), and SS-09 (0-0.5 fbg). Phase III testing included the advancement of six soil borings, identified as SB-314a, SB-315a, SB-324, SB-325, SB-332, and SB-339 to further delineate the identified impacts to soil at AOC 8. Soil samples were collected from each of the Phase III testing locations at depths ranging from of 0 to 6 fbg. Each soil sample was subsequently analyzed for ETPH, SVOCs, and PCBs.

Three SVOCs, benzo(a)anthracene, benzo(a)pyrene and benzo(b)fluoranthene, were detected in soil samples SB-314a (0-2 fbg) and SB-314a (2-4 fbg). Several other SVOCs were detected in samples collected from within AOC 8.

ETPH was detected in three soil samples at boring locations SB-314a and SB-315a.

PCBs were not detected in any of the Phase III soil samples collected from within AOC 8.

6.3.9 AOC 9 - Crouter Building

Previously completed Phase II soil sampling at AOC 9 did not identify release areas. As such, Phase III soil sampling was not warranted at AOC 9.

6.3.10 AOC 10 - Administration Building and Girls Wing Boiler Rooms

Subsequent to Phase II testing, it was determined that additional supplemental soil data was needed from within AOC 10. As such, three soil borings, SB-351, SB-352, and SB-353 were advanced at this AOC. Soil samples were collected from each soil boring at depths ranging from 0 to 1.5 fbg. The samples were each analyzed for SVOCs and ETPH. One soil sample, SB-351 (0-1.5 fbg) was additionally analyzed for VOCs.

ETPH was detected in two soil samples, SB-353 (0-0.66 fbg) and SB-351 (0.1.5 fbg) at concentration of 450 mg/kg and 15 mg/kg, respectively.

Several SVOCs were also detected in soil sample SB-353 (0-.66 fbg).

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6.3.11 AOC 11 - Administration Building Storage Rooms and Photography Lab

Based on Phase II soil testing performed within AOC 11, releases were not identified. As such, Phase III testing was not warranted within AOC 11.

6.3.12 AOC 12 - Hydraulic Elevators

Due to the presence of adjacent building foundations and structural elevator components, LEA was unable to access soil within AOC 12. Although the lack of sampling within this AOC represents a data gap, based on the nature of the AOC, and the apparent depth of underlying bedrock, this data gap would not be expected to significantly affect the overall project findings and / or recommendations for remedial action.

6.3.13 AOC 13 - Emergency Generator

ETPH and SVOC impacts to soil were previously identified at AOC 13 during Phase II testing. Phase III testing included the advancement of five soil borings, identified as SB-312, SB-312a, SB-313, SB-316a, and SB-333 to further delineate the identified impacts to soil at AOC 13. Soil samples were collected from each of the Phase III testing locations at depths of 0-12 fbg. Each soil sample was subsequently analyzed for ETPH, SVOCs, VOCs, metals, and /or PCBs.

ETPH and SVOCs were detected in three soil samples, SB-312a (0-2 fbg), SB-313 (0-2 fbg), and SB-313 (4-6 fbg). Additionally, SVOCs were detected in SB-333 (0-2 fbg), SB-333 (2-4 fbg), and SB-333 (6-8 fbg).

VOCs were detected in one soil sample, SB-313 (0-2 fbg) and SB-313 (2-4 fbg).

Lead was detected in one sample, SB-313 (2-4 fbg) at a concentration of 110 mg/kg. A number of other metals were also detected soil samples collected from within AOC 13 at concentrations believed to be indicative of naturally occurring concentrations.

PCBs were not detected in the Phase III soil samples collected from within AOC 13.

6.3.14 AOC 14 - Maintenance Garage / Storage Areas

ETPH, SVOC, and lead impacts to soil were previously identified at AOC 14 during Phase II testing. Phase III testing included the advancement of one soil boring, identified as SB-322, to further delineate the identified impacts to soil at AOC 14. Soil samples were collected from the Phase III testing location at depths of 0-4 fbg. Each soil sample was subsequently analyzed for ETPH and / or metals.

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ETPH was detected in each of the Phase III soil samples analyzed at concentrations ranging from 14 mg/kg to 22 mg/kg. Due to the inherent interferences associated with the DEEP approved ETPH analytical method, the reported ETPH concentrations of less than 80 mg/kg are not believed to be indicative of a release.

Phase III soil samples collected from within AOC 5 were not analyzed for SVOCs. However, supplemental soil sampling will be needed to confirm the release area limits, and it is anticipated that SVOC sampling will included subsequent to remedial actions at AOC 14.

6.3.15 AOC 15 - Pratt Building Mechanical Rooms

Results from samples collected at AOC 15 during Phase II testing indicated that further investigation was not required in this area. As such, Phase III soil samples were not collected from within AOC 15.

6.3.16 AOC 16 - Former Site Features

Former site features include a former rubbish burner, a former garage, and a former shop. ETPH and SVOC impacts to soil were previously identified at AOC 16 during Phase II testing. Phase III testing included the advancement of six soil borings, identified as SB-303 through SB-305, and SB-309 through SB-311 to further delineate the identified impacts to soil at AOC 16. Soil samples were collected from the Phase III testing locations at depths of 0-6 fbg. Each soil sample was subsequently analyzed for ETPH, SVOC, VOCs, and /or metals.

ETPH was detected in each Phase III soil sample collected from within AOC 16. ETPH was detected in two soil samples, SB-309 (0-2 fbg) and SB-309 (2-4 fbg).

Arsenic was detected in one Phase III soil sample, SB-303 (0-4 fbg), at a concentration of 11 mg/kg. A number of other metals were also detected soil samples collected from within AOC 16 at concentrations believed to be indicative of naturally occurring concentrations.

SVOCs were detected in three Phase III soil samples, SB-309 (0-2 fbg), SB-309 (2-4 fbg), and SB-310 (2-4 fbg).

VOCs were not detected in any of the Phase III soil samples collected from within AOC 16.

6.3.17 AOC 17 - Loading Docks

ETPH and SVOC impacts to soil were identified within AOC 17 during Phase II testing. Phase III testing included the advancement of five soil borings, identified as SB-317, SB-318, SB-324, SB-325, and SB-339 to further delineate the identified impacts to soil at AOC 17. Soil samples

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were collected from the Phase III testing locations at depths of 0-8 fbg. Each soil sample was subsequently analyzed for ETPH, SVOC, VOCs, and / or metals and PCBs.

There are two separate loading dock areas at the site, including the Durant Building Loading Dock, and the Administration Building Loading Dock.

Soil boring locations SB-317 and SB-318 were advanced in the vicinity of the Administration Building Loading Dock. ETPH and SVOCs were detected in two soil samples, SB-317 (0-2 fbg) and SB-317 (2-4 fbg).

Soil boring locations SB-324, SB-325, and SB-339 were advanced in the vicinity of the Durant Building Loading Dock. One SVOC, pyrene, was detected in one soil sample, SB-339 (0-2 fbg), at a concentration of 200 µg/kg. ETPH was detected in each of these samples at concentrations less than 80 mg/kg. Due to the inherent interferences associated with the DEEP approved ETPH analytical method, the reported ETPH concentrations of less than 80 mg/kg are not believed to be indicative of a release.

A number metals were detected soil samples collected from within AOC 17 at concentrations believed to be indicative of naturally occurring concentrations.

PCBs were not detected in any of the Phase III soil samples collected from within AOC 17.

6.4 Quality Assurance/Quality Control Evaluation

6.4.1 Overview

The QA/QC samples that were analyzed as part of the QA/QC measures implemented during the investigation activities included trip blank samples, equipment rinsate blank samples, and field duplicate samples. Five trip blank samples were analyzed as part of the QA/QC measures implemented during soil sampling activities. Trip blank samples were submitted along with corresponding soil samples for the analysis for VOCs.

Two equipment rinsate blank samples were collected during soil sampling activities. Equipment rinsate blank samples were collected on August 30, 2012. The equipment rinsate blank samples were analyzed for the same parameters as the corresponding field samples.

One pair of field duplicate soil samples was obtained from each of soil borings SB-339, SB-314A, and SB-313. In addition, one duplicate surface soil sample was obtained from SS-318.

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A summary of QA/QC sampling and analytical information is provided in Table 6-3. A summary of analytical data for the QA/QC blank samples is provided as Table 6-4. A summary of the analytical data for the field duplicate samples for soil is provided as Table 6-5.

6.4.2 Trip Blank Samples

No VOCs were detected in any of the trip blank samples submitted for analyses as part of the field investigation activities. Therefore, the transfer of VOCs through sample container septa during sample storage and shipping is not believed to have occurred.

6.4.3 Equipment Rinsate Blank Samples

Two equipment rinsate blank samples were submitted to Contest Laboratory and analyzed for SVOCs, PCBs and ETPH. Constituents were not detected in either sample submitted for analysis.

6.4.4 Field Duplicate Samples

Field duplicate samples are collected to assess the precision associated with the entire sample collection and measurement process. Consistency between analytical results for field duplicate samples indicates consistent field sampling, sample handling, and laboratory analytical procedures. The consistency between field duplicate pairs is measured by calculating the relative percent difference (RPD) for detected constituents in a field duplicate pair of samples when a parameter was reported at concentrations greater than two times the analytical reporting limit in both samples.

The RPD values calculated for constituents reported in soil at concentrations greater than two times the analytical reporting limit for duplicate soil samples collected from soil borings LEA-SB-313 and LEA-SB-314A ranged between 10 percent (%) and 130%. The RPD calculated for a number of constituents detected in the duplicate soil samples collected from both soil borings were outside the acceptable range of less than 50 percent (%) variability for soil samples. The compounds that were detected with RPD values outside the acceptable range included ETPH (130% at SB-313/0-2 fbg), ETPH (127% at SB-314A/0-2 fbg), benzo(a)anthracene (60% at SB-314A/0-2 fbg), and benzo(k)fluoranthene (60% at SB-314A/0-2 fbg). Usability of estimated data was addressed by using the higher of the two estimated concentrations in each duplicate pair for decision-making purposes.

For sample SB-314A/0-2 fbg, the higher of the two reported concentrations of ETPH and benzo(k)fluoranthene were found to be well below applicable RDEC numerical threshold values for these compounds. Therefore, the ETPH and benzo(k)fluoranthene data was able to be used

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to confirm that concentrations of these compounds did not exceed applicable RDEC criteria at the location of sample SB-314/0-2 fbg.

For sample SB-314A/0-2 fbg, the higher of the two reported concentrations of benzo(a)anthracene, was found to be well above the RDEC for this compound. Therefore, the resulting data was able to be used to confirm that benzo(a)anthracene concentrations at this location exceed the RDEC for this compound.

For sample SB-313/0-2 fbg, the higher of the two reported concentrations of ETPH was found to be well above applicable RDEC numerical threshold value for ETPH. Therefore, the resulting data was able to be used to confirm that ETPH concentrations at this location exceed applicable RDEC for ETPH.

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6.4.5 Data Quality Assessment and Data Usability Evaluation

The Reasonable Confidence Protocol (RCP) methods provide specific QA/QC requirements that the laboratory must follow during analysis of environmental samples and require the laboratory to report the QA/QC analytical data associated with the analysis of each sample in the laboratory report. The RCPs further require that the laboratory provide a narrative of any non-conformances for QA/QC data that were outside the acceptable limits for such data, as described in the specific RCP method.

The QA/QC analytical information and the QA/QC narrative provided by Contest in each laboratory analytical report package were assessed and evaluated by LEA in accordance with the methodology for performing Data Quality Assessments (DQAs) and Data Usability Evaluations (DUEs) described in the *Laboratory Quality Assurance Quality Control, Data Quality Assessment, Data Usability Evaluation Guidance Document* (DEEP, 2009, revised 2010). Worksheets summarizing the results of the DQA are included as Appendix D.

The DQA resulted in identifying several QA/QC deficiencies in the soil data, including potential high biases for several VOCs, SVOCs, and PCBs resulting from high percent recoveries in associated laboratory control and matrix spike samples. Additional issues that were identified during the DQA included those that resulted in elevated reporting limits as a result of dilution for several soil samples analyzed for SVOCs and ETPH due matrix interference and/or reported concentrations, which exceeded the calibration range. In addition, ETPH and a number of specific VOCs and SVOCs may have been reported with low biases as a result of low percent recoveries in laboratory control and matrix spike samples. Acetone, ETPH and naphthalene were reported with low recoveries in the laboratory control sample and matrix spike / matrix spike duplicate samples in several samples collected from soil boring locations. In general, the compounds that were affected by the potential low biases were associated with quality control recoveries that were only slightly below the acceptance criteria and the reported results were not detected above the laboratory reporting limits in the affected soil samples. The reporting limits are specified in the laboratory analytical reports provided in Appendix C.

Once the DQA of the laboratory analytical data was performed, and the quality of the analytical data was known, a DUE was performed to assess whether the quality of the data would affect its usability for the intended purpose of evaluating whether a release(s) of petroleum products or hazardous substances occurred at the Site, and for the purpose of assessing the nature and three-dimensional extent of contamination identified at the Site. It appears that the potential low reporting biases for several constituents could have resulted in either those constituents being reported as “not detected” even though the constituents may have been present in the samples, or

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those constituents being reported at a lower concentration than what may have been present in the samples.

With respect to the overall data set, however, the issues identified during the DQA did not affect the usability of the data generated during the SSI. Based on the DUE, the data were deemed to be usable for the intended purpose of evaluating whether a release(s) of petroleum products or hazardous substances occurred at the Site and for the intended purpose of assessing the nature and three-dimensional extent of contamination identified at the Site.

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7. COMPARISON OF RESULTS TO REGULATORY CRITERIA

7.1 Evaluation of Soil Results

The laboratory analytical results for soil were compared to the default, numeric criteria identified in the RSRs to provide a preliminary understanding of the potential significance of the results. A complete evaluation of the laboratory analytical results relative to the RSR criteria was completed and is appropriate following a Phase III. The specific RSR criteria to which soil results were compared include the default, numeric RDEC and the PMC applicable to areas with a groundwater classification of GAA (GA PMC). Comparing the soil results to the GA PMC is appropriate because the Site is located in an aquifer protection area, even though the Site is situated in an area classified as GB for groundwater quality (DEEP, 1996; DEEP, 2012).

The constituents detected in soil that were reported at concentrations that are above the default, numeric RDEC are presented in Table 7-1; constituents detected in soil that were reported at concentrations above the default numeric GA PMC criteria are presented in Table 7-2. These constituents are summarized below by constituent group.

Volatile Organic Compounds

No VOCs were reported to be present in soil samples at concentrations above the default, numeric RDEC. Two samples, contained concentrations of acetone which exceed the default GA PMC criteria. Soil sample SS-16 (0-0.5 fbg), contained acetone at a concentration of 22,000 µg/kg. Similarly, soil sample SB-002 (0-0.5 fbg) contained acetone at a concentration of 22,000 µg/kg.

Semivolatile Organic Compounds

A number of SVOCs were reported to be present in soil at concentrations above the default, numeric RDEC and GA PMC. The SVOCs that were reported at concentrations above the default, numeric RDEC were benzo[a]anthracene; benzo(b)fluoranthene and benzo(a)pyrene. In addition, these and a number of other SVOCs were reported at concentrations above the default, numeric GA PMC.

The AOCs and sample locations where SVOCs were reported at concentrations above the default, numeric RDEC and/or GA PMC were detected in soil samples summarized as follows:

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Area of Concern	RDEC	GA PMC
AOC 1 - Recreation Field	SB-008 (0-2 fbg)	SB-008 (0.5-2 fbg)
AOC 3 - Solid Waste Disposal Area	SB-040 (0-0.5; 0.5-2 fbg)	SB-040 (0-0.5; 0.5-2 fbg)
	SB-041 (0-0.5 fbg)	SB-041 (0-0.5 fbg)
	SB-042 (0-2.5 fbg)	SB-042 (0-2.5 fbg)
	Test Pit 2 (13 fbg)	Test Pit 2 (13 fbg)
AOC 4 - Former Oiled Gravel Driveway	SB-015 (0-2 fbg)	SB-015 (0-2 fbg)
AOC 8 - Transformers	SB-314A (0-2; 2-4 fbg)	SB-314A (0-2; 2-4 fbg)
	SS-03; SS-07; SS-08; SS-09 (all 0-0.5 fbg)	SS-03; SS-07; SS-08; SS-09 (all 0-0.5 fbg)
AOC 13 - Emergency Diesel Generator	SB-312a (0-2 fbg)	SB-312A (0-2 fbg)
	SB-313 (0-2; 4-6 fbg)	SB-313 (0-2; 4-6 fbg)
	SB-316a (0-2 fbg)	SB-316A (0-2 fbg)
	SB-333 (0-2; 2-4; 6-8 fbg)	SB-333 (0-2; 2-4; 6-8 fbg)
AOC 14 - Maintenance / Storage Areas	SB-023 (0-0.5 fbg)	SB-023 (0-0.5 fbg)
AOC 16 - Former Site Features	SB-309 (0-2; 2-4 fbg)	SB-309 (0-2; 2-4 fbg)
	SB-310 (2-4 fbg)	SB-310 (2-4 fbg)

Extractable Total Petroleum Hydrocarbons

A number of soil samples were reported to contain concentrations of ETPH above the 80 mg/kg threshold that were considered to be indicative of a release. Moreover, some of these samples were reported to contain concentrations of ETPH above the RDEC for ETPH (500 mg/kg) and/or GA PMC (500 mg/kg). These samples were obtained from soil borings advanced within AOC 1 - *Recreation Field*; AOC 13 - *Emergency Diesel Generator*; AOC 14 - *Maintenance / Storage Areas;* and AOC 16 - *Former Site Features*. A summary of the locations containing petroleum hydrocarbons at concentrations above the RDEC and/or GAPMC is provided as follows:

Area of Concern	RDEC	GA PMC
AOC 1 - Recreation Field	SB-008 (0.5-2 fbg)	SB-008 (0.5-2 fbg)
AOC 13 - Emergency Diesel Generator	SB-312a (0-2 fbg)	SB-312A (0-2 fbg)
	SB-313 (0-2; 4-6 fbg)	SB-313 (0-2; 4-6 fbg)

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AOC 14 - Maintenance /	SB-038 (0-2 fbg)	SB-038 (0-2 fbg)
AOC 16 - Former Site Features	SB-309 (0-2; 2-4 fbg)	SB-309 (0-2; 2-4 fbg)

Metals

A number of soil samples were reported to contain concentrations of lead, arsenic, and / or copper at concentrations above their respective RDEC and/or GA PMC values. These samples were obtained from soil borings advanced within AOC 7 – *Perimeter of Existing Buildings*; AOC 14 - *Maintenance / Storage Areas;* and AOC 16 - *Former Site Features*. A summary of the locations containing metals at concentrations above the RDEC and/or GA PMC is provided as follows:

Area of Concern	**RDEC**
AOC 7 Perimeter of Existing Buildings	SS-14 (0-0.5 fbg)
	SS-18 (0-0.5 fbg)
	SS-19 (0-0.5 fbg)
	SS-306 (0-0.5 fbg)
	SS-309 (0-0.5 fbg)
	SS-310 (0-0.5 fbg)
	SS-311 (0-0.5 fbg)
	SS-312 (0-0.5 fbg)
	SS-313 (0-0.5 fbg)
	SS-314 (0-0.5 fbg)
	SS-315 (0-0.5 fbg)
	SS-316 (0-0.5 fbg)
	SS-317 (0-0.5 fbg)
	SS-318 (0-0.5 fbg)
AOC 14 Maintenance / Storage Areas	SB-023
AOC-16 Former Site Features	SB-303

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Pesticides

A number of soil samples were reported to contain concentrations of pesticides at concentrations above their respective RDEC and / or GA PMC values. These samples were obtained from soil borings advanced within AOC 7 – *Perimeter of Existing Buildings*. A summary of the locations containing pesticides at concentrations above the RDEC and/or GA PMC is provided as follows:

Area of Concern	**RDEC**
AOC 7 Perimeter of Existing Buildings	SS-300 (0-0.5 fbg)
	SS-301 (0-0.5 fbg)
	SS-319 (0-0.5 fbg)
	SS-21 (0-0.5 fbg)
	SS-302 (0-0.5 fbg)
	SS-305 (0-0.5 fbg)

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8. PHASE III CONCLUSIONS AND UPDATED CONCEPTUAL SITE MODEL

LEA has performed a Phase III SSI of the property identified as the former Mystic Oral School for the Deaf located in Groton, Connecticut. The Phase III SSI activities were conducted to further delineate identified impacts to soil beneath the Site, and to evaluate the concentrations of constituents in soil relative to applicable standards and criteria provided in the RSRs. The suspected release mechanisms, contaminant migration pathways, potentially affected environmental media, and constituents of concern for each AOC at the Site were re-evaluated based on the results of the Phase III SSI conducted in August 2013, and are summarized as an updated CSM provided in Table 8-1. Based on the results and this re-evaluation, the Site has been adequately characterized with regard to the nature and extent of releases associated with each AOC to allow for an evaluation of possible remedial alternatives. Additional soil sampling will be necessary to confirm the limits of soil contamination and to assess groundwater quality at the Site. Additional required sampling will most likely be performed in conjunction with future remediation activities. A summary of the updated CSM is provided as follows:

8.1 AOC 1 – Recreation Field

ETPH and SVOC impacts to soil were identified within AOC 1 at the location of soil boring SB-008 at concentrations above their respective RDEC values during Phase II testing. Phase III sampling results confirmed that the identified impacts to soil at AOC 1 are associated with a limited and discrete release area at the location of soil boring SB-008, rather than widespread impacted fill material. Identified releases at AOC 1 have been delineated, and the approximate limits of impacts to soil that will likely require remediation are shown on Drawing 8-1.

8.2 AOC 2 – Fire Training Area

Acetone was detected in soil at the location of soil boring SB-002 at concentrations above the RDEC for acetone during Phase II testing. Phase III sampling results confirmed that the identified impacts to soil at AOC 2 are associated with a limited and discrete release area at the location of soil boring SB-002. The identified acetone impacts to soil at AOC 2 are believed to possibly be associated with historical use of accelerants at the Fire Training Area.

Lead impacts to soil were identified within AOC 2 at the location of soil boring MW-01 during Phase II testing at concentrations below the RDEC for lead. Phase III sampling results confirmed that the identified lead impacts to soil at AOC 2 are below the RDEC value for lead of 400 mg/kg. Additional investigation of lead impacts to soil at AOC does not appear to be warranted.

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Identified releases at AOC 2 have been delineated, and the approximate limits of impacts to soil that will likely require remediation are shown on Drawing 8-1.

8.3 AOC 3 – Solid Waste Disposal Area

SVOC impacts to soil were identified within AOC 3 at multiple sampling locations at concentrations above their respective RDEC values during Phase II testing. Phase III sampling results confirmed that the identified impacts to soil at AOC 3 are associated with impacted fill material that was deposited at this AOC. Identified releases at AOC 3 have been delineated, and the approximate limits of impacts to soil that will likely require remediation are shown on Drawing 8-1.

8.4 AOC 4 – Former Oiled Gravel Driveway

SVOC impacts to soil were identified within AOC 4 at the location of soil boring SB-015 at concentrations above their respective RDEC values during Phase II testing. The identified impact is believed to be associated with the asphalt driveway. Identified releases at AOC 4 have been substantially delineated. As such, Phase III sampling was not performed at AOC 4. Confirmatory sampling will be needed subsequent to remedial actions at AOC 4. The approximate limits of impacts to soil that will likely require remediation are shown on Drawing 8-1.

8.5 AOC 5 – Former and Existing USTs

Due to the presence of shallow bedrock at various locations throughout the Site, Phase II and Phase III testing performed in the vicinity of the existing USTs was not sufficient to confirm whether the presence of the existing USTs have resulted in releases at the Site. In order to provide ultimate assurance that those potential impacts to soil at concentrations exceeding RDEC numerical threshold values have been identified and remediated, removal of existing UST systems will likely be needed. Acetone impacts were detected at the location of a former gasoline UST at concentrations above the RDEC for acetone. Due to access limitations, Phase III sampling at AOC 5 was limited. However, identified releases at AOC 5 will be fully delineated subsequent to remedial actions at the Site.

8.6 AOC 6 – Existing Heating Oil Aboveground Storage Tanks

Impacts to soil were not identified in the vicinity of the aboveground storage tanks at the Rainbow House and the Maintenance garage during Phase II testing. As such, Phase III investigation was not warranted at AOC 6.

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8.7 AOC 7 – Perimeter of Existing Buildings

Lead and pesticide impacts to soil were identified within AOC 7 at the locations of numerous soil borings surrounding the Administration, Girls wing, Boys wing, Rainbow House garage and Woodshed buildings at concentrations above RDEC numerical threshold values for these substances. The identified lead and pesticide impacts are likely associated with historical chipping of lead based paint on window frames, and historical application of pesticides surrounding the building foundations. Identified releases at AOC 7 have been delineated, and the approximate limits of impacts to soil that will likely require some form of remediation are shown on Drawing 8-1.

8.8 AOC 8 – Electrical Transformers

Subsequent to Phase II testing, it was determined that supplemental soil sampling was needed at the locations of an exterior pad-mounted electrical transformers located adjacent to the southeast side of the Pratt Building. Based on Phase III soil testing, releases were not identified at the location of this transformer.

ETPH and SVOC impacts to soil were identified in the vicinity of the Emergency Generator. Based on the results of Phase III sampling, SVOCs are present in soil in the vicinity of the generator at concentrations above their respective RDEC values. Identified releases at AOC 8 have been delineated, and the approximate limits of impacts to soil that will likely require some form of remediation are shown on Drawing 8-1. For planning purposes, releases at AOC 8 have been included in recommended remedial actions at AOC 13.

8.9 AOC 9 – Crouter Building

Impacts to soil were not identified in the vicinity of the Crouter Building during Phase II testing. As such, Phase III investigation was not warranted at AOC 9.

8.10 AOC 10 – Administration Building and Girls Wing Boiler Room

Subsequent to Phase II testing, it was determined that supplemental soil investigation was needed to evaluate whether releases have occurred at the location of the boiler room of the Administration building. Phase III testing conducted at AOC 10 identified ETPH and SVOC impacts to soil at concentrations below RDEC criteria. However, supplemental soil sampling will be needed to confirm the release area limits, and it is anticipated that such sampling will be performed concurrent with remedial actions at the Site.

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8.11 AOC 11 – Administration Building Storage Rooms and Photography Lab

Impacts to soil were not identified in the vicinity of the Administration Building Storage Rooms and Photography Lab during Phase II testing. As such, Phase III investigation was not warranted at AOC 11.

8.12 AOC 12 – Hydraulic Elevators

Due to the presence of adjacent building foundations and structural elevator components, LEA was unable to access soil within AOC 12. Although the lack of sampling within this AOC represents a data gap, based on the nature of the AOC, and the apparent depth of underlying bedrock, this data gap would not be expected to significantly affect the overall project findings and / or recommendations for remedial action.

8.13 AOC 13 – Emergency Diesel Generator

ETPH and SVOC impacts to soil were identified within AOC 13 at various locations during Phase II testing. Phase III sampling results confirmed that identified impacts to soil at AOC 13 are likely associated with 1) surficial releases of diesel fuel at the generator location; and 2) the presence of impacted fill material. Identified releases at AOC 13 release have been delineated, and the approximate limits of impacts to soil that will likely require some form of remediation are shown on Drawing 8-1.

8.14 AOC 14 – Maintenance / Storage Areas

ETPH impacts to soil were identified within AOC 14 at concentrations exceeding the RDEC value for ETPH during Phase II testing. Phase III sampling results confirmed that identified impacts to soil at AOC 14 are likely associated with historical uses of these areas for petroleum storage. Identified releases at AOC 14 release have been delineated, and the approximate limits of impacts to soil that will likely require some form of remediation are shown on Drawing 8-1.

8.15 AOC 15 – Pratt Building Mechanical Rooms

Impacts to soil were not identified in the vicinity of the Pratt Building Mechanical Rooms during Phase II testing. As such, Phase III SSI was not warranted at AOC 15.

8.16 AOC 16 – Former Site Features

ETPH and SVOC impacts to soil were identified within AOC 16 (vicinity of emergency generator and former garage) during Phase II testing. Based on Phase III sampling results, identified impacts to soil at AOC 16 are likely associated with either 1) surficial releases of

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diesel fuel at the emergency generator location; 2) the presence of impacted fill materials; or 3) the historical use and storage of petroleum products at the former garage structure.

Arsenic impacts to soil were identified within AOC 16 (vicinity of the former rubbish burner) during Phase III testing locations. Supplemental soil sampling will be needed to confirm the release area limits at AOC 16, and it is anticipated that such sampling will be performed concurrent with remedial actions at the Site. Identified releases at AOC 16 release have been delineated, and the approximate limits of impacts to soil that will likely require some form of remediation are shown on Drawing 8-1.

8.17 AOC 17 – Loading Docks

ETPH and SVOC impacts to soil were identified within AOC 17 (vicinity of the Durant Building) during Phase II and Phase III testing. Based on Phase III sampling results, identified impacts to soil at AOC 17 were found to be below RDEC values for detected compounds of concern.

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9. RECOMMENDATIONS

In preparing these recommendations, LEA understands that the site investigation and remediation activities are needed to facilitate a future Site ownership transfer (sale) as a "cleaned" Site, pursuant to Connecticut Public Act 11-1, Section 24(c). Although the term "cleaned Site" is not defined in Public Act 11-1, Section 24(c), based on LEA's recent communications with DECD, we understand that the term "cleaned Site", for this project, means that "*remaining concentrations of contaminants of concern in soil shall be within established Residential Direct Exposure Criteria (RDEC) and GA Pollutant Mobility Criteria (GA PMC) contained within the DEEP's Remediation Standard Regulations (RSRs).*" Therefore, based on the Phase III soil data collected at the Site, soil remediation will be needed within a number of the identified AOCs (further discussed below). Given the limited and discrete nature of the identified release areas, LEA recommends excavation and off-site disposal as the preferred remedial approach for addressing impacted soil at the Site. Remediation cost estimates have been provided under separate cover, and are generally based on unit costs associated with excavation, transportation, and off-site disposal of impacted soil at approved disposal facilities.

9.1 AOC 1 – Recreation Field

Soil remediation is recommended at AOC 1 to address ETPH and SVOC impacts to soil within an approximate 400 square foot area at depths of 0 to 2 fbg.

9.2 AOC 2 – Fire Training Area

Soil remediation is recommended at AOC 2 to address VOC impacts to soil within an approximate 400 square foot area at depths of 0 to 2 fbg.

9.3 AOC 3 – Solid Waste Disposal Area

Soil remediation is recommended at AOC 3 to address ETPH and SVOC impacts to soil within an approximate 21,000 square foot area at depths of up to 16 fbg.

9.4 AOC 4 – Former Oiled Gravel Driveway

Soil remediation is recommended at AOC 4 to address SVOC impacts to soil within an approximate 400 square foot area at depths of 0 to 2 fbg.

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9.5 AOC 5 – Former and Existing USTs

Based on recent communications with DECD, LEA understands that removal of existing USTs will be needed to satisfy the overall remediation needs at the Site, ensuring the transfer of a "cleaned" Site. As such LEA recommends removal of the three existing 10,000-gallon heating oil USTs.

9.6 AOC 7 – Perimeter of Existing Buildings

Soil remediation is recommended at AOC 7 to address metals and pesticide impacts to soil within an approximate 6,000 square foot area at depths of up to 3 fbg.

9.7 AOC 10 – Administration Building and Girls Wing Boiler Room

Soil remediation is recommended at AOC 10 to address ETPH and SVOC impacts to soil within an approximate 300 square foot area at depths of 0 to 2 fbg.

9.8 AOC 13 – Emergency Diesel Generator

Soil remediation is recommended at AOC 13 to address ETPH and SVOC impacts to soil within an approximate 12,000 square foot area at depths of 0 to 12 fbg.

9.9 AOC 14 – Maintenance / Storage Areas

Soil remediation is recommended at AOC 14 to address ETPH impacts to soil within an approximate 300 square foot area at depths of 0 to 2 fbg.

9.10 AOC 16 – Former Site Features

Soil remediation is recommended at AOC 16 to address arsenic impacts to soil within an approximate 400 square foot area at depths of 0 to 2 fbg.

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TABLES

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FIGURES

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APPENDIX A

Geologic Boring Logs

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APPENDIX B

Well Completion Logs

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APPENDIX C

Laboratory Analytical Reports
(See the Attached CD-Rom File)

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APPENDIX D

Data Quality Assessment Worksheet

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Table 2-1
SUMMARY OF BUILDING INFORMATION
240 Oral School Road, Mystic Connecticut

Loureiro
Engineering • Construction • EH&S • Energy • Waste

Building Name	Construction Material	Year Constructed	Number of Floors	Building Footprint (square feet)
Administration Building / Boys Wing	Masonry	1938	4	69,658
Girls Wing	Masonry	1938	4	28,711
Whipple Building	Masonry	1968	2	24,458
Crouter Building	Masonry	1958	1	7,588
Rainbow House	Wood	1928	2 (w/ attic and basement)	2,480
Rainbow House Garage	Wood	1928	1	Not Available
Durant Building	Masonry	1973	3	58,233
Maintenance Building	Masonry Brick	1969	1	1,276
Wood Shed	Wood	1930	1	720
Pratt Building	Masonry	1975	2	40,000

Table 4-1
PRELIMINARY CONCEPTUAL SITE MODEL / PHASE II/III SUBSURFACE INVESTIGATION ACTIVITIES
Former Mystic Oral School for the Deaf, Groton, Connecticut

Area of Concern	Description & Background	Potential Contaminant Sources and Migration Pathways	Constituents of Concern	Summary of Investigation	Summary of Initial Phase II Investigation Activities	Conclusions of Initial PhaseII Investigation Activity Results, Preliminary Comparison to RSR Criteria, Recommended Scope of Work
AOC 1 Recreation Field	This area of the Site was used historically to grow crops. Several small buildings associated with farming activities were formerly located within this AOC. This area of the Site has also been used as a baseball diamond and a football field. Fill material has reportedly been placed in the area of this field to maintain its playing condition.	Pesticides and herbicides may have been historically applied to the ground in this area of the Site. Constituents that comprise the pesticides and herbicides may have resulted in contamination of surface soils and may have migrated to the deeper soils and groundwater. In addition, any constituents that may have been present in contaminated fill placed in this area of the Site may have leached from the fill due to infiltrating precipitation and may have migrated to deeper soils and possibly groundwater.	VOCs, PAHs, ETPH, Metals, Pesticides, Herbicides,	Soil Borings SB-004, SB-005, SB-008	A sample collected from 0.5-2.0 fbg at SB-008 contained ETPH at a concentration of 1000 mg/kg and multiple PAHs at concentrations exceeding RSR criteria. ETPH was also detected in SB-004 at a concentration of 290 mg/kg. The presence of ETPH and PAHs can be likely attributed to one of two reasons. The first possibility is the result of a localized spill, such as gasoline or oil being spilled while re-filling a gas-powered lawn mower or tractor. The second possibility is that contaminated fill was spread throughout the area to create a level recreation field.	Additional samples are required in this AOC to determine if the constituents detected are a result of an isolated spill or the placement of contaminated fill throughout the field.
AOC 2 Fire Department Training Area and Area of Fill	The 0 Oral School Road parcel located on the western portion of the Site is the former location of the Cook's House. This parcel is currently used as a fire fighting training center. The former Cook's House was destroyed in a fire during fire fighting training exercises. Fill material has been placed within this AOC, generally in the vicinity of the paved parking lot.	Hazardous substances and/or petroleum products may have been released to the ground as a result of fire fighting training exercises. Constituents could initially impact and penetrate the surface soil or asphalt pavement and/or migrate toward cracks in the pavement or areas surrounding the pavement. The constituents could possibly migrate to the underlying soil and groundwater. In addition, any constituents that may have been present in contaminated fill placed in this area of the Site may have leached from the fill due to infiltrating precipitation or water generated during fire fighting exercises, and may have migrated to deeper soils and possibly groundwater.	VOCs, PAHs, ETPH, PCBs, Metals	Soil Borings SB-001, SB-002, SB-003, MW-01 Monitoring Well MW-01	Lead was detected in a soil sample taken at MW-01, 2-4 fbg at concentration of 170 mg/kg. Acetone, an accelerant that may have been used in fire training exercises, was detected in SB-002 0-0.5 fbg at a concentration of 22,000 ug/kg. Mutliple PAHs, known byproducts of combustion, were detected at concentrations ranging from 200 - 900 ug/kg in a soil sample taken from SB-003 0.5-2 fbg.	To determine the extent of elevated lead as well as elevated acetone levels in this area, additional sampling is required.
AOC 3 Solid Waste Disposal Area	The area located north of the entrance to the Pratt Building has been used as a disposal area for scrap metal, wood, asphalt, bricks, and other solid waste.	The bulky waste does not pose a direct risk to human health, however constituents of concern could leach from the waste materials and could infiltrate soil and possibly migrate to groundwater.	VOCs, PAHs, ETPH, PCBs, Metals, Pesticides	Soil Borings SB-040, SB-041, SB-042, SB-043	Benzo(a)anthracene, benzo(b)fluoranthene and benzo(a)pyrene were detected at concentrations exceeding RSR criteria from soil samples taken in the top 2 fbg at locations SB-040, SB-041 and SB-042.	The make-up and physical extent of this area are not known for certain. In order to help us better understand this AOC, additional sampling and test pit excavation is required.
AOC 4 Former Oiled Gravel Driveway	This driveway located north of the Girls Wing was formerly identified as an "Existing Oiled Gravel Driveway." Used oil would have been applied to the gravel driveway to control dust.	Constituents within used oil applied to the driveway could have penetrated the surrounding and underlying soil and possibly migrated to deeper soils and groundwater.	PAHs, ETPH, PCBs, Metals	Soil Borings SB-014, SB-015, SB-016	ETPH along with several PAHs were detected at elevated levels in the soil sample collected from SB-015. ETPH was detected at levels below 80 mg/kg in samples collected from SB-014 and SB-016 and only one PAH (phenanthrene) was detected in both these samples.	The high levels of ETPH and PAHs in the sample collected form SB-015 are not concerning, and are most likely an artifact of the
AOC 5 Former and Existing Underground Storage Tanks	A number of USTs have been used at the Site to store heating oil. One heating oil UST has been abandoned-in place and four other heating oil USTs have been removed from the Site. In addition, one UST formerly used to store gasoline was removed from the Site. A diesel fuel UST associated with the Emergency Generator was also removed from the Site. Existing heating oil USTs at the Site include three 10,000-gallon USTs. Releases of petroleum hydrocarbons associated with USTs at the Site have previously been reported. While the laboratory analytical data for samples collected following response actions taken to address these releases indicate that the impacts have been cleaned-up, there may have been other UST releases that have not been addressed.	Constituents in heating oil have spilled to the ground surface during filling operations. Releases could result from overfilling, and/or leaks in the tanks and appurtenant piping. Substances that may have been released at the ground surface could initially impact and penetrate the surface soil or asphalt pavement and/or migrate toward cracks in the pavement or areas surrounding the pavement. Constituents could then migrate to the underlying soil and possibly to groundwater. Substances that may have been released below the ground surface could migrate through the soil and could potentially impact groundwater.	VOCs, PAHs, ETPH	Soil Borings SB-022, SB-032, SB-033, SB-044, SB-063	Although samples were collected from borings surrounding these USTs, soil borings were stopped short of their target depth due to refusal.	Additional soil borings needed around the UST locations. Samples will be collected for analysis starting 10 fbg. If a spill occurred, the soil below the USTs will most likely be affected. 10 fbg is a conservative estimate of the depth to the bottom of a UST at the Site, and therefore is the depth at which we will begin to collect samples.
AOC 6 Aboveground Storage Tanks	There are two existing 275-gallon heating oil ASTs maintained at the Site. One AST is located in the basement of the Rainbow House, and the other is located in the Maintenance Garage. The concrete floors beneath each tank were observed to be stained with oil.	Releases of petroleum products may have occurred during transfer and storage. Releases during filling could result from overflows at the exterior fill ports and tank vents. Releases during storage could result from leaks in the tanks and appurtenant piping. Releases of petroleum products within the buildings could have resulted in substances penetrating the concrete slab, and/or migrating through cracks or joints in the slab. These substances could then migrate to the underlying soil and possibly to groundwater.	VOCs, PAHs, ETPH	Soil Borings SB-039, SB-054	Constituents of concern were not detected in either of the samples collected in this AOC. The absence of constituents in these samples indicates that a release has not impacted the soil in this AOC.	Further investigation in this area is not warranted.
AOC 7 Perimeter of Existing Buildings	Given the age of the Site buildings and apparent extended use of pesticides and herbicides to control pests and weeds, the possibility of contamination in the shallow soils exists as a result of the application of these substances. Pesticides and herbicides would have typically been applied to the ground surface along the perimeter of buildings. Also, given the age of the site buildings it is possible that lead-based paint was applied to the exterior of the buildings. Any lead-based paint that leached from weathered window frames or other exterior wood building components, or that peeled from exterior concrete block, may have resulted in the release of lead to shallow soil. Evidence that paint had leached from the window frames was visually observed during the Phase I ESA activities	Constituents in pesticides and herbicides may have migrated through surface soils to deeper soils and possibly to groundwater where they were applied. In addition, any lead-based paint applied to wooden window frames may have impacted surface soils and leached from these soils due to infiltrating precipitation thereby affecting deeper soils and possibly groundwater.	Pesticides, Herbicides, Lead	Soil Samples SS-13 through SS-21 Soil Borings SB-022, SB-023	Chlordane was detected in SS-21, located around the Crouter Building, at a concentration of 210 ug/kg. Lead was detected near the Adminitration building at SS-14 (470 mg/kg), SS-18 (730 mg/kg) and near the Wood Shed at SS-19 (570 mg/kg).	Additional surface samples will be needed along the perimeter of Crouter Building, to determine the extent of soil that may have been impacted with pesticides. Additionally, more samples will be needed around older buildings, or buildings which may have been painted with lead based paints. All samples collected will need to be analyzed for metals and pesticides.

Table 4-1
PRELIMINARY CONCEPTUAL SITE MODEL / PHASE II/III SUBSURFACE INVESTIGATION ACTIVITIES
Former Mystic Oral School for the Deaf, Groton, Connecticut

Area of Concern	Description & Background	Potential Contaminant Sources and Migration Pathways	Constituents of Concern	Summary of Investigation	Summary of Initial Phase II Investigation Activities	Conclusions of Initial PhaseII Investigation Activity Results, Preliminary Comparison to RSR Criteria, Recommended Scope of Work
AOC 8 Transformers	Three exterior, wet-type electrical transformers are situated upon concrete pads. Dielectric fluids within the transformers may contain PCBs, or at one time may have contained PCBs. No stains were observed on the concrete pads.	Dielectric fluid contained within the transformers may have leaked onto the concrete pads. The fluid could have migrated toward cracks in the concrete or toward areas surrounding the pads. The fluids could then migrate to the underlying soil and possibly to groundwater.	ETPH, PCBs	Soil Samples SS-01, SS-02, SS-03, SS-07, SS-08, SS-09	Surface soil samples taken at SS-07, SS-08 and SS-09 have ETPH detects at 160, 450 and 390mg/kg, respectively. All three also have exceedances applicable RSR criteria for soil of benzo(a)anthracene, benzo(b)fluoranthene and benzo(a)pyrene.	Additional soil borings are needed around this transformer. Soil borings are also needed in the vicinity of two other transformers that, so far, have not been adequately investigated.
AOC 9 Crouter Building	This building was used for classroom space, a carpentry shop, a paint room/spray paint booth, an internal combustion engine laboratory, and a gymnasium. The building is currently used to store equipment and materials including empty containers of hydrochloric acid. Areas of the floor within the internal combustion engine laboratory were observed to be stained.	Hazardous substances and petroleum products may have spilled to the concrete floor of the building and may have migrated through the floor or through cracks in the floor, thereby impacting underlying soils.	VOCs, PAHs, ETPH, Metals	Soil Borings SB-009, SB-010, SB-011, SB-012, SB-062	Samples collected from borings advanced within the Crouter building do not contain elevated levels of any of the constituents of concern. There is no indication that a release of hazardous materials has occurred in this building.	Further investigation in this area is not warranted.
AOC 10 Administration and Girls Wing Boiler Rooms	The boilers within the Administration Building and the basement of the Girls Wing are used to provide steam and hot water. The boilers are fueled using No. 4 heating oil, but had previously been fueled using No. 6 heating oil and pre-heaters. Originally, the boiler within the Girls Wing was fueled using coal. A coal chute was located along the Boiler Room east wall. A release of heating oil was reported to have occurred within the Boiler Room of the Administration Building. The release resulted in the migration of heating oil across the floor into the Boiler Room sump. In addition, boiler blow down water that is discharged on a daily basis to the sump was historically discharged through the concrete floor of this room.	Releases of hazardous substances or petroleum products could have resulted from the daily discharge of boiler blow down water. Releases of petroleum products within the building could have resulted in substances traveling through the existing sump and/or penetrating the concrete slab, and/or migrating through the cracks or joints in the slab. These substances could then migrate to the underlying soil and possibly to groundwater.	VOCs, PAHs, ETPH, Metals	Soil Borings SB-048, SB-049, SB-050, SB-051, SB-058	Samples collected from SB-045, a borings advanced in the Adminitration wing boiler room, contained PAHs concentrations ranging from 220 ug/kg to 380 ug/kg.	Additional investigation is required to determine the extent of PAHs present in soil in the Administration wing boiler room. Soil sampling is required in the Girls wing boiler room, an area that has not yet been adequately investigated.
AOC 11 Administration Building Storage Rooms and Photography Lab	The storage rooms within the Administration Building include the Janitor Room, which was observed to contain a number of chemical cleaning products. The floor of this room was observed to be stained. The photography lab located on the ground floor of the Boys Wing was observed to be constructed of cinder block. The floor within this laboratory appeared to be in relatively good condition. No staining was observed. A drain located within this room was reported to be connected to the on-site wastewater discharge system.	Hazardous substances spilled to the floor of the building may have migrated through the floor drain piping or concrete slab and/or may have migrated through cracks or joints in the slab. These substances could then migrate to the underlying soil and possibly to groundwater.	VOCs, PAHs, ETPH, Metals, Cyanide	Soil Borings SB-052, SB-053, SB-059, SB-061	ETPH was detected at a low concentrations in the samples collected from this AOC. It is not likely that a release of hazardous materials has occurred in this area.	Further investigation in this area is not warranted.
AOC 12 Hydraulic Elevators	Two hydraulically-powered elevators exist within the Administration Building: a passenger elevator is located within the central part of the Administration Building, and a freight elevator is located adjacent to the loading dock within this building and was formerly used to deliver goods to the kitchen located on the second floor. In addition, one pulley-operated elevator is located within the Boiler Room of the Administration building. The concrete floor was stained near the hydraulic reservoir of the freight elevator located adjacent to the loading dock of the Administration building.	Releases of petroleum products and/or hazardous substances could have resulted from past use of the elevators. Stains on the concrete floor adjacent to the hydraulic reservoir is evidence that hydraulic oil may have been resulted in impacts to underlying soil. Hydraulic oil released to the floor may have penetrated the floor and/or may have migrated through cracks or joints in the concrete slab floor and may have affected the underlying soil.	VOCs, PAHs, ETPH, PCBs, Metals	Soil Boring SB-045	Several PAHs were detected at concentrations ranging from 220 to 380 ug/kg in a sample collected 0-2 fbg at SB-045.	Additional borings will be required to determine if a release has occurred in this area.
AOC 13 Emergency Generator	An Emergency Generator is located in the parking area north of the Administration Building. This generator provides back-up power to the Administration Building. The reported release of approximately 150 to 200 gallons of diesel oil to the ground in the area of the Emergency Generator may have impacted subsurface soil. In addition, there may have been other releases of diesel oil from the UST formerly located in this AOC.	Diesel oil may have been released directly to the soil from a leak in the UST or subsurface piping. Oil released to the ground may have migrated through shallow soil and impacted subsurface soils.	VOCs, PAHs, Metals, ETPH	Soil Borings SB-034, SB-035, MW-03 Monitoring Well MW-03	ETPH was detected at a concentration of 250 mg/kg in a soil sample collected at MW-01. SS-07, SS-08 and SS-09 have ETPH detects at 160, 450 and 390mg/kg, respectively. Elevated levels of PAHs, indicative of an oil release were detected in samples collected from SS-07, SS-08, SS-09, SB-034 and SB-035,. The concentrations of these PAHs range from 210 ug/kg to 590 ug/kg.	Additional borings surrounding this emergency generator will be required to determine the extent of oil released in this area.
AOC 14 Maintenance Garage / Storage Areas	A heating oil furnace and associated 275-gallon heating oil AST is located along the southern wall of the Maintenance Garage. Gasoline is stored in this building. The garage is used to perform routine maintenance on power and other equipment. Several containers of liquid waste are stored in the Wood Shed. Waste oils and waste gasoline were observed to be stored on a containment pallet in this shed. Also, the concrete floor of this shed was observed to be heavily stained with oil.	Releases of petroleum products may have occurred during transfer and storage. Releases during filling could result from overflows at the exterior fill ports and tank vents. Releases during storage could result from leaks in the tanks and appurtenant piping. Releases of petroleum products within the building could have resulted in substances penetrating the concrete slab, and/or migrating through cracks or joints in the slab. These substances could then migrate to the underlying soil and possibly to groundwater. If the paint contained metals or PCBs, then flakes of paint could have accumulated on and impacted the ground surface beneath the garage.	VOCs, PAHs, ETPH, PCBs, Metals	Soil Borings SB-023, SB-037, SB-038	ETPH was detected at a concentration of 570 mg/kg in SB-038 which had been advanced in the Wood shed. Naphthalene and phenanthrene were also detected in this sample at 270 and 250 ug/kg. The concentration of ETPH exceeds applicable RSR criteria. Constituents were not detected at levels indicative of a release in the samples collected from within the maintenance garage.	Additional sample is required to delineate the extent of the oil release within the Wood shed. Although no constituents were detected at levels indicative of a release in samples collected in the maintenance garage, additional investigation is required in this building as well.

Table 4-1
PRELIMINARY CONCEPTUAL SITE MODEL / PHASE II/III SUBSURFACE INVESTIGATION ACTIVITIES
Former Mystic Oral School for the Deaf, Groton, Connecticut

Area of Concern	Description & Background	Potential Contaminant Sources and Migration Pathways	Constituents of Concern	Summary of Investigation	Summary of Initial Phase II Investigation Activities	Conclusions of Initial PhaseII Investigation Activity Results, Preliminary Comparison to RSR Criteria, Recommended Scope of Work
AOC 15 Pratt Building Mechanical Rooms	The Pratt Building Mechanical Rooms include the boiler room and the pool chemical supply room. The floor of the boiler room was observed to be stained in several areas. The pool chemical supply room was formerly used to add chlorine to circulated pool water and to back-flush the pool water. The floor of this room was also observed to be stained. The staining that was observed is typical for the mechanical functions served by these rooms.	Releases of hazardous substances or petroleum products could initially impact and penetrate the floor, and/or migrate toward joints and/or cracks in the floor. These substances could subsequently migrate to underlying soil and groundwater.	VOCs, PAHs, ETPH, Metals	Soil Borings SB-055, SB-056	Several metals were the only constituents detected in samples collected from this AOC. The concentrations of these metals are not indicative of a release.	Further investigation in this area is not warranted
AOC 16 Former Site Features	The Former Rubbish Burner, Shop, and Garage were located north of the driveway/parking area that is north of the Administration Building.	Hazardous substances or petroleum products may have been released during historic use of the former Rubbish Burner, Shop, and Garage. Substances released at the ground surface could initially impact and penetrate the surface soil or asphalt pavement and/or migrate toward cracks in the pavement or areas surrounding the pavement. Substances could then migrate to subsurface soil and possibly to groundwater. If the Rubbish Burner was an in-ground rubbish burner, then substances could have been released directly to subsurface soil.	VOCs, PAHs, ETPH, PCBs, Metals, Pesticides, Herbicides	Soil Borings SB-006, SB-007, MW-02 Monitoring Well MW-02	Soil collected from 0-0.5 fbg at SB-007 contained ETPH at a concentration of 450 mg/kg as well as multiple PAHs ranging in concentration from 200 ug/kg to 770 ug/kg. PAHs were also detected at similar concentrations in soil collected 0-0.5 fbg at MW-02. These levels indicate that a release may have occurred in this area.	Additional sampling is needed to delineate the extent of elevated ETPH and PAHs in this area. Sampling is also needed in the area of the former rubbish burner, as this area has not been adequately investigated yet.
AOC 17 Loading Docks	The loading docks at the Site were used to receive goods and materials, including small quantities of chemicals, delivered to the Administration Building and the Durant Building. Loading docks are considered AOCs because they are likely areas for the handling of raw materials, chemical products, and wastes. Any product used within the facility is a constituent of concern at a loading dock. The loading docks did not appear to be stained.	Releases of hazardous substances or petroleum products could initially impact and penetrate the concrete docks or adjacent asphalt pavement and/or migrate toward cracks in the concrete or pavement or toward areas surrounding the pavement. These substances could then migrate to the underlying soil and possibly to groundwater.	VOCs, PAHs, ETPH, Metals	Soil Boring SB-028	ETPH and phenanthrene were found in SB-028 4-6 fbg at concentrations of 200 mg/kg and 450 ug/kg, respectively. Additional investigation is needed for this AOC. The concentrations of these constituents indicate the possibility of a release in this area.	Additional sampling is needed in both loading dock areas to adequately investigate any potential releases.

Abbreviations
AOC: Area of Concern
AST: Aboveground Storage Tank
ETPH: Extractable Total Petroleum Hydrocarbons
MW: Monitoring Well
PAHs: Polynuclear Aromatic Hydrocarbons
PCBs: Polychlorinated Biphenyls
SB: Soil Boring
UST: Underground Storage Tank
VOCs: Volatile Organic Compounds

Table 5-1
SOIL SAMPLING AND ANALYTICAL INFORMATION
Former Mystic Oral School for the Deaf

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	LEAAnalyt. Lab.	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
MW-01	1273755	01/24/2013	0 - 2	SB								
MW-01	1273756	01/24/2013	2 - 4	SB		x	x		x	X	X	
MW-01	1273757	01/24/2013	4 - 6	SB								
MW-01	1273758	01/24/2013	6 - 8	SB								
MW-01	1273759	01/24/2013	8 - 10	SB		x	x		x	x	X	
MW-01	1273760	01/24/2013	10 - 12	SB								
MW-02	1273775	01/24/2013	0 - 0.5	SB		x	X	x	x	X	X	
MW-02	1273776	01/24/2013	0.5 - 2.0	SB								
MW-02	1273777	01/24/2013	2 - 4	SB								
MW-02	1273778	01/24/2013	4 - 6	SB		x	x		x	x	X	
MW-02	1273779	01/24/2013	6 - 8	SB								
MW-02	1273780	01/24/2013	8 - 10	SB								
MW-03	1273829	01/28/2013	0 - 2	SB								
MW-03	1273830	01/28/2013	2 - 4	SB		x	x			X		
MW-03	1273831	01/28/2013	4 - 6	SB		x	x			X		
MW-03	1273832	01/28/2013	6 - 8	SB								
MW-03	1273833	01/28/2013	8 - 10	SB								
MW-03	1273834	01/28/2013	10 - 12.4	SB								
SB-001	1273750	01/24/2013	0 - 2	SB		X	x		x	X	X	
SB-001	1273751	01/24/2013	2 - 4	SB								
SB-001	1273752	01/24/2013	4 - 6	SB		x	x		x	x	X	
SB-001	1273753	01/24/2013	6 - 8	SB								
SB-001	1273754	01/24/2013	8 - 9	SB								
SB-002	1270649	01/24/2013	0 - 0.5	SB		X	x		x	X	X	
SB-002	1270650	01/24/2013	0.5 - 2	SB								
SB-003	1273768	01/24/2013	0 - 0.5	SB		x	X		x	X	X	
SB-003	1273769	01/24/2013	0.5 - 2.0	SB		x	X		x	X	X	
SB-004	1273744	01/24/2013	0 - 0.5	SB		x	x		x	X	X	
SB-004	1273745	01/24/2013	0.5 - 2	SB								
SB-005	1273770	01/24/2013	0 - 0.5	SB		x	x	x	x	X	X	
SB-005	1273771	01/24/2013	0.5 - 2.0	SB		x	x	x	x	X	X	
SB-005	1273772	01/24/2013	2 - 4	SB								

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	LEAAnalyt. Lab.	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SB-005	1273773	01/24/2013	4 - 6	SB		x	x		x	x	X	
SB-005	1273774	01/24/2013	6 - 8	SB								
SB-006	1273746	01/24/2013	0 - 0.5	SB		x	x		x	X	X	
SB-006	1273747	01/24/2013	0.5 - 2	SB								
SB-007	1273748	01/24/2013	0 - 0.5	SB		X	X		x	X	X	
SB-007	1273749	01/24/2013	0.5 - 2	SB								
SB-008	1273781	01/24/2013	0 - 0.5	SB		x	x	x	x	X	X	
SB-008	1273782	01/24/2013	0.5 - 2.0	SB		x	X		x	X	X	
SB-008	1273783	01/24/2013	2 - 4	SB								
SB-009	1273863	01/29/2013	0 - 1	SB		x	x			x	X	
SB-010	1273864	01/29/2013	0 - 1.8	SB		x	x			X	X	
SB-011	1273865	01/29/2013	0 - 1.5	SB		x	x			x	X	
SB-012	1273866	01/29/2013	0 - 2	SB		x	x			X	X	
SB-014	1273801	01/25/2013	0 - 2	SB			X		x	x	X	
SB-015	1273802	01/25/2013	0 - 2	SB			X		x	X	X	
SB-016	1273803	01/25/2013	0 - 2	SB			x		x	x	X	
SB-022	1273800	01/25/2013	0.0 - 0.5	SB		x	X		x	X		
SB-022	1273804	01/25/2013	0.5 - 2.0	SB		x	X			X		
SB-023	1273805	01/25/2013	0.0 - 0.5	SB		x	X		x	X	X	
SB-023	1273806	01/25/2013	0.5 - 2.0	SB		x	x			X	X	
SB-028	1273808	01/25/2013	0 - 2	SB		x	x			x	X	
SB-028	1273809	01/25/2013	2 - 4	SB								
SB-028	1273810	01/25/2013	4 - 5.5	SB		x	X			X	X	
SB-029	1273807	01/25/2013	0.0 - 2.0	SB		x	x			X	X	
SB-032	1273843	01/28/2013	0 - 2	SB								
SB-032	1273844	01/28/2013	2 - 4	SB		x	x			x		
SB-032	1273851	01/28/2013	4 - 6	SB								
SB-032	1273852	01/28/2013	6 - 7.5	SB		x	x			x		
SB-033	1273839	01/28/2013	0 - 2	SB								
SB-033	1273840	01/28/2013	2 - 4	SB		x	x			X		
SB-033	1273841	01/28/2013	4 - 6	SB		x	x			X		
SB-033	1273842	01/28/2013	6 - 7	SB								

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	LEAAnalyt. Lab.	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SB-034	1273765	01/24/2013	0 - 2	SB		x	X			X		
SB-035	1273766	01/24/2013	0 - 2	SB		x	x			X		
SB-035	1273767	01/24/2013	0 - 2	SB		x	X			X		
SB-037	1273869	01/29/2013	0 - 2	SB		x	x			X		
SB-038	1273867	01/29/2013	0 - 2	SB		X	X		x	X	X	
SB-038	1273868	01/29/2013	0 - 2	SB		x	x		x	X	X	
SB-039	1273871	01/30/2013	0 - 2	SB		x	x			x		
SB-039	1273872	01/30/2013	0 - 2	SB								
SB-040	1273811	01/25/2013	0.0 - 0.5	SB		x	X		x	X	X	
SB-040	1273812	01/25/2013	0.5 - 2	SB		x	X		x	X	X	
SB-041	1273813	01/25/2013	0.0 - 0.5	SB		x	X		x	X	X	
SB-041	1273814	01/25/2013	0.5 - 2	SB		x	X		x	X	X	
SB-042	1273824	01/25/2013	0.0 - 2.5	SB		x	X		x	X	X	
SB-042	1273828	01/25/2013	0 - 2.5	SB		x	X		x	X	X	
SB-043	1273815	01/25/2013	0 - 2	SB		x	x		x	x	X	
SB-043	1273816	01/25/2013	0 - 2	SB		x	x		x	X	X	
SB-043	1273817	01/25/2013	2 - 4	SB								
SB-043	1273818	01/25/2013	4 - 6	SB								
SB-043	1273819	01/25/2013	6 - 8	SB		x	x		x	X	X	
SB-043	1273820	01/25/2013	8 - 10	SB								
SB-043	1273821	01/25/2013	10 - 12	SB								
SB-043	1273822	01/25/2013	12 - 14	SB								
SB-043	1273823	01/25/2013	14 - 16	SB								
SB-044	1273794	01/24/2013	0 - 2	SB								
SB-044	1273795	01/24/2013	2 - 4	SB								
SB-044	1273796	01/24/2013	4 - 6	SB								
SB-044	1273797	01/24/2013	6 - 8	SB								
SB-044	1273798	01/24/2013	8 - 10	SB								
SB-044	1273799	01/24/2013	10 - 12	SB								
SB-045	1273858	01/28/2013	0 - 2	SB		x	X		x	X		
SB-045	1273860	01/28/2013	0 - 2	SB		x	X		x	X		
SB-048	1273825	01/25/2013	0 - 2	SB			x			X		

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	LEAAnalyt. Lab.	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SB-049	1273826	01/25/2013	0 - 2	SB			x			X		
SB-050	1273827	01/25/2013	0 - 2	SB			x			X		
SB-051	1273859	01/28/2013	0 - 2	SB		x	x			X		
SB-052	1273857	01/28/2013	0 - 2	SB		x	x			x		
SB-053	1273856	01/28/2013	0 - 2	SB		x	X			X		
SB-054	1273873	01/30/2013	0 - 2	SB		x	x			x		
SB-055	1273861	01/29/2013	0 - 2	SB		x	x			x	X	
SB-056	1273862	01/29/2013	0 - 2	SB		x	x				X	
SB-058	1273870	01/29/2013	0 - 2	SB		x	X			X	X	
SB-059	1273854	01/28/2013	0 - 2	SB		x	x			X	X	x
SB-059	1273855	01/28/2013	0 - 2	SB		x	x			X	X	X
SB-061	1273853	01/28/2013	0 - 1.8	SB		x	x			x	X	x
SB-062	1273845	01/28/2013	0 - 2	SB								
SB-062	1273846	01/28/2013	2 - 4	SB		x	x			X	X	
SB-062	1273847	01/28/2013	4 - 6	SB								
SB-062	1273848	01/28/2013	6 - 8	SB								
SB-062	1273849	01/28/2013	8 - 10	SB		x	x			x	X	
SB-062	1273850	01/28/2013	10 - 12	SB								
SB-063	1273835	01/28/2013	0 - 2	SB		x	X			X		
SB-063	1273836	01/28/2013	2 - 4	SB		x	X			X		
SB-063	1273837	01/28/2013	4 - 6	SB		x	X			X		
SB-063	1273838	01/28/2013	6 - 8	SB		x	X			X		
SB-300	1287289	08/26/2013	0 - 2	SB			x			X		
SB-300	1287290	08/26/2013	2 - 4	SB			x			X		
SB-301	1287291	08/26/2013	0 - 2	SB			x			X		
SB-301	1287292	08/26/2013	2 - 4	SB			x			X		
SB-302	1287293	08/26/2013	0 - 2	SB			x			X		
SB-302	1287294	08/26/2013	2 - 4	SB			X			X		
SB-303	1287295	08/26/2013	0 - 4	SB		x	x			X	X	
SB-303	1287296	08/26/2013	4 - 8	SB								
SB-304	1287297	08/26/2013	0 - 4	SB		x	X			X	X	
SB-304	1287298	08/26/2013	4 - 6	SB								

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	LEAAnalyt. Lab.	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SB-305	1287302	08/26/2013	0 - 4	SB		x	X			X	X	
SB-305	1287303	08/26/2013	4 - 8	SB								
SB-306	1287299	08/26/2013	0 - 2	SB			x			X		
SB-306	1287300	08/26/2013	2 - 4	SB			x			X		
SB-306	1287301	08/26/2013	4 - 8	SB					X			
SB-307	1287304	08/26/2013	0 - 2	SB			x			X		
SB-307	1287305	08/26/2013	2 - 4	SB			x			X		
SB-307	1287306	08/26/2013	6 - 8	SB					x			
SB-308	1287307	08/26/2013	0 - 2	SB			x			X		
SB-308	1287308	08/26/2013	2 - 4	SB			x			X		
SB-309	1287309	08/27/2013	0 - 2	SB		x	X			X	X	
SB-309	1287310	08/27/2013	2 - 4	SB		x	X			X	X	
SB-309	1287311	08/27/2013	4 - 6	SB								
SB-310	1287312	08/27/2013	0 - 2	SB		x	X			X	X	
SB-310	1287313	08/27/2013	2 - 4	SB		x	X			X	X	
SB-311	1287314	08/27/2013	0 - 2	SB		x	X			X	X	
SB-311	1287315	08/27/2013	2 - 4	SB		x	X			X	X	
SB-312	1287341	08/28/2013	6 - 8	SB		x	x			x		
SB-312	1287342	08/28/2013	8 - 10	SB		x	X			X		
SB-312	1287343	08/28/2013	10 - 12	SB		x	x			x		
SB-312A	1287316	08/27/2013	0 - 2	SB		x	X			X	X	
SB-312A	1287317	08/27/2013	2 - 4	SB		x	x			X	X	
SB-312A	1287318	08/27/2013	4 - 6	SB								
SB-313	1287319	08/27/2013	0 - 2	SB		x	X			X	X	
SB-313	1287355	08/27/2013	0 - 2	SB		X	X			X	X	
SB-313	1287321	08/27/2013	2 - 4	SB		X	X			X	X	
SB-313	1287320	08/27/2013	4 - 6	SB			X			X		
SB-314A	1287322	08/27/2013	0 - 2	SB			X		x	X		
SB-314A	1287354	08/27/2013	0 - 2	SB			X		x	X		
SB-314A	1287323	08/27/2013	2 - 4	SB			X		x	X		
SB-314A	1287324	08/27/2013	4 - 6	SB								
SB-315A	1287360	08/27/2013	0 - 2	SB			X		x	X		

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	LEAAnalyt. Lab.	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SB-315A	1287361	08/27/2013	2 - 4	SB			x		x	x		
SB-315A	1287362	08/27/2013	4 - 6	SB								
SB-316A	1287363	08/27/2013	0 - 2	SB		x	X			X	X	
SB-316A	1287364	08/27/2013	2 - 4	SB		x	X			X	X	
SB-316A	1287365	08/27/2013	4 - 6	SB								
SB-317	1287403	08/28/2013	0 - 2	SB		x	X			X	X	
SB-317	1287404	08/28/2013	2 - 4	SB		x	X			X	X	
SB-317	1287405	08/28/2013	4 - 6	SB								
SB-317	1287329	08/28/2013	6 - 8	SB								
SB-318	1287330	08/28/2013	0 - 2	SB		x	x			x	X	
SB-318	1287331	08/28/2013	2 - 4	SB		x	x			x	X	
SB-318	1287332	08/28/2013	4 - 6	SB								
SB-318	1287333	08/28/2013	6 - 8	SB								
SB-322	1287335	08/28/2013	0 - 2	SB						X		
SB-322	1287336	08/28/2013	2 - 4	SB						X		
SB-322	1287337	08/28/2013	4 - 6	SB								
SB-324	1287374	08/28/2013	0 - 2	SB			x		x	X		
SB-324	1287375	08/28/2013	2 - 4	SB			x		x	X		
SB-324	1287385	08/28/2013	4 - 6	SB								
SB-325	1287400	08/28/2013	0 - 2	SB			x		x	X		
SB-325	1287401	08/28/2013	2 - 4	SB			x		x	X		
SB-325	1287402	08/28/2013	4 - 5.52	SB								
SB-326	1287366	08/27/2013	0 - 2	SB			x				X	
SB-326	1287367	08/27/2013	2 - 4	SB			x				X	
SB-327	1287368	08/27/2013	0 - 2	SB			x				X	
SB-327	1287369	08/27/2013	2 - 4	SB			x				X	
SB-328	1287370	08/27/2013	0 - 2	SB			x				X	
SB-328	1287371	08/27/2013	2 - 4	SB			x				X	
SB-329	1287408	08/29/2013	0 - 2	SB		x				X		
SB-329	1287409	08/29/2013	2 - 3	SB		x				X		
SB-330	1287372	08/27/2013	0 - 2	SB		x				X		
SB-330	1287373	08/27/2013	2 - 4	SB		x				X		

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	LEAAnalyt. Lab.	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SB-331	1287410	08/29/2013	0 - 2	SB		X				X		
SB-331	1287411	08/29/2013	2 - 4	SB		x				X		
SB-332	1287338	08/28/2013	0 - 2	SB			x		x	X		
SB-332	1287339	08/28/2013	2 - 4	SB			x		x	x		
SB-332	1287340	08/28/2013	4 - 6	SB								
SB-333	1287447	08/30/2013	0 - 2	SB			X		x	X		
SB-333	1287448	08/30/2013	2 - 4	SB			X		x	X		
SB-333	1287449	08/30/2013	4 - 6	SB			X		x	X		
SB-333	1287450	08/30/2013	6 - 8	SB			X		x	X		
SB-339	1287451	08/30/2013	0 - 2	SB			x		x	X		
SB-339	1287455	08/30/2013	0 - 2	SB			X		x	X		
SB-339	1287452	08/30/2013	2 - 4	SB			x		x	X		
SB-339	1287453	08/30/2013	4 - 6	SB			x		x	X		
SB-339	1287454	08/30/2013	6 - 8	SB			x		x	X		
SB-350	1287345	08/29/2013	0 - 2	SB		x	x			X	X	
SB-350	1287398	08/29/2013	2 - 4.03	SB		x	x			x	X	
SB-351	1287325	08/29/2013	0 - 1.5	SB		x	x			X		
SB-352	1287326	08/29/2013	0 - 0.66	SB			x			x		
SB-353	1287327	08/29/2013	0 - 0.66	SB			X			X		
SS-01	1273761	01/24/2013	0 - 0.5	SB			X		x	X		
SS-02	1273762	01/24/2013	0 - 0.5	SB			X		x	X		
SS-03	1273763	01/24/2013	0 - 0.5	SB			X		x	X		
SS-07	1273741	01/24/2013	0 - 0.5	SB			X		x	X		
SS-08	1273742	01/24/2013	0 - 0.5	SB			X		x	X		
SS-09	1273743	01/24/2013	0 - 0.5	SB			X		x	X		
SS-13	1273764	01/24/2013	0 - 0.5	SB					x		X	
SS-14	1273784	01/24/2013	0 - 0.5	SB					x		X	
SS-15	1273785	01/24/2013	0 - 0.5	SB					x		X	
SS-16	1273786	01/24/2013	0 - 0.5	SB		X	X		x		X	
SS-17	1273787	01/24/2013	0 - 0.5	SB					x			
SS-18	1273788	01/24/2013	0 - 0.5	SB					x		X	
SS-19	1273789	01/24/2013	0 - 0.5	SB					x		X	

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Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	LEAAnalyt. Lab.	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
SS-20	1273790	01/24/2013	0 - 0.5	SB					x			
SS-21	1273791	01/24/2013	0 - 0.5	SB					X		X	
SS-300	1287377	08/28/2013	0-0.5	SS					X		X	
SS-301	1287378	08/28/2013	0-0.5	SS					X		X	
SS-302	1287379	08/28/2013	0-0.5	SS					X		X	
SS-303	1287380	08/28/2013	0-0.5	SS					X		X	
SS-304	1287381	08/28/2013	0-0.5	SS					x		X	
SS-305	1287386	08/28/2013	0-0.5	SS					X		X	
SS-306	1287387	08/28/2013	0-0.5	SS					X		X	
SS-307	1287388	08/28/2013	0-0.5	SS					X		X	
SS-308	1287389	08/28/2013	0-0.5	SS					X		X	
SS-309	1287390	08/28/2013	0-0.5	SS					X		X	
SS-310	1287391	08/28/2013	0-0.5	SS					X		X	
SS-311	1287392	08/28/2013	0-0.5	SS					X		X	
SS-312	1287393	08/28/2013	0-0.5	SS					x		X	
SS-313	1287382	08/28/2013	0-0.5	SS					x		X	
SS-314	1287383	08/28/2013	0-0.5	SS					X		X	
SS-315	1287384	08/28/2013	0-0.5	SS					X		X	
SS-316	1287394	08/28/2013	0-0.5	SS					x		X	
SS-317	1287395	08/28/2013	0-0.5	SS					x		X	
SS-318	1287396	08/28/2013	0-0.5	SS					X		X	
SS-318	1287406	08/28/2013	0-0.5	SS					X		X	
SS-319	1287397	08/28/2013	0-0.5	SS					X		X	
Test Pit 1	1287349	08/29/2013	13	SS		x	X		x	X	X	
Test Pit 2	1287350	08/29/2013	13	SS		x	X		x	X	X	

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Table 6-1
CONSTITUENTS DETECTED IN SOIL
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	Location ID	MW-01	MW-01	MW-01	MW-02	MW-02	MW-03	MW-03
	Sample ID	1273756	1273756	1273759	1273775	1273778	1273830	1273831
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/28/2013	01/28/2013
	Sample Time	12:12	12:12	12:35	14:35	14:49	10:23	10:26
	Sample Depth	2' - 4'	2' - 4'	8' - 10'	0' - 0.5'	4' - 6'	2' - 4'	4' - 6'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-34	13A0643-34RE1	13A0643-37	13A0643-46	13A0643-49	13A0744-12	13A0744-13
Constituent	Units							
Date Metals Analyzed	-	01/29/2013		01/29/2013	01/29/2013	01/29/2013		
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-		01/31/2013		01/30/2013		02/06/2013	02/06/2013
Date Semivolatile Organics Analyzed	-				01/29/2013			
Arsenic	mg/kg							
Barium	mg/kg	61		23	63	18		
Cadmium	mg/kg							
Chromium, Total	mg/kg	14		5.0	13	8.4		
Copper	mg/kg	14		3.8	12	8.0		
Lead	mg/kg	170		2.1	26	3.6		
Mercury	mg/kg	0.10			0.12			
Nickel	mg/kg	6.6		2.7	7.6	4.4		
Silver	mg/kg							
Zinc	mg/kg	77		10	44	25		
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg		32		81		25	250
Acenaphthylene	ug/kg							
Benzo[a]anthracene	ug/kg				280			
Benzo[b]fluoranthene	ug/kg				450			
Benzo(a)pyrene	ug/kg				290			
Benzo(g,h,i)perylene	ug/kg							

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	MW-01	MW-01	MW-01	MW-02	MW-02	MW-03	MW-03
	Sample ID	1273756	1273756	1273759	1273775	1273778	1273830	1273831
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/28/2013	01/28/2013
	Sample Time	12:12	12:12	12:35	14:35	14:49	10:23	10:26
	Sample Depth	2' - 4'	2' - 4'	8' - 10'	0' - 0.5'	4' - 6'	2' - 4'	4' - 6'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-34	13A0643-34RE1	13A0643-37	13A0643-46	13A0643-49	13A0744-12	13A0744-13
Constituent	Units							
Benzo(k)fluoranthene	ug/kg							
Carbazole	ug/kg							
Chrysene	ug/kg				340			
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg				630			
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg				270			
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg				320			
Pyrene	ug/kg				540			
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-001	SB-001	SB-001	SB-002	SB-002	SB-003	SB-003
	Sample ID	1273750	1273750	1273752	1270649	1270649	1273768	1273768
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:27	11:27	11:37	13:10	13:10	13:40	13:40
	Sample Depth	0' - 2'	0' - 2'	4' - 6'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-28	13A0643-28RE1	13A0643-30	13A0643-11	13A0643-11RE1	13A0643-39	13A0643-39RE1
Constituent	Units							
Date Metals Analyzed	-	01/29/2013		01/29/2013	01/29/2013		01/29/2013	
Date Organics Analyzed	-	01/30/2013			01/31/2013			
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-		01/31/2013			01/31/2013		01/31/2013
Date Semivolatile Organics Analyzed	-						01/29/2013	
Arsenic	mg/kg							
Barium	mg/kg	29		34	46		53	
Cadmium	mg/kg							
Chromium, Total	mg/kg	9.7		20	16		14	
Copper	mg/kg	5.2		11	13		17	
Lead	mg/kg	9.9		6.4	4.5		7.4	
Mercury	mg/kg			0.11				
Nickel	mg/kg	7.2		8.5	11		11	
Silver	mg/kg							
Zinc	mg/kg	18		23	25		47	
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg		38			16		66
Acenaphthylene	ug/kg							
Benzo[a]anthracene	ug/kg							
Benzo[b]fluoranthene	ug/kg						400	
Benzo(a)pyrene	ug/kg						240	
Benzo(g,h,i)perylene	ug/kg							

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-001	SB-001	SB-001	SB-002	SB-002	SB-003	SB-003
	Sample ID	1273750	1273750	1273752	1270649	1270649	1273768	1273768
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:27	11:27	11:37	13:10	13:10	13:40	13:40
	Sample Depth	0' - 2'	0' - 2'	4' - 6'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-28	13A0643-28RE1	13A0643-30	13A0643-11	13A0643-11RE1	13A0643-39	13A0643-39RE1
Constituent	Units							
Benzo(k)fluoranthene	ug/kg							
Carbazole	ug/kg							
Chrysene	ug/kg						240	
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg						360	
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg						270	
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg							
Pyrene	ug/kg						350	
Acenaphthene	ug/kg							
Acetone	ug/kg				22000			
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg	2.2						
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg	5.0						
o-Xylene	ug/kg	6.5						
Xylenes,m- & p-	ug/kg	12						
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-003	SB-003	SB-004	SB-004	SB-005	SB-005	SB-005
	Sample ID	1273769	1273769	1273744	1273744	1273770	1273770	1273771
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:47	13:47	10:08	10:08	13:58	13:58	13:58
	Sample Depth	0.5' - 2.0'	0.5' - 2.0'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0.5' - 2.0'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-40	13A0643-40RE1	13A0643-22	13A0643-22RE1	13A0643-41	13A0643-41RE1	13A0643-42
Constituent	Units							
Date Metals Analyzed	-	01/29/2013		01/29/2013		01/29/2013		01/29/2013
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-		01/31/2013		01/31/2013		01/31/2013	01/31/2013
Date Semivolatile Organics Analyzed	-	01/29/2013						
Arsenic	mg/kg	3.0		8.6				
Barium	mg/kg	62		45		52		50
Cadmium	mg/kg							
Chromium, Total	mg/kg	11		32		16		16
Copper	mg/kg	13		16		9.7		11
Lead	mg/kg	12		16		8.3		8.1
Mercury	mg/kg			0.067		0.043		0.041
Nickel	mg/kg	7.5		11		9.8		8.5
Silver	mg/kg							
Zinc	mg/kg	32		41		28		27
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg		61		290		38	47
Acenaphthylene	ug/kg							
Benzo[a]anthracene	ug/kg	410						
Benzo[b]fluoranthene	ug/kg	740						
Benzo(a)pyrene	ug/kg	480						
Benzo(g,h,i)perylene	ug/kg	260						

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-003	SB-003	SB-004	SB-004	SB-005	SB-005	SB-005
	Sample ID	1273769	1273769	1273744	1273744	1273770	1273770	1273771
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:47	13:47	10:08	10:08	13:58	13:58	13:58
	Sample Depth	0.5' - 2.0'	0.5' - 2.0'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0.5' - 2.0'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-40	13A0643-40RE1	13A0643-22	13A0643-22RE1	13A0643-41	13A0643-41RE1	13A0643-42
Constituent	Units							
Benzo(k)fluoranthene	ug/kg	260						
Carbazole	ug/kg							
Chrysene	ug/kg	610						
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg	970						
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg	380						
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg	650						
Pyrene	ug/kg	950						
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-005	SB-006	SB-006	SB-006	SB-007	SB-007	SB-007
	Sample ID	1273773	1273746	1273746	1273746	1273748	1273748	1273748
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	14:10	10:13	10:13	10:13	10:20	10:20	10:20
	Sample Depth	4' - 6'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-44	13A0643-24	13A0643-24RE1	13A0643-24RE2	13A0643-26	13A0643-26RE1	13A0643-26m
Constituent	Units							
Date Metals Analyzed	-	01/29/2013	01/29/2013			01/29/2013		
Date Organics Analyzed	-					01/29/2013		01/31/2013
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-			01/31/2013	02/01/2013		01/31/2013	
Date Semivolatile Organics Analyzed	-					01/30/2013		
Arsenic	mg/kg							
Barium	mg/kg	22	55			35		
Cadmium	mg/kg							
Chromium, Total	mg/kg	5.7	19			18		
Copper	mg/kg	4.3	11			20		
Lead	mg/kg	1.8	27			66		
Mercury	mg/kg		0.048			0.057		
Nickel	mg/kg	2.8	9.9			10		
Silver	mg/kg							
Zinc	mg/kg	14	38			37		
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg			63	73		450	
Acenaphthylene	ug/kg							
Benzo[a]anthracene	ug/kg					270		
Benzo[b]fluoranthene	ug/kg					770		
Benzo(a)pyrene	ug/kg					370		
Benzo(g,h,i)perylene	ug/kg					200		

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-005	SB-006	SB-006	SB-006	SB-007	SB-007	SB-007
	Sample ID	1273773	1273746	1273746	1273746	1273748	1273748	1273748
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	14:10	10:13	10:13	10:13	10:20	10:20	10:20
	Sample Depth	4' - 6'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-44	13A0643-24	13A0643-24RE1	13A0643-24RE2	13A0643-26	13A0643-26RE1	13A0643-26m
Constituent	Units							
Benzo(k)fluoranthene	ug/kg					250		
Carbazole	ug/kg							
Chrysene	ug/kg					460		
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg					750		
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg					330		
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg					390		
Pyrene	ug/kg					440		
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg					2.8		
Ethylbenzene	ug/kg					35		
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg					490 E		160
o-Xylene	ug/kg					50		
Xylenes,m- & p-	ug/kg					150		
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-008	SB-008	SB-009	SB-010	SB-011	SB-012	SB-014
	Sample ID	1273781	1273782	1273863	1273864	1273865	1273866	1273801
	Sample Date	01/24/2013	01/24/2013	01/29/2013	01/29/2013	01/29/2013	01/29/2013	01/25/2013
	Sample Time	15:05	15:10	11:45	13:05	13:30	14:15	15:55
	Sample Depth	0' - 0.5'	0.5' - 2.0'	0' - 1'	0' - 1.8'	0' - 1.5'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-52	13A0643-53	13A0745-03	13A0745-04	13A0745-05	13A0745-06	13A0687-38
Constituent	Units							
Date Metals Analyzed	-	01/29/2013	01/29/2013	02/02/2013	02/02/2013	02/02/2013	02/02/2013	01/30/2013
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	01/31/2013	01/30/2013		02/05/2013		02/05/2013	
Date Semivolatile Organics Analyzed	-		01/31/2013					01/31/2013
Arsenic	mg/kg							
Barium	mg/kg	45	31	50	60	62	62	14
Cadmium	mg/kg	0.35						
Chromium, Total	mg/kg	16	23	11	19	19	17	8.0
Copper	mg/kg	11	18	8.8	24	14	15	2.9
Lead	mg/kg	12	49	6.0	5.1	5.3	5.6	3.3
Mercury	mg/kg	0.041	0.041					
Nickel	mg/kg	9.1	9.3	7.5	14	12	11	3.8
Silver	mg/kg							
Zinc	mg/kg	40	42	25	25	22	23	15
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	43	1000		11		16	
Acenaphthylene	ug/kg		1700					
Benzo[a]anthracene	ug/kg		2200					
Benzo[b]fluoranthene	ug/kg		6200					
Benzo(a)pyrene	ug/kg		4100					
Benzo(g,h,i)perylene	ug/kg		3400					

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-008	SB-008	SB-009	SB-010	SB-011	SB-012	SB-014
	Sample ID	1273781	1273782	1273863	1273864	1273865	1273866	1273801
	Sample Date	01/24/2013	01/24/2013	01/29/2013	01/29/2013	01/29/2013	01/29/2013	01/25/2013
	Sample Time	15:05	15:10	11:45	13:05	13:30	14:15	15:55
	Sample Depth	0' - 0.5'	0.5' - 2.0'	0' - 1'	0' - 1.8'	0' - 1.5'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-52	13A0643-53	13A0745-03	13A0745-04	13A0745-05	13A0745-06	13A0687-38
Constituent	Units							
Benzo(k)fluoranthene	ug/kg		2200					
Carbazole	ug/kg							
Chrysene	ug/kg		3600					
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg		3400					
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg		3800					
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg		1300					200
Pyrene	ug/kg		4000					
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-015	SB-016	SB-022	SB-022	SB-023	SB-023	SB-023
	Sample ID	1273802	1273803	1273800	1273804	1273805	1273805	1273806
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	15:50	16:05	10:45	10:50	11:05	11:05	11:10
	Sample Depth	0' - 2'	0' - 2'	0.0' - 0.5'	0.5' - 2.0'	0.0' - 0.5'	0.0' - 0.5'	0.5' - 2.0'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-39	13A0687-40	13A0687-01	13A0687-02	13A0687-03	13A0687-03RE1	13A0687-04
Constituent	Units							
Date Metals Analyzed	-	01/30/2013	01/30/2013			02/01/2013		02/01/2013
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	02/01/2013		01/31/2013	01/31/2013	02/01/2013		01/31/2013
Date Semivolatile Organics Analyzed	-	01/31/2013		01/31/2013	01/31/2013	01/31/2013	01/31/2013	
Arsenic	mg/kg							
Barium	mg/kg	14	34			55		34
Cadmium	mg/kg					0.44		
Chromium, Total	mg/kg	10	4.9			13		14
Copper	mg/kg	3.4	5.1			16		8.7
Lead	mg/kg	5.9	1.9			610		14
Mercury	mg/kg					0.13		0.040
Nickel	mg/kg	4.9	3.3			7.2		7.4
Silver	mg/kg							
Zinc	mg/kg	18	16			160		36
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	140		65	82	240		44
Acenaphthylene	ug/kg	770						
Benzo[a]anthracene	ug/kg	930			220	4700		
Benzo[b]fluoranthene	ug/kg	1100			320	4400		
Benzo(a)pyrene	ug/kg	960			230	3400		
Benzo(g,h,i)perylene	ug/kg	820				1000		

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-015	SB-016	SB-022	SB-022	SB-023	SB-023	SB-023
	Sample ID	1273802	1273803	1273800	1273804	1273805	1273805	1273806
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	15:50	16:05	10:45	10:50	11:05	11:05	11:10
	Sample Depth	0' - 2'	0' - 2'	0.0' - 0.5'	0.5' - 2.0'	0.0' - 0.5'	0.0' - 0.5'	0.5' - 2.0'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-39	13A0687-40	13A0687-01	13A0687-02	13A0687-03	13A0687-03RE1	13A0687-04
Constituent	Units							
Benzo(k)fluoranthene	ug/kg	520				1500		
Carbazole	ug/kg							
Chrysene	ug/kg	1000			290	5500		
Dibenz(a,h)anthracene	ug/kg					530		
Fluoranthene	ug/kg	2000		320	400	8000		
Fluorene	ug/kg	340						
Indeno(1,2,3-c,d)pyrene	ug/kg	950			260	1400		
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg	2200			380		10000	
Pyrene	ug/kg	2100		300	410	7700		
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg	440				1800		
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-028	SB-028	SB-029	SB-033	SB-033	SB-034	SB-034
	Sample ID	1273808	1273810	1273807	1273840	1273841	1273765	1273765
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/28/2013	01/28/2013	01/24/2013	01/24/2013
	Sample Time	11:50	12:00	11:30	11:20	11:22	11:33	11:33
	Sample Depth	0' - 2'	4' - 5.5'	0.0' - 2.0'	2' - 4'	4' - 6'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-06	13A0687-08	13A0687-05	13A0744-22	13A0744-23	13A0643-14	13A0643-14RE1
Constituent	Units							
Date Metals Analyzed	-	01/30/2013	01/30/2013	01/30/2013				
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-		01/31/2013	01/31/2013	02/06/2013	02/06/2013		01/31/2013
Date Semivolatile Organics Analyzed	-		01/31/2013				01/28/2013	
Arsenic	mg/kg							
Barium	mg/kg	24	24	23				
Cadmium	mg/kg							
Chromium, Total	mg/kg	7.8	12	9.4				
Copper	mg/kg	6.2	6.6	3.5				
Lead	mg/kg	3.4	1.9	9.0				
Mercury	mg/kg			0.042				
Nickel	mg/kg	5.0	5.0	4.4				
Silver	mg/kg							
Zinc	mg/kg	16	15	18				
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg		200	24	20	11		55
Acenaphthylene	ug/kg							
Benzo[a]anthracene	ug/kg							
Benzo[b]fluoranthene	ug/kg							
Benzo(a)pyrene	ug/kg							
Benzo(g,h,i)perylene	ug/kg							

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-028	SB-028	SB-029	SB-033	SB-033	SB-034	SB-034
	Sample ID	1273808	1273810	1273807	1273840	1273841	1273765	1273765
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/28/2013	01/28/2013	01/24/2013	01/24/2013
	Sample Time	11:50	12:00	11:30	11:20	11:22	11:33	11:33
	Sample Depth	0' - 2'	4' - 5.5'	0.0' - 2.0'	2' - 4'	4' - 6'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-06	13A0687-08	13A0687-05	13A0744-22	13A0744-23	13A0643-14	13A0643-14RE1
Constituent	Units							
Benzo(k)fluoranthene	ug/kg							
Carbazole	ug/kg							
Chrysene	ug/kg							
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg						520	
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg							
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg		450				370	
Pyrene	ug/kg						590	
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-035	SB-035	SB-035	SB-037	SB-038	SB-038	SB-040
	Sample ID	1273766	1273767	1273767	1273869	1273867	1273868	1273811
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/29/2013	01/29/2013	01/29/2013	01/25/2013
	Sample Time	11:38	11:38	11:38	15:05	14:37	14:37	13:20
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0.0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-12RE1	13A0643-13	13A0643-13RE1	13A0745-09	13A0745-07	13A0745-08	13A0687-09
Constituent	Units							
Date Metals Analyzed	-					02/02/2013	02/02/2013	01/30/2013
Date Organics Analyzed	-					02/01/2013		
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	01/31/2013		01/31/2013	02/05/2013	02/06/2013	02/06/2013	01/31/2013
Date Semivolatile Organics Analyzed	-		01/28/2013			02/04/2013		01/31/2013
Arsenic	mg/kg							
Barium	mg/kg					42	35	38
Cadmium	mg/kg							
Chromium, Total	mg/kg					9.6	7.1	10
Copper	mg/kg					17	14	14
Lead	mg/kg					76	52	32
Mercury	mg/kg							0.13
Nickel	mg/kg					6.9	5.5	6.3
Silver	mg/kg					0.78		
Zinc	mg/kg					25	19	37
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	38		61	19	570	470	100
Acenaphthylene	ug/kg							770
Benzo[a]anthracene	ug/kg							5300
Benzo[b]fluoranthene	ug/kg							4400
Benzo(a)pyrene	ug/kg							3600
Benzo(g,h,i)perylene	ug/kg							1500

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-035	SB-035	SB-035	SB-037	SB-038	SB-038	SB-040
	Sample ID	1273766	1273767	1273767	1273869	1273867	1273868	1273811
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/29/2013	01/29/2013	01/29/2013	01/25/2013
	Sample Time	11:38	11:38	11:38	15:05	14:37	14:37	13:20
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0.0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-12RE1	13A0643-13	13A0643-13RE1	13A0745-09	13A0745-07	13A0745-08	13A0687-09
Constituent	Units							
Benzo(k)fluoranthene	ug/kg							1600
Carbazole	ug/kg							
Chrysene	ug/kg							4400
Dibenz(a,h)anthracene	ug/kg							420
Fluoranthene	ug/kg							
Fluorene	ug/kg							620
Indeno(1,2,3-c,d)pyrene	ug/kg							1800
Naphthalene	ug/kg							
Naphthalene	ug/kg					270		
Phenanthrene	ug/kg					250		
Pyrene	ug/kg		210					
Acenaphthene	ug/kg							290
Acetone	ug/kg							
Anthracene	ug/kg							1700
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg					1.6		
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-040	SB-040	SB-041	SB-041	SB-042	SB-042	SB-043
	Sample ID	1273811	1273812	1273813	1273814	1273824	1273828	1273815
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	13:20	13:25	13:45	13:50	15:00	15:00	14:00
	Sample Depth	0.0' - 0.5'	0.5' - 2'	0.0' - 0.5'	0.5' - 2'	0.0' - 2.5'	0' - 2.5'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-09RE1	13A0687-10	13A0687-11	13A0687-12	13A0687-22	13A0687-23	13A0687-13
Constituent	Units							
Date Metals Analyzed	-		01/30/2013	01/30/2013	01/30/2013	01/30/2013	01/30/2013	01/30/2013
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-		02/01/2013	02/01/2013	02/01/2013	02/01/2013	02/01/2013	
Date Semivolatile Organics Analyzed	-	01/31/2013	01/31/2013	01/31/2013	01/31/2013	01/31/2013	01/31/2013	
Arsenic	mg/kg							
Barium	mg/kg		41	51	45	41	41	34
Cadmium	mg/kg							
Chromium, Total	mg/kg		11	14	14	9.5	7.9	8.7
Copper	mg/kg		10	9.2	9.8	9.8	11	8.4
Lead	mg/kg		18	24	15	7.3	6.9	2.0
Mercury	mg/kg		0.036	0.040	0.055			
Nickel	mg/kg		6.3	7.4	7.7	5.6	4.0	4.8
Silver	mg/kg							
Zinc	mg/kg		36	50	42	31	38	15
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg		240	150	110	110	96	
Acenaphthylene	ug/kg				250	400	200	
Benzo[a]anthracene	ug/kg	5300	1400	1600	860	1400	440	
Benzo[b]fluoranthene	ug/kg		2500	2000	940	1800	550	
Benzo(a)pyrene	ug/kg		1700	1500	770	1600	520	
Benzo(g,h,i)perylene	ug/kg		600	560	460	1300	430	

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-040	SB-040	SB-041	SB-041	SB-042	SB-042	SB-043
	Sample ID	1273811	1273812	1273813	1273814	1273824	1273828	1273815
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	13:20	13:25	13:45	13:50	15:00	15:00	14:00
	Sample Depth	0.0' - 0.5'	0.5' - 2'	0.0' - 0.5'	0.5' - 2'	0.0' - 2.5'	0' - 2.5'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-09RE1	13A0687-10	13A0687-11	13A0687-12	13A0687-22	13A0687-23	13A0687-13
Constituent	Units							
Benzo(k)fluoranthene	ug/kg		820	670	330	630	240	
Carbazole	ug/kg							
Chrysene	ug/kg		1600	1800	960	1600	500	
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg	11000	2600	3000	1600	2500	850	
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg		890	780	510	1300	460	
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg	5700	1200	1400	1200	1700	520	
Pyrene	ug/kg	10000	1900	2600	1700	2700	860	
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg				240			
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-043	SB-043	SB-045	SB-045	SB-048	SB-049	SB-050
	Sample ID	1273816	1273819	1273858	1273860	1273825	1273826	1273827
	Sample Date	01/25/2013	01/25/2013	01/28/2013	01/28/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	14:00	14:15	14:24	14:24	11:40	14:18	15:10
	Sample Depth	0' - 2'	6' - 8'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-14	13A0687-17	13A0744-09	13A0744-37	13A0687-24	13A0687-25	13A0687-26
Constituent	Units							
Date Metals Analyzed	-	01/30/2013	01/30/2013					
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	02/01/2013	02/01/2013	02/06/2013	02/06/2013	02/01/2013	02/01/2013	02/01/2013
Date Semivolatile Organics Analyzed	-			02/04/2013	02/04/2013			
Arsenic	mg/kg							
Barium	mg/kg	34	34					
Cadmium	mg/kg							
Chromium, Total	mg/kg	9.0	9.2					
Copper	mg/kg	7.8	6.2					
Lead	mg/kg	2.2	5.6					
Mercury	mg/kg							
Nickel	mg/kg	5.0	5.8					
Silver	mg/kg							
Zinc	mg/kg	14	34					
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	13	27	23	14	24	20	43
Acenaphthylene	ug/kg							
Benzo[a]anthracene	ug/kg							
Benzo[b]fluoranthene	ug/kg				260			
Benzo(a)pyrene	ug/kg				220			
Benzo(g,h,i)perylene	ug/kg							

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-043	SB-043	SB-045	SB-045	SB-048	SB-049	SB-050
	Sample ID	1273816	1273819	1273858	1273860	1273825	1273826	1273827
	Sample Date	01/25/2013	01/25/2013	01/28/2013	01/28/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	14:00	14:15	14:24	14:24	11:40	14:18	15:10
	Sample Depth	0' - 2'	6' - 8'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-14	13A0687-17	13A0744-09	13A0744-37	13A0687-24	13A0687-25	13A0687-26
Constituent	Units							
Benzo(k)fluoranthene	ug/kg							
Carbazole	ug/kg							
Chrysene	ug/kg				250			
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg			190	280			
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg				270			
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg							
Pyrene	ug/kg			210	380			
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-051	SB-053	SB-055	SB-056	SB-058	SB-059	SB-059
	Sample ID	1273859	1273856	1273861	1273862	1273870	1273854	1273855
	Sample Date	01/28/2013	01/28/2013	01/29/2013	01/29/2013	01/29/2013	01/28/2013	01/28/2013
	Sample Time	15:20	12:00	10:30	11:05	15:29	11:13	11:13
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-10	13A0744-07	13A0745-01	13A0745-02	13A0745-10	13A0744-05	13A0744-06
Constituent	Units							
Date Metals Analyzed	-			02/02/2013	02/02/2013	02/02/2013	02/02/2013	02/02/2013
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	02/06/2013	02/06/2013			02/05/2013	02/06/2013	02/06/2013
Date Semivolatile Organics Analyzed	-		02/04/2013			02/04/2013		
Arsenic	mg/kg							
Barium	mg/kg			31	89	93	31	50
Cadmium	mg/kg					0.98		
Chromium, Total	mg/kg			21	24	19	6.6	10
Copper	mg/kg			32	19	260	5.6	5.8
Lead	mg/kg			5.8	9.4	120	10	7.9
Mercury	mg/kg					0.17		
Nickel	mg/kg			14	16	8.5	3.5	6.9
Silver	mg/kg					0.70	0.56	
Zinc	mg/kg			26	26	280	26	26
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							1.1
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	15	12			240	30	140
Acenaphthylene	ug/kg							
Benzo[a]anthracene	ug/kg					740		
Benzo[b]fluoranthene	ug/kg					950		
Benzo(a)pyrene	ug/kg					770		
Benzo(g,h,i)perylene	ug/kg					340		

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-051	SB-053	SB-055	SB-056	SB-058	SB-059	SB-059
	Sample ID	1273859	1273856	1273861	1273862	1273870	1273854	1273855
	Sample Date	01/28/2013	01/28/2013	01/29/2013	01/29/2013	01/29/2013	01/28/2013	01/28/2013
	Sample Time	15:20	12:00	10:30	11:05	15:29	11:13	11:13
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-10	13A0744-07	13A0745-01	13A0745-02	13A0745-10	13A0744-05	13A0744-06
Constituent	Units							
Benzo(k)fluoranthene	ug/kg					330		
Carbazole	ug/kg							
Chrysene	ug/kg					920		
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg					1100		
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg					520		
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg					1000		
Pyrene	ug/kg		180			1300		
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-061	SB-062	SB-062	SB-063	SB-063	SB-063	SB-063
	Sample ID	1273853	1273846	1273849	1273835	1273836	1273837	1273838
	Sample Date	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013
	Sample Time	10:15	12:01	14:20	10:51	10:55	11:01	11:07
	Sample Depth	0' - 1.8'	2' - 4'	8' - 10'	0' - 2'	2' - 4'	4' - 6'	6' - 8'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-04	13A0744-28	13A0744-31	13A0744-17	13A0744-18	13A0744-19	13A0744-20
Constituent	Units							
Date Metals Analyzed	-	02/01/2013	02/02/2013	02/02/2013				
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-		02/05/2013		02/06/2013	02/06/2013	02/06/2013	02/06/2013
Date Semivolatile Organics Analyzed	-				02/04/2013	02/04/2013	02/04/2013	02/04/2013
Arsenic	mg/kg							
Barium	mg/kg	33	14	120				
Cadmium	mg/kg							
Chromium, Total	mg/kg	8.4	5.3	4.8				
Copper	mg/kg	5.5	5.9	3.1				
Lead	mg/kg	7.5	3.3	3.6				
Mercury	mg/kg							
Nickel	mg/kg	4.5	2.8	2.0				
Silver	mg/kg			0.57				
Zinc	mg/kg	18	11	40				
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg		15		270	55	45	40
Acenaphthylene	ug/kg				240			
Benzo[a]anthracene	ug/kg				530	320	280	
Benzo[b]fluoranthene	ug/kg				860	390	340	
Benzo(a)pyrene	ug/kg				550	330	320	
Benzo(g,h,i)perylene	ug/kg				230	250	250	

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-061	SB-062	SB-062	SB-063	SB-063	SB-063	SB-063
	Sample ID	1273853	1273846	1273849	1273835	1273836	1273837	1273838
	Sample Date	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013
	Sample Time	10:15	12:01	14:20	10:51	10:55	11:01	11:07
	Sample Depth	0' - 1.8'	2' - 4'	8' - 10'	0' - 2'	2' - 4'	4' - 6'	6' - 8'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-04	13A0744-28	13A0744-31	13A0744-17	13A0744-18	13A0744-19	13A0744-20
Constituent	Units							
Benzo(k)fluoranthene	ug/kg				330			
Carbazole	ug/kg							
Chrysene	ug/kg				690	420	340	
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg				1200	510	400	250
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg				290	360	360	
Naphthalene	ug/kg							
Naphthalene	ug/kg							250
Phenanthrene	ug/kg				640	530	250	540
Pyrene	ug/kg				760	780	600	270
Acenaphthene	ug/kg							210
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-300	SB-300	SB-301	SB-301	SB-302	SB-302	SB-302
	Sample ID	1287289	1287290	1287291	1287292	1287293	1287294	1287294
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	11:10	11:12	11:50	11:55	12:15	12:20	12:20
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-01	13H1007-02	13H1007-03	13H1007-04RE1	13H1007-05	13H1007-06	13H1007-06RE1
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	08/28/2013	08/28/2013	08/28/2013	08/30/2013	08/28/2013		08/30/2013
Date Semivolatile Organics Analyzed	-						09/03/2013	
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium, Total	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	62	18	47	21	62		47
Acenaphthylene	ug/kg							
Benzo[a]anthracene	ug/kg							
Benzo[b]fluoranthene	ug/kg							
Benzo(a)pyrene	ug/kg							
Benzo(g,h,i)perylene	ug/kg							

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-300	SB-300	SB-301	SB-301	SB-302	SB-302	SB-302
	Sample ID	1287289	1287290	1287291	1287292	1287293	1287294	1287294
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	11:10	11:12	11:50	11:55	12:15	12:20	12:20
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-01	13H1007-02	13H1007-03	13H1007-04RE1	13H1007-05	13H1007-06	13H1007-06RE1
Constituent	Units							
Benzo(k)fluoranthene	ug/kg							
Carbazole	ug/kg							
Chrysene	ug/kg							
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg						210	
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg							
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg							
Pyrene	ug/kg						290	
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-303	SB-303	SB-304	SB-305	SB-306	SB-306	SB-306
	Sample ID	1287295	1287295	1287297	1287302	1287299	1287300	1287301
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	12:38	12:38	13:15	14:44	14:10	14:15	14:25
	Sample Depth	0' - 4'	0' - 4'	0' - 4'	0' - 4'	0' - 2'	2' - 4'	4' - 8'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-07	13H1007-07RE1	13H1007-09	13H1007-14	13H1007-11	13H1007-12	13H1007-13RE1
Constituent	Units							
Date Metals Analyzed	-	08/28/2013		08/28/2013	08/28/2013			
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							08/29/2013
Date Physical Analyzed	-		08/30/2013	08/30/2013	08/28/2013	08/28/2013	08/28/2013	
Date Semivolatile Organics Analyzed	-			09/03/2013	09/03/2013			
Arsenic	mg/kg	11			3.7			
Barium	mg/kg	45		71	110			
Cadmium	mg/kg	0.41						
Chromium, Total	mg/kg	11		13	19			
Copper	mg/kg	21		8.8	14			
Lead	mg/kg	41		74	30			
Mercury	mg/kg	0.32		0.044	0.087			
Nickel	mg/kg	7		6.5	8			
Silver	mg/kg							
Zinc	mg/kg	44		110	44			
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							20
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg		100	190	110	47	17	
Acenaphthylene	ug/kg							
Benzo[a]anthracene	ug/kg			720	730			
Benzo[b]fluoranthene	ug/kg			800	920			
Benzo(a)pyrene	ug/kg			650	720			
Benzo(g,h,i)perylene	ug/kg			280	370			

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-303	SB-303	SB-304	SB-305	SB-306	SB-306	SB-306
	Sample ID	1287295	1287295	1287297	1287302	1287299	1287300	1287301
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	12:38	12:38	13:15	14:44	14:10	14:15	14:25
	Sample Depth	0' - 4'	0' - 4'	0' - 4'	0' - 4'	0' - 2'	2' - 4'	4' - 8'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-07	13H1007-07RE1	13H1007-09	13H1007-14	13H1007-11	13H1007-12	13H1007-13RE1
Constituent	Units							
Benzo(k)fluoranthene	ug/kg			320	320			
Carbazole	ug/kg							
Chrysene	ug/kg			830	950			
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg			1100	1400			
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg			330	410			
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg			400	1600			
Pyrene	ug/kg			1500	2200			
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-307	SB-307	SB-308	SB-308	SB-309	SB-309	SB-310
	Sample ID	1287304	1287305	1287307	1287308	1287309	1287310	1287312
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	15:05	15:10	15:25	15:30	10:05	10:10	10:35
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-16	13H1007-17RE1	13H1007-19	13H1007-20RE1	13H1034-01	13H1034-02	13H1034-04
Constituent	Units							
Date Metals Analyzed	-					08/29/2013	08/29/2013	08/29/2013
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	08/28/2013	08/30/2013	08/28/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
Date Semivolatile Organics Analyzed	-					08/30/2013	08/30/2013	08/30/2013
Arsenic	mg/kg							
Barium	mg/kg					51	46	50
Cadmium	mg/kg					0.42	0.29	0.27
Chromium, Total	mg/kg					13	7.9	7.2
Copper	mg/kg					17	14	14
Lead	mg/kg					66	80	51
Mercury	mg/kg					0.07	0.17	0.034
Nickel	mg/kg					7.3	5.2	4.6
Silver	mg/kg							
Zinc	mg/kg					69	84	56
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	39	40	62	97	710	750	430
Acenaphthylene	ug/kg						1300	
Benzo[a]anthracene	ug/kg					2400	7200	
Benzo[b]fluoranthene	ug/kg					2800	7300	870
Benzo(a)pyrene	ug/kg					2200	6200	
Benzo(g,h,i)perylene	ug/kg					1500	3100	

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-307	SB-307	SB-308	SB-308	SB-309	SB-309	SB-310
	Sample ID	1287304	1287305	1287307	1287308	1287309	1287310	1287312
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	15:05	15:10	15:25	15:30	10:05	10:10	10:35
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-16	13H1007-17RE1	13H1007-19	13H1007-20RE1	13H1034-01	13H1034-02	13H1034-04
Constituent	Units							
Benzo(k)fluoranthene	ug/kg					1100	2700	
Carbazole	ug/kg							
Chrysene	ug/kg					3000	8000	800
Dibenz(a,h)anthracene	ug/kg						900	
Fluoranthene	ug/kg					5000	13000	900
Fluorene	ug/kg					870	1000	
Indeno(1,2,3-c,d)pyrene	ug/kg					1600	3500	
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg					5500	9000	
Pyrene	ug/kg					6600	16000	1200
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg					810	1500	
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-310	SB-311	SB-311	SB-312	SB-312A	SB-312A	SB-313
	Sample ID	1287313	1287314	1287315	1287342	1287316	1287317	1287319
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/28/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	10:40	11:10	11:20	15:20	11:35	14:50	12:10
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	8' - 10'	0' - 2'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-05	13H1034-06	13H1034-07	13H1103-23	13H1034-08	13H1034-09	13H1034-11
Constituent	Units							
Date Metals Analyzed	-	08/29/2013	08/29/2013	08/29/2013		08/29/2013	08/29/2013	08/29/2013
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	08/30/2013	08/30/2013	08/30/2013	09/03/2013	08/30/2013	08/30/2013	08/30/2013
Date Semivolatile Organics Analyzed	-	08/30/2013	08/30/2013	08/30/2013	09/04/2013	08/30/2013		08/30/2013
Arsenic	mg/kg		3.5					
Barium	mg/kg	34	48	47		45	42	53
Cadmium	mg/kg	0.66	0.4	0.39				
Chromium, Total	mg/kg	9.7	11	10		8.3	11	11
Copper	mg/kg	42	16	12		13	8.7	12
Lead	mg/kg	31	46	30		35	27	41
Mercury	mg/kg	0.035	0.036	0.077			0.049	0.049
Nickel	mg/kg	4.9	6.6	5.9		5.9	4.8	6.4
Silver	mg/kg							
Zinc	mg/kg	97	53	55		40	31	56
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	76	78	32	44	920	23	180
Acenaphthylene	ug/kg					1300		1300
Benzo[a]anthracene	ug/kg	1000	610			6400		7000
Benzo[b]fluoranthene	ug/kg	1100	780	340		7700		7400
Benzo(a)pyrene	ug/kg	930	560	210		6300		6200
Benzo(g,h,i)perylene	ug/kg	730		230		2800		2700

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-310	SB-311	SB-311	SB-312	SB-312A	SB-312A	SB-313
	Sample ID	1287313	1287314	1287315	1287342	1287316	1287317	1287319
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/28/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	10:40	11:10	11:20	15:20	11:35	14:50	12:10
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	8' - 10'	0' - 2'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-05	13H1034-06	13H1034-07	13H1103-23	13H1034-08	13H1034-09	13H1034-11
Constituent	Units							
Benzo(k)fluoranthene	ug/kg	440				3100		2600
Carbazole	ug/kg	240						730
Chrysene	ug/kg	1000	760	260		6900		7300
Dibenz(a,h)anthracene	ug/kg					910		870
Fluoranthene	ug/kg	2500	1100	220	240	9800		11000
Fluorene	ug/kg							1100
Indeno(1,2,3-c,d)pyrene	ug/kg	770		220		3000		3000
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg	1800	810			4400		8600
Pyrene	ug/kg	2400	1600	310		12000		15000
Acenaphthene	ug/kg							470
Acetone	ug/kg							
Anthracene	ug/kg	440				940		1800
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-313	SB-313	SB-313	SB-313	SB-313	SB-314A	SB-314A
	Sample ID	1287319	1287355	1287355	1287321	1287320	1287322	1287354
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	12:10	12:10	12:10	12:20	12:30	13:20	13:21
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	2' - 4'	4' - 6'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-11RE1	13H1034-12	13H1034-12RE1	13H1034-14	13I0179-01	13H1034-15	13H1034-16
Constituent	Units							
Date Metals Analyzed	-		08/29/2013		08/29/2013			
Date Organics Analyzed	-		08/29/2013		08/29/2013			
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-		08/30/2013		09/03/2013	09/11/2013	08/30/2013	08/30/2013
Date Semivolatile Organics Analyzed	-	09/03/2013	08/30/2013	09/04/2013	08/30/2013	09/11/2013	08/30/2013	08/30/2013
Arsenic	mg/kg				3.2			
Barium	mg/kg		57		74			
Cadmium	mg/kg		0.34		0.55			
Chromium, Total	mg/kg		13		12			
Copper	mg/kg		12		19			
Lead	mg/kg		27		110			
Mercury	mg/kg				0.072			
Nickel	mg/kg		6.8		5.3			
Silver	mg/kg							
Zinc	mg/kg		41		120			
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg		910		130	790	58	260
Acenaphthylene	ug/kg	1300	2500				210	390
Benzo[a]anthracene	ug/kg	7000	17000	20000	240	1600	1000	1800
Benzo[b]fluoranthene	ug/kg	7600	16000	18000	370	2000	1300	2200
Benzo(a)pyrene	ug/kg	6300	13000	17000	260	1400	1100	1700
Benzo(g,h,i)perylene	ug/kg	2600	5800	6100	210	540	670	750

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-313	SB-313	SB-313	SB-313	SB-313	SB-314A	SB-314A
	Sample ID	1287319	1287355	1287355	1287321	1287320	1287322	1287354
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	12:10	12:10	12:10	12:20	12:30	13:20	13:21
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	2' - 4'	4' - 6'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-11RE1	13H1034-12	13H1034-12RE1	13H1034-14	13I0179-01	13H1034-15	13H1034-16
Constituent	Units							
Benzo(k)fluoranthene	ug/kg	2700	5900	6900		800	440	800
Carbazole	ug/kg		1400					
Chrysene	ug/kg	7400	18000	21000	360	1700	1300	2100
Dibenz(a,h)anthracene	ug/kg	840	1900				210	
Fluoranthene	ug/kg	13000	28000	38000	510	3000	1900	2900
Fluorene	ug/kg	1100	2800					
Indeno(1,2,3-c,d)pyrene	ug/kg	2900	6300	7200	240	600	740	830
Naphthalene	ug/kg		3.3					
Naphthalene	ug/kg							
Phenanthrene	ug/kg	8900	21000	25000	370	2100	990	1300
Pyrene	ug/kg	16000	36000	35000	670	3500	2500	3600
Acenaphthene	ug/kg		1000					
Acetone	ug/kg				330			
Anthracene	ug/kg	1800	4100	4400				
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg				72			
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg		820					
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-314A	SB-315A	SB-316A	SB-316A	SB-317	SB-317	SB-318
	Sample ID	1287323	1287360	1287363	1287364	1287403	1287404	1287330
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	13:25	13:40	14:10	14:20	11:55	12:00	13:10
	Sample Depth	2' - 4'	0' - 2'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-17	13H1034-19	13H1034-22	13H1034-23	13H1103-07	13H1103-08	13H1103-11
Constituent	Units							
Date Metals Analyzed	-			08/29/2013	08/29/2013	08/30/2013	08/30/2013	08/30/2013
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	08/30/2013	08/30/2013	08/30/2013	08/30/2013	09/03/2013	09/03/2013	
Date Semivolatile Organics Analyzed	-	08/30/2013	08/30/2013	08/30/2013	09/03/2013	09/05/2013	09/05/2013	
Arsenic	mg/kg							
Barium	mg/kg			37	52	58	61	22
Cadmium	mg/kg				0.31			
Chromium, Total	mg/kg			8.9	8.3	14	11	5.7
Copper	mg/kg			11	12	11	7.5	4.7
Lead	mg/kg			23	32	34	19	2.4
Mercury	mg/kg				0.069	0.057	0.030	
Nickel	mg/kg			6.2	4.2	7.0	5.0	2.5
Silver	mg/kg							
Zinc	mg/kg			34	58	63	35	11
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	210	79	150	56	220	50	
Acenaphthylene	ug/kg	300						
Benzo[a]anthracene	ug/kg	1100	450	740		280	290	
Benzo[b]fluoranthene	ug/kg	1600	720	1100		520	450	
Benzo(a)pyrene	ug/kg	1300	580	900		360	330	
Benzo(g,h,i)perylene	ug/kg	870	460	730		200	220	

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-314A	SB-315A	SB-316A	SB-316A	SB-317	SB-317	SB-318
	Sample ID	1287323	1287360	1287363	1287364	1287403	1287404	1287330
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	13:25	13:40	14:10	14:20	11:55	12:00	13:10
	Sample Depth	2' - 4'	0' - 2'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-17	13H1034-19	13H1034-22	13H1034-23	13H1103-07	13H1103-08	13H1103-11
Constituent	Units							
Benzo(k)fluoranthene	ug/kg	610	280	390				
Carbazole	ug/kg							
Chrysene	ug/kg	1700	490	830		370	410	
Dibenz(a,h)anthracene	ug/kg	210		210				
Fluoranthene	ug/kg	2400	660	1400	220	520	690	
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg	960	460	740		210	210	
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg	1400	590	970		260	450	
Pyrene	ug/kg	3200	880	1600	250	610	810	
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-318	SB-322	SB-322	SB-324	SB-324	SB-325	SB-325
	Sample ID	1287331	1287335	1287336	1287374	1287375	1287400	1287401
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	13:15	14:05	14:10	11:00	11:05	11:20	11:25
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-12	13H1103-16	13H1103-17	13H1103-01	13H1103-02	13H1103-04	13H1103-05
Constituent	Units							
Date Metals Analyzed	-	08/30/2013						
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-		09/03/2013	09/03/2013	09/03/2013	09/03/2013	09/03/2013	09/03/2013
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/kg							
Barium	mg/kg	19						
Cadmium	mg/kg							
Chromium, Total	mg/kg	5.5						
Copper	mg/kg	5.6						
Lead	mg/kg	2.3						
Mercury	mg/kg							
Nickel	mg/kg	2.8						
Silver	mg/kg							
Zinc	mg/kg	9.8						
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg		22	14	14	13	13	17
Acenaphthylene	ug/kg							
Benzo[a]anthracene	ug/kg							
Benzo[b]fluoranthene	ug/kg							
Benzo(a)pyrene	ug/kg							
Benzo(g,h,i)perylene	ug/kg							

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-318	SB-322	SB-322	SB-324	SB-324	SB-325	SB-325
	Sample ID	1287331	1287335	1287336	1287374	1287375	1287400	1287401
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	13:15	14:05	14:10	11:00	11:05	11:20	11:25
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-12	13H1103-16	13H1103-17	13H1103-01	13H1103-02	13H1103-04	13H1103-05
Constituent	Units							
Benzo(k)fluoranthene	ug/kg							
Carbazole	ug/kg							
Chrysene	ug/kg							
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg							
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg							
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg							
Pyrene	ug/kg							
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-326	SB-326	SB-327	SB-327	SB-328	SB-328	SB-329
	Sample ID	1287366	1287367	1287368	1287369	1287370	1287371	1287408
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/29/2013
	Sample Time	14:35	14:45	15:00	15:15	15:30	15:35	12:10
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-25	13H1034-26	13H1034-27	13H1034-28	13H1034-29	13H1034-30	13H1143-11
Constituent	Units							
Date Metals Analyzed	-	08/29/2013	08/29/2013	08/29/2013	08/29/2013	08/30/2013	08/30/2013	
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-							09/04/2013
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/kg							
Barium	mg/kg	68	20	140	67	48	110	
Cadmium	mg/kg	0.38			0.4	0.31	0.35	
Chromium, Total	mg/kg	9.1	7.2	11	10	15	16	
Copper	mg/kg	17	6.4	8.9	17	13	16	
Lead	mg/kg	190	13	33	82	11	8.1	
Mercury	mg/kg	0.3		0.027	0.11	0.03		
Nickel	mg/kg	4.3	4.1	4.7	6.3	7.7	6.8	
Silver	mg/kg							
Zinc	mg/kg	67	53	67	110	30	29	
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg							66
Acenaphthylene	ug/kg							
Benzo[a]anthracene	ug/kg							
Benzo[b]fluoranthene	ug/kg							
Benzo(a)pyrene	ug/kg							
Benzo(g,h,i)perylene	ug/kg							

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-326	SB-326	SB-327	SB-327	SB-328	SB-328	SB-329
	Sample ID	1287366	1287367	1287368	1287369	1287370	1287371	1287408
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/29/2013
	Sample Time	14:35	14:45	15:00	15:15	15:30	15:35	12:10
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-25	13H1034-26	13H1034-27	13H1034-28	13H1034-29	13H1034-30	13H1143-11
Constituent	Units							
Benzo(k)fluoranthene	ug/kg							
Carbazole	ug/kg							
Chrysene	ug/kg							
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg							
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg							
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg							
Pyrene	ug/kg							
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-329	SB-330	SB-330	SB-331	SB-331	SB-332	SB-333
	Sample ID	1287409	1287372	1287373	1287410	1287411	1287338	1287447
	Sample Date	08/29/2013	08/27/2013	08/27/2013	08/29/2013	08/29/2013	08/28/2013	08/30/2013
	Sample Time	12:20	15:45	15:50	12:30	12:40	14:35	10:25
	Sample Depth	2' - 3'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1143-12	13H1034-31	13H1034-32	13H1143-04	13H1143-05	13H1103-19	13H1191-13
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-				08/30/2013			
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	09/04/2013	08/30/2013	08/30/2013	09/04/2013	09/04/2013	09/03/2013	09/05/2013
Date Semivolatile Organics Analyzed	-							09/06/2013
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium, Total	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	35	39	25	190 MS	45	11	180
Acenaphthylene	ug/kg							200
Benzo[a]anthracene	ug/kg							1600
Benzo[b]fluoranthene	ug/kg							2100
Benzo(a)pyrene	ug/kg							1600
Benzo(g,h,i)perylene	ug/kg							670

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-329	SB-330	SB-330	SB-331	SB-331	SB-332	SB-333
	Sample ID	1287409	1287372	1287373	1287410	1287411	1287338	1287447
	Sample Date	08/29/2013	08/27/2013	08/27/2013	08/29/2013	08/29/2013	08/28/2013	08/30/2013
	Sample Time	12:20	15:45	15:50	12:30	12:40	14:35	10:25
	Sample Depth	2' - 3'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1143-12	13H1034-31	13H1034-32	13H1143-04	13H1143-05	13H1103-19	13H1191-13
Constituent	Units							
Benzo(k)fluoranthene	ug/kg							820
Carbazole	ug/kg							
Chrysene	ug/kg							1700
Dibenz(a,h)anthracene	ug/kg							220
Fluoranthene	ug/kg							2100
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg							770
Naphthalene	ug/kg				9.9			
Naphthalene	ug/kg							
Phenanthrene	ug/kg							930
Pyrene	ug/kg							2400
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-333	SB-333	SB-333	SB-333	SB-333	SB-339	SB-339
	Sample ID	1287448	1287448	1287449	1287450	1287450	1287451	1287455
	Sample Date	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
	Sample Time	10:30	10:30	10:35	10:40	10:40	12:20	12:20
	Sample Depth	2' - 4'	2' - 4'	4' - 6'	6' - 8'	6' - 8'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-12	13H1191-12RE1	13H1191-11	13H1191-10	13H1191-10RE1	13H1191-09	13H1191-05
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	09/05/2013		09/05/2013	09/05/2013		09/05/2013	09/05/2013
Date Semivolatile Organics Analyzed	-	09/06/2013	09/06/2013	09/06/2013	09/06/2013	09/06/2013		09/06/2013
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium, Total	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	300		21	240		18	25
Acenaphthylene	ug/kg	610			1000			
Benzo[a]anthracene	ug/kg	5600	5700		4600	4900		
Benzo[b]fluoranthene	ug/kg	6500	5500	310	4600	4400		
Benzo(a)pyrene	ug/kg	4700	4600		3500	3900		
Benzo(g,h,i)perylene	ug/kg	1400	3100		1000	2300		

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-333	SB-333	SB-333	SB-333	SB-333	SB-339	SB-339
	Sample ID	1287448	1287448	1287449	1287450	1287450	1287451	1287455
	Sample Date	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
	Sample Time	10:30	10:30	10:35	10:40	10:40	12:20	12:20
	Sample Depth	2' - 4'	2' - 4'	4' - 6'	6' - 8'	6' - 8'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-12	13H1191-12RE1	13H1191-11	13H1191-10	13H1191-10RE1	13H1191-09	13H1191-05
Constituent	Units							
Benzo(k)fluoranthene	ug/kg	2400	2000		1800			
Carbazole	ug/kg	340			490			
Chrysene	ug/kg	5800	5800	300	5000	5400		
Dibenz(a,h)anthracene	ug/kg	510	990		350			
Fluoranthene	ug/kg	10000	12000	390	9100	13000		
Fluorene	ug/kg	1100			2600	3100		
Indeno(1,2,3-c,d)pyrene	ug/kg	1700	3200		1200	2500		
Naphthalene	ug/kg							
Naphthalene	ug/kg	300			310			
Phenanthrene	ug/kg	7800	7900		14000	16000		
Pyrene	ug/kg	11000	14000	470	9600	13000		200
Acenaphthene	ug/kg	390			1000			
Acetone	ug/kg							
Anthracene	ug/kg	1600	1600		2500	2600		
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg				750			
2-Methylnaphthalene	ug/kg	370			580			
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-339	SB-339	SB-339	SB-350	SB-350	SB-351	SB-353
	Sample ID	1287452	1287453	1287454	1287345	1287398	1287325	1287327
	Sample Date	08/30/2013	08/30/2013	08/30/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013
	Sample Time	12:25	12:30	12:35	11:24	11:35	10:10	11:00
	Sample Depth	2' - 4'	4' - 6'	6' - 8'	0' - 2'	2' - 4.03'	0' - 1.5'	0' - 0.66'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-08	13H1191-07	13H1191-06	13H1143-09	13H1143-10	13H1143-06	13H1143-08
Constituent	Units							
Date Metals Analyzed	-				08/30/2013	09/03/2013		
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	09/05/2013	09/05/2013	09/05/2013	09/04/2013		09/04/2013	09/04/2013
Date Semivolatile Organics Analyzed	-							09/05/2013
Arsenic	mg/kg				6.4			
Barium	mg/kg				43	24		
Cadmium	mg/kg					0.30		
Chromium, Total	mg/kg				12	15		
Copper	mg/kg				11	21		
Lead	mg/kg				11	4.9		
Mercury	mg/kg				0.18	0.17		
Nickel	mg/kg				6.0	5.3		
Silver	mg/kg							
Zinc	mg/kg				17	18		
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	36	18	12	22		15	450
Acenaphthylene	ug/kg							
Benzo[a]anthracene	ug/kg							200
Benzo[b]fluoranthene	ug/kg							200
Benzo(a)pyrene	ug/kg							
Benzo(g,h,i)perylene	ug/kg							

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-339	SB-339	SB-339	SB-350	SB-350	SB-351	SB-353
	Sample ID	1287452	1287453	1287454	1287345	1287398	1287325	1287327
	Sample Date	08/30/2013	08/30/2013	08/30/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013
	Sample Time	12:25	12:30	12:35	11:24	11:35	10:10	11:00
	Sample Depth	2' - 4'	4' - 6'	6' - 8'	0' - 2'	2' - 4.03'	0' - 1.5'	0' - 0.66'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-08	13H1191-07	13H1191-06	13H1143-09	13H1143-10	13H1143-06	13H1143-08
Constituent	Units							
Benzo(k)fluoranthene	ug/kg							
Carbazole	ug/kg							
Chrysene	ug/kg							360
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg							250
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg							
Naphthalene	ug/kg							
Naphthalene	ug/kg							290
Phenanthrene	ug/kg							880
Pyrene	ug/kg							280
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							750
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-01	SS-01	SS-02	SS-02	SS-03	SS-03	SS-07
	Sample ID	1273761	1273761	1273762	1273762	1273763	1273763	1273741
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:05	11:05	11:08	11:08	11:13	11:13	09:50
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-18	13A0643-18RE1	13A0643-17	13A0643-17RE1	13A0643-16	13A0643-16RE1	13A0643-19
Constituent	Units							
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-		01/31/2013		01/31/2013		01/31/2013	
Date Semivolatile Organics Analyzed	-	01/29/2013		01/30/2013		01/29/2013		01/30/2013
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium, Total	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg		66		120		180	
Acenaphthylene	ug/kg			300				460
Benzo[a]anthracene	ug/kg	210		680		630		1200
Benzo[b]fluoranthene	ug/kg	380		940		1200		1400
Benzo(a)pyrene	ug/kg	260		720		790		1200
Benzo(g,h,i)perylene	ug/kg			500		300		960

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-01	SS-01	SS-02	SS-02	SS-03	SS-03	SS-07
	Sample ID	1273761	1273761	1273762	1273762	1273763	1273763	1273741
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:05	11:05	11:08	11:08	11:13	11:13	09:50
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-18	13A0643-18RE1	13A0643-17	13A0643-17RE1	13A0643-16	13A0643-16RE1	13A0643-19
Constituent	Units							
Benzo(k)fluoranthene	ug/kg			380		390		550
Carbazole	ug/kg							
Chrysene	ug/kg	340		950		1000		1400
Dibenz(a,h)anthracene	ug/kg							270
Fluoranthene	ug/kg	430		1500		1200		1900
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg	240		510		450		1000
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg	320		1200		1100		1200
Pyrene	ug/kg	410		1400		1200		2800
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-07	SS-08	SS-08	SS-09	SS-09	SS-13	SS-14
	Sample ID	1273741	1273742	1273742	1273743	1273743	1273764	1273784
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	09:50	09:55	09:55	10:00	10:00	11:22	13:35
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-19RE1	13A0643-20	13A0643-20RE1	13A0643-21	13A0643-21RE1	13A0643-15	13A0643-09
Constituent	Units							
Date Metals Analyzed	-						01/30/2013	01/30/2013
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	01/31/2013		01/31/2013		01/31/2013		
Date Semivolatile Organics Analyzed	-		01/29/2013	01/30/2013	01/29/2013			
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium, Total	mg/kg							
Copper	mg/kg							
Lead	mg/kg						11	470
Mercury	mg/kg							
Nickel	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	160		450		390		
Acenaphthylene	ug/kg		2600	3100	430			
Benzo[a]anthracene	ug/kg		9400	10000	2400			
Benzo[b]fluoranthene	ug/kg		9900	11000	3000			
Benzo(a)pyrene	ug/kg		7300	8400	2200			
Benzo(g,h,i)perylene	ug/kg		2100		870			

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-07	SS-08	SS-08	SS-09	SS-09	SS-13	SS-14
	Sample ID	1273741	1273742	1273742	1273743	1273743	1273764	1273784
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	09:50	09:55	09:55	10:00	10:00	11:22	13:35
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-19RE1	13A0643-20	13A0643-20RE1	13A0643-21	13A0643-21RE1	13A0643-15	13A0643-09
Constituent	Units							
Benzo(k)fluoranthene	ug/kg		3600	4100	1000			
Carbazole	ug/kg							
Chrysene	ug/kg		9800	11000	2600			
Dibenz(a,h)anthracene	ug/kg		880		350			
Fluoranthene	ug/kg		18000 E	22000	4400			
Fluorene	ug/kg		4000	4800	380			
Indeno(1,2,3-c,d)pyrene	ug/kg		2500	3600	1100			
Naphthalene	ug/kg							
Naphthalene	ug/kg		1200					
Phenanthrene	ug/kg		28000 E	33000	3600			
Pyrene	ug/kg		13000 E	14000	3400			
Acenaphthene	ug/kg		1200					
Acetone	ug/kg							
Anthracene	ug/kg		4000	4800	580			
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg		1400					
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-15	SS-16	SS-18	SS-19	SS-21	SS-300	SS-301
	Sample ID	1273785	1273786	1273788	1273789	1273791	1287377	1287378
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	08/28/2013	08/28/2013
	Sample Time	13:45	13:52	14:06	14:15	14:45	11:45	11:55
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-08	13A0643-07	13A0643-05	13A0643-04	13A0643-02	13H1103-25	13H1103-26
Constituent	Units							
Date Metals Analyzed	-	01/30/2013	01/29/2013	01/30/2013	01/30/2013	01/29/2013	08/30/2013	08/30/2013
Date Organics Analyzed	-		01/31/2013					
Date Pesticides/Herbicides Analyzed	-					01/28/2013	09/03/2013	09/03/2013
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-		01/28/2013					
Arsenic	mg/kg						4.2	3.7
Barium	mg/kg		46				61	45
Cadmium	mg/kg		0.29				0.53	
Chromium, Total	mg/kg		13				22	28
Copper	mg/kg		20				15	10
Lead	mg/kg	15	260	730	570	21	54	31
Mercury	mg/kg		0.048				0.19	0.071
Nickel	mg/kg		6.9				9.9	6.3
Silver	mg/kg							
Zinc	mg/kg		73				68	61
Chlordane	ug/kg					210	66000	11000 V-
Dieldrin	ug/kg							
4,4-DDT	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg					39		
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg							
Acenaphthylene	ug/kg							
Benzo[a]anthracene	ug/kg							
Benzo[b]fluoranthene	ug/kg		210					
Benzo(a)pyrene	ug/kg							
Benzo(g,h,i)perylene	ug/kg							

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-15	SS-16	SS-18	SS-19	SS-21	SS-300	SS-301
	Sample ID	1273785	1273786	1273788	1273789	1273791	1287377	1287378
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	08/28/2013	08/28/2013
	Sample Time	13:45	13:52	14:06	14:15	14:45	11:45	11:55
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-08	13A0643-07	13A0643-05	13A0643-04	13A0643-02	13H1103-25	13H1103-26
Constituent	Units							
Benzo(k)fluoranthene	ug/kg							
Carbazole	ug/kg							
Chrysene	ug/kg							
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg		250					
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg							
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg							
Pyrene	ug/kg		290					
Acenaphthene	ug/kg							
Acetone	ug/kg		22000					
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-302	SS-303	SS-304	SS-305	SS-306	SS-307	SS-308
	Sample ID	1287379	1287380	1287381	1287386	1287387	1287388	1287389
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	12:00	12:05	12:15	13:00	13:15	13:20	13:25
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-27	13H1103-28	13H1103-29	13H1103-30	13H1103-31	13H1103-32	13H1103-33
Constituent	Units							
Date Metals Analyzed	-	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-	09/03/2013	09/03/2013		09/03/2013	09/03/2013	09/03/2013	09/03/2013
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/kg		5.1	3.3		6.1	8.3	3.8
Barium	mg/kg	36	170	52	44	240	260	61
Cadmium	mg/kg		1.3	0.41	0.62	2.5	4.3	0.57
Chromium, Total	mg/kg	14	19	11	16	25	34	15
Copper	mg/kg	17	150	47	25	2100	3300	120
Lead	mg/kg	230	2000	330	44	2500	10000	300
Mercury	mg/kg		0.27	0.062	0.089	0.19	0.16	0.047
Nickel	mg/kg	7.8	11	5.9	7.6	9.8	6.8	7.1
Silver	mg/kg							
Zinc	mg/kg	270	920	250	320	1800	1400	210
Chlordane	ug/kg	73 V-	53 V-			38		
Dieldrin	ug/kg				21			
4,4-DDT	ug/kg	48	22			11	7.9	5.0
4,4-DDD	ug/kg							
4,4-DDE	ug/kg						6.1	
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg							
Acenaphthylene	ug/kg							
Benzo[a]anthracene	ug/kg							
Benzo[b]fluoranthene	ug/kg							
Benzo(a)pyrene	ug/kg							
Benzo(g,h,i)perylene	ug/kg							

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-302	SS-303	SS-304	SS-305	SS-306	SS-307	SS-308
	Sample ID	1287379	1287380	1287381	1287386	1287387	1287388	1287389
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	12:00	12:05	12:15	13:00	13:15	13:20	13:25
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-27	13H1103-28	13H1103-29	13H1103-30	13H1103-31	13H1103-32	13H1103-33
Constituent	Units							
Benzo(k)fluoranthene	ug/kg							
Carbazole	ug/kg							
Chrysene	ug/kg							
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg							
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg							
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg							
Pyrene	ug/kg							
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-309	SS-310	SS-311	SS-312	SS-313	SS-314	SS-315
	Sample ID	1287390	1287391	1287392	1287393	1287382	1287383	1287384
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	13:35	13:40	14:00	14:05	14:10	14:15	14:20
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-34	13H1103-35	13H1103-36	13H1103-37	13H1103-38	13H1103-39	13H1103-40
Constituent	Units							
Date Metals Analyzed	-	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-	09/03/2013	09/03/2013	09/03/2013			09/03/2013	09/03/2013
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/kg	6.4	3.2	3.8	5.0	6.1	15	4.5
Barium	mg/kg	74	33	53	41	55	75	64
Cadmium	mg/kg	1.6	0.51	1.7	1.1	1.6	1.5	1.2
Chromium, Total	mg/kg	13	12	15	14	18	19	16
Copper	mg/kg	79	100	350	300	330	200	320
Lead	mg/kg	410	530	1800	1200	530	840	480
Mercury	mg/kg	0.057	0.27	0.12	0.052	0.11	0.085	0.20
Nickel	mg/kg	6.9	6.4	9.4	7.5	9.8	10	8.2
Silver	mg/kg							
Zinc	mg/kg	580	57	1000	400	570	550	850
Chlordane	ug/kg							
Dieldrin	ug/kg							
4,4-DDT	ug/kg	100	7.4	9.1			8.0	7.3
4,4-DDD	ug/kg							
4,4-DDE	ug/kg	55						
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg							
Acenaphthylene	ug/kg							
Benzo[a]anthracene	ug/kg							
Benzo[b]fluoranthene	ug/kg							
Benzo(a)pyrene	ug/kg							
Benzo(g,h,i)perylene	ug/kg							

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-309	SS-310	SS-311	SS-312	SS-313	SS-314	SS-315
	Sample ID	1287390	1287391	1287392	1287393	1287382	1287383	1287384
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	13:35	13:40	14:00	14:05	14:10	14:15	14:20
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-34	13H1103-35	13H1103-36	13H1103-37	13H1103-38	13H1103-39	13H1103-40
Constituent	Units							
Benzo(k)fluoranthene	ug/kg							
Carbazole	ug/kg							
Chrysene	ug/kg							
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg							
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg							
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg							
Pyrene	ug/kg							
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-316	SS-317	SS-318	SS-318	SS-319	Test Pit 1	Test Pit 2
	Sample ID	1287394	1287395	1287396	1287406	1287397	1287349	1287350
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/29/2013	08/29/2013
	Sample Time	14:40	14:45	15:00	15:00	16:00	08:30	08:50
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	13'	13'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-41	13H1103-42	13H1103-43	13H1103-44	13H1103-45	13H1143-02	13H1143-03
Constituent	Units							
Date Metals Analyzed	-	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	09/03/2013	08/30/2013
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-			09/03/2013	09/03/2013	08/31/2013		
Date Physical Analyzed	-						09/04/2013	09/04/2013
Date Semivolatile Organics Analyzed	-						09/05/2013	09/05/2013
Arsenic	mg/kg			3.6	4.1	4.5		
Barium	mg/kg	28	42	66	71	60	32	36
Cadmium	mg/kg	0.42	0.50	0.73	0.79	1.2		
Chromium, Total	mg/kg	14	15	16	16	75	9.3	12
Copper	mg/kg	21	18	140	180	21	12	12
Lead	mg/kg	1100	660	1100	1700	31	6.0	14
Mercury	mg/kg	0.16	0.11	0.070	0.099	0.42		
Nickel	mg/kg	8.6	8.5	7.9	8.1	10	5.5	6.5
Silver	mg/kg							
Zinc	mg/kg	61	69	460	500	53	24	30
Chlordane	ug/kg			28	37	350000		
Dieldrin	ug/kg							
4,4-DDT	ug/kg			8.3 P-	8.7 P-			
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Cyanide	mg/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg						82	410
Acenaphthylene	ug/kg							2000
Benzo[a]anthracene	ug/kg						600	7800
Benzo[b]fluoranthene	ug/kg						780	9400
Benzo(a)pyrene	ug/kg						600	7500
Benzo(g,h,i)perylene	ug/kg						330	3600

Table 6-1
CONSTITUENTS DETECTED IN SOIL
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-316	SS-317	SS-318	SS-318	SS-319	Test Pit 1	Test Pit 2
	Sample ID	1287394	1287395	1287396	1287406	1287397	1287349	1287350
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/29/2013	08/29/2013
	Sample Time	14:40	14:45	15:00	15:00	16:00	08:30	08:50
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	13'	13'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-41	13H1103-42	13H1103-43	13H1103-44	13H1103-45	13H1143-02	13H1143-03
Constituent	Units							
Benzo(k)fluoranthene	ug/kg						300	3400
Carbazole	ug/kg							
Chrysene	ug/kg						670	8500
Dibenz(a,h)anthracene	ug/kg							
Fluoranthene	ug/kg						860	16000
Fluorene	ug/kg							1800
Indeno(1,2,3-c,d)pyrene	ug/kg						370	3900
Naphthalene	ug/kg							
Naphthalene	ug/kg							
Phenanthrene	ug/kg						320	13000
Pyrene	ug/kg						1100	16000
Acenaphthene	ug/kg							
Acetone	ug/kg							
Anthracene	ug/kg							2400
1,2,4-Trimethylbenzene	ug/kg							
Ethylbenzene	ug/kg							
2-Butanone (MEK)	ug/kg							
Dibenzofuran	ug/kg							
2-Methylnaphthalene	ug/kg							
Toluene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	MW-01	MW-01	MW-01	MW-01	MW-02	MW-02	MW-03
	Sample ID	1273756	1273756	1273759	1273759	1273775	1273778	1273830
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/28/2013
	Sample Time	12:12	12:12	12:35	12:35	14:35	14:49	10:23
	Sample Depth	2' - 4'	2' - 4'	8' - 10'	8' - 10'	0' - 0.5'	4' - 6'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-34	13A0643-34RE1	13A0643-37	13A0643-37RE1	13A0643-46	13A0643-49	13A0744-12
Constituent	Units							
Date PCBs Analyzed	-	01/29/2013		01/29/2013		01/31/2013	01/31/2013	
Date Metals Analyzed	-	01/29/2013		01/29/2013		01/29/2013	01/29/2013	
Date Organics Analyzed	-	01/29/2013		01/29/2013		01/30/2013	01/30/2013	02/01/2013
Date Pesticides/Herbicides Analyzed	-					01/30/2013		
Date Physical Analyzed	-		01/31/2013		01/31/2013	01/30/2013	01/30/2013	02/06/2013
Date Semivolatile Organics Analyzed	-	01/30/2013		01/29/2013		01/29/2013	01/29/2013	02/04/2013
Alachlor	ug/kg					<24		
2,4,5-Trichlorophenoxyacetic acid	ug/kg					<3.0		
2,4-D	ug/kg					<30		
Dicamba	ug/kg					<3.0		
Dalapon	ug/kg					<74		
Silvex	ug/kg					<3.0		
Arsenic	mg/kg	<2.9		<2.6		<3.0	<2.9	
Barium	mg/kg	61		23		63	18	
Cadmium	mg/kg	<0.29		<0.26		<0.30	<0.29	
Chromium, Total	mg/kg	14		5.0		13	8.4	
Copper	mg/kg	14		3.8		12	8.0	
Lead	mg/kg	170		2.1		26	3.6	
Mercury	mg/kg	0.10		<0.027		0.12	<0.030	
Nickel	mg/kg	6.6		2.7		7.6	4.4	
Selenium	mg/kg	<5.9		<5.3		<5.9	<5.7	
Silver	mg/kg	<0.59		<0.53		<0.59	<0.57	
Zinc	mg/kg	77		10		44	25	
Arochlor 1016	ug/kg	<120		<110		<120	<120	
Arochlor 1221	ug/kg	<120		<110		<120	<120	
Arochlor 1232	ug/kg	<120		<110		<120	<120	
Arochlor 1242	ug/kg	<120		<110		<120	<120	
Arochlor 1248	ug/kg	<120		<110		<120	<120	

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	MW-01	MW-01	MW-01	MW-01	MW-02	MW-02	MW-03
	Sample ID	1273756	1273756	1273759	1273759	1273775	1273778	1273830
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/28/2013
	Sample Time	12:12	12:12	12:35	12:35	14:35	14:49	10:23
	Sample Depth	2' - 4'	2' - 4'	8' - 10'	8' - 10'	0' - 0.5'	4' - 6'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-34	13A0643-34RE1	13A0643-37	13A0643-37RE1	13A0643-46	13A0643-49	13A0744-12
Constituent	Units							
Arochlor 1254	ug/kg	<120		<110		<120	<120	
Arochlor 1260	ug/kg	<120		<110		<120	<120	
Arochlor 1262	ug/kg	<120		<110		<120	<120	
Arochlor 1268	ug/kg	<120		<110		<120	<120	
Aldrin	ug/kg					<5.9		
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg					<7.1		
Chlordane	ug/kg					<24		
alpha-Hexachlorocyclohexane	ug/kg					<5.9		
beta-Hexachlorocyclohexane	ug/kg					<5.9		
delta-Hexachlorocyclohexane	ug/kg					<5.9		
Lindane	ug/kg					<2.4		
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg					<4.7		
Endrin	ug/kg					<9.4		
Endrin aldehyde	ug/kg					<9.4		
Endrin ketone	ug/kg					<9.4		
4,4-DDT	ug/kg					<4.7		
Methoxychlor	ug/kg					<59		
4,4-DDD	ug/kg					<4.7		
4,4-DDE	ug/kg					<4.7		
Heptachlor Epoxide	ug/kg					<5.9		
Heptachlor	ug/kg					<5.9		
Endosulfan Sulfate	ug/kg					<9.4		
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg					<5.9		
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg					<9.4		
Toxaphene	ug/kg					<120		
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	MW-01	MW-01	MW-01	MW-01	MW-02	MW-02	MW-03
	Sample ID	1273756	1273756	1273759	1273759	1273775	1273778	1273830
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/28/2013
	Sample Time	12:12	12:12	12:35	12:35	14:35	14:49	10:23
	Sample Depth	2' - 4'	2' - 4'	8' - 10'	8' - 10'	0' - 0.5'	4' - 6'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-34	13A0643-34RE1	13A0643-37	13A0643-37RE1	13A0643-46	13A0643-49	13A0744-12
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg		32		<11	81	<24	25
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg	<200		<190		<200	<210	<190
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg	<200		<190		280	<210	<190
Benzo[b]fluoranthene	ug/kg	<200		<190		450	<210	<190
Benzo(a)pyrene	ug/kg	<200		<190		290	<210	<190
Benzo(g,h,i)perylene	ug/kg	<200		<190		<200	<210	<190
Benzo(k)fluoranthene	ug/kg	<200		<190		<200	<210	<190
Carbazole	ug/kg							
Chrysene	ug/kg	<200		<190		340	<210	<190
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg	<200		<190		<200	<210	<190
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	MW-01	MW-01	MW-01	MW-01	MW-02	MW-02	MW-03
	Sample ID	1273756	1273756	1273759	1273759	1273775	1273778	1273830
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/28/2013
	Sample Time	12:12	12:12	12:35	12:35	14:35	14:49	10:23
	Sample Depth	2' - 4'	2' - 4'	8' - 10'	8' - 10'	0' - 0.5'	4' - 6'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-34	13A0643-34RE1	13A0643-37	13A0643-37RE1	13A0643-46	13A0643-49	13A0744-12
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg	<200		<190		630	<210	<190
Fluorene	ug/kg	<200		<190		<200	<210	<190
Indeno(1,2,3-c,d)pyrene	ug/kg	<200		<190		270	<210	<190
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg	<4.1		<3.2		<4.2	<4.5	<4.9
Naphthalene	ug/kg	<200		<190		<200	<210	<190
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg	<200		<190		320	<210	<190
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg	<200		<190		540	<210	<190
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Acenaphthene	ug/kg	<200		<190		<200	<210	<190
Acetone	ug/kg	<100		<81		<100	<110	<120
Acrylonitrile	ug/kg	<6.1		<4.9		<6.3	<6.7	<7.3

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	MW-01	MW-01	MW-01	MW-01	MW-02	MW-02	MW-03
	Sample ID	1273756	1273756	1273759	1273759	1273775	1273778	1273830
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/28/2013
	Sample Time	12:12	12:12	12:35	12:35	14:35	14:49	10:23
	Sample Depth	2' - 4'	2' - 4'	8' - 10'	8' - 10'	0' - 0.5'	4' - 6'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-34	13A0643-34RE1	13A0643-37	13A0643-37RE1	13A0643-46	13A0643-49	13A0744-12
Constituent	Units							
Anthracene	ug/kg	<200		<190		<200	<210	<190
Benzene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
1,2,3-Trichlorobenzene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
1,2,4-Trichlorobenzene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
1,2-Dichlorobenzene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
1,3,5-Trimethylbenzene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
1,3-Dichlorobenzene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
1,4-Dichlorobenzene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Bromobenzene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Chlorobenzene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Ethylbenzene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Isopropylbenzene (Cumene)	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
sec-Butylbenzene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
tert-Butylbenzene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Hexachlorobutadiene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg	<41		<32		<42	<45	<49
trans-1,4-Dichlorobutene	ug/kg	<4.1		<3.2		<4.2	<4.5	<4.9
Carbon Disulfide	ug/kg	<6.1		<4.9		<6.3	<6.7	<7.3
Carbon Tetrachloride	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	MW-01	MW-01	MW-01	MW-01	MW-02	MW-02	MW-03
	Sample ID	1273756	1273756	1273759	1273759	1273775	1273778	1273830
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/28/2013
	Sample Time	12:12	12:12	12:35	12:35	14:35	14:49	10:23
	Sample Depth	2' - 4'	2' - 4'	8' - 10'	8' - 10'	0' - 0.5'	4' - 6'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-34	13A0643-34RE1	13A0643-37	13A0643-37RE1	13A0643-46	13A0643-49	13A0744-12
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<20		<16		<21	<22	<24
1,1,1,2-Tetrachloroethane	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
1,1,1-Trichloroethane	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
1,1,2,2-Tetrachloroethane	ug/kg	<1.0		<0.81		<1.0	<1.1	<1.2
1,1,2-Trichloroethane	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<10		<8.1		<10	<11	<12
1,1-Dichloroethane	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Ethylene Dibromide	ug/kg	<1.0		<0.81		<1.0	<1.1	<1.2
1,2-Dichloroethane	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Chloroethane	ug/kg	<20		<16		<21	<22	<24
Methyl tert-Butyl ether	ug/kg	<4.1		<3.2		<4.2	<4.5	<4.9
1,1-Dichloroethylene	ug/kg	<4.1		<3.2		<4.2	<4.5	<4.9
trans-1,2-Dichloroethylene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Vinyl Chloride	ug/kg	<10		<8.1		<10	<11	<12
Tetrachloroethylene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Tetrahydrofuran	ug/kg	<10		<8.1		<10	<11	<12
Hexanone, 2-	ug/kg	<20		<16		<21	<22	<24
Bromomethane	ug/kg	<10		<8.1		<10	<11	<12
Bromodichloromethane	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Chloromethane	ug/kg	<10		<8.1		<10	<11	<12
Dibromochloromethane	ug/kg	<1.0		<0.81		<1.0	<1.1	<1.2
Methylene Dibromide	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Methylene Chloride	ug/kg	<20		<16		<21	<22	<24
Bromoform	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Chloroform	ug/kg	<4.1		<3.2		<4.2	<4.5	<4.9
Trichlorofluoromethane	ug/kg	<10		<8.1		<10	<11	<12
2-Methylnaphthalene	ug/kg	<200		<190		<200	<210	<190
Methyl Isobutyl ketone	ug/kg	<20		<16		<21	<22	<24

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	MW-01	MW-01	MW-01	MW-01	MW-02	MW-02	MW-03
	Sample ID	1273756	1273756	1273759	1273759	1273775	1273778	1273830
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/28/2013
	Sample Time	12:12	12:12	12:35	12:35	14:35	14:49	10:23
	Sample Depth	2' - 4'	2' - 4'	8' - 10'	8' - 10'	0' - 0.5'	4' - 6'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-34	13A0643-34RE1	13A0643-37	13A0643-37RE1	13A0643-46	13A0643-49	13A0744-12
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
1,2-Dibromo-3-Chloropropane	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
1,3-Dichloropropane	ug/kg	<1.0		<0.81		<1.0	<1.1	<1.2
sec-Dichloropropane	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
1,1-Dichloropropene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
trans-1,3-Dichloropropene	ug/kg	<1.0		<0.81		<1.0	<1.1	<1.2
cis-1,3-Dichloropropene	ug/kg	<1.0		<0.81		<1.0	<1.1	<1.2
Styrene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Toluene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
4-Chlorotoluene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Trichloroethylene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
o-Xylene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
Xylenes,m- & p-	ug/kg	<4.1		<3.2		<4.2	<4.5	<4.9
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
n-Butylbenzene	ug/kg	<2.0		<1.6		<2.1	<2.2	<2.4
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	MW-03	MW-03	SB-001	SB-001	SB-001	SB-001	SB-002
	Sample ID	1273831	1273831	1273750	1273750	1273752	1273752	1270649
	Sample Date	01/28/2013	01/28/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	10:26	10:26	11:27	11:27	11:37	11:37	13:10
	Sample Depth	4' - 6'	4' - 6'	0' - 2'	0' - 2'	4' - 6'	4' - 6'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-13	13A0744-13RE1	13A0643-28	13A0643-28RE1	13A0643-30	13A0643-30RE1	13A0643-11
Constituent	Units							
Date PCBs Analyzed	-			01/29/2013		01/29/2013		01/29/2013
Date Metals Analyzed	-			01/29/2013		01/29/2013		01/29/2013
Date Organics Analyzed	-	02/01/2013	02/01/2013	01/30/2013		01/29/2013		01/31/2013
Date Pesticides/Herbicides Analyzed	-							01/28/2013
Date Physical Analyzed	-	02/06/2013			01/31/2013		01/31/2013	
Date Semivolatile Organics Analyzed	-	02/04/2013		01/29/2013		01/29/2013		01/28/2013
Alachlor	ug/kg							<21
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg			<2.7		<3.2		<2.6
Barium	mg/kg			29		34		46
Cadmium	mg/kg			<0.27		<0.32		<0.26
Chromium, Total	mg/kg			9.7		20		16
Copper	mg/kg			5.2		11		13
Lead	mg/kg			9.9		6.4		4.5
Mercury	mg/kg			<0.027		0.11		<0.027
Nickel	mg/kg			7.2		8.5		11
Selenium	mg/kg			<5.4		<6.3		<5.2
Silver	mg/kg			<0.54		<0.63		<0.52
Zinc	mg/kg			18		23		25
Arochlor 1016	ug/kg			<110		<130		<100
Arochlor 1221	ug/kg			<110		<130		<100
Arochlor 1232	ug/kg			<110		<130		<100
Arochlor 1242	ug/kg			<110		<130		<100
Arochlor 1248	ug/kg			<110		<130		<100

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	MW-03	MW-03	SB-001	SB-001	SB-001	SB-001	SB-002
	Sample ID	1273831	1273831	1273750	1273750	1273752	1273752	1270649
	Sample Date	01/28/2013	01/28/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	10:26	10:26	11:27	11:27	11:37	11:37	13:10
	Sample Depth	4' - 6'	4' - 6'	0' - 2'	0' - 2'	4' - 6'	4' - 6'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-13	13A0744-13RE1	13A0643-28	13A0643-28RE1	13A0643-30	13A0643-30RE1	13A0643-11
Constituent	Units							
Arochlor 1254	ug/kg			<110		<130		<100
Arochlor 1260	ug/kg			<110		<130		<100
Arochlor 1262	ug/kg			<110		<130		<100
Arochlor 1268	ug/kg			<110		<130		<100
Aldrin	ug/kg							<5.2
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg							<6.3
Chlordane	ug/kg							<21
alpha-Hexachlorocyclohexane	ug/kg							<5.2
beta-Hexachlorocyclohexane	ug/kg							<5.2
delta-Hexachlorocyclohexane	ug/kg							<5.2
Lindane	ug/kg							<2.1
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg							<4.2
Endrin	ug/kg							<8.4
Endrin aldehyde	ug/kg							<8.4
Endrin ketone	ug/kg							<8.4
4,4-DDT	ug/kg							<4.2
Methoxychlor	ug/kg							<52
4,4-DDD	ug/kg							<4.2
4,4-DDE	ug/kg							<4.2
Heptachlor Epoxide	ug/kg							<5.2
Heptachlor	ug/kg							<5.2
Endosulfan Sulfate	ug/kg							<8.4
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							<5.2
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							<8.4
Toxaphene	ug/kg							<100
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	MW-03	MW-03	SB-001	SB-001	SB-001	SB-001	SB-002
	Sample ID	1273831	1273831	1273750	1273750	1273752	1273752	1270649
	Sample Date	01/28/2013	01/28/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	10:26	10:26	11:27	11:27	11:37	11:37	13:10
	Sample Depth	4' - 6'	4' - 6'	0' - 2'	0' - 2'	4' - 6'	4' - 6'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-13	13A0744-13RE1	13A0643-28	13A0643-28RE1	13A0643-30	13A0643-30RE1	13A0643-11
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	250			38		<25	
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg	<500		<190		<440		<180
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg	<500		<190		<440		<180
Benzo[b]fluoranthene	ug/kg	<500		<190		<440		<180
Benzo(a)pyrene	ug/kg	<500		<190		<440		<180
Benzo(g,h,i)perylene	ug/kg	<500		<190		<440		<180
Benzo(k)fluoranthene	ug/kg	<500		<190		<440		<180
Carbazole	ug/kg							
Chrysene	ug/kg	<500		<190		<440		<180
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg	<500		<190		<440		<180
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	MW-03	MW-03	SB-001	SB-001	SB-001	SB-001	SB-002
	Sample ID	1273831	1273831	1273750	1273750	1273752	1273752	1270649
	Sample Date	01/28/2013	01/28/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	10:26	10:26	11:27	11:27	11:37	11:37	13:10
	Sample Depth	4' - 6'	4' - 6'	0' - 2'	0' - 2'	4' - 6'	4' - 6'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-13	13A0744-13RE1	13A0643-28	13A0643-28RE1	13A0643-30	13A0643-30RE1	13A0643-11
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg	<500		<190		<440		<180
Fluorene	ug/kg	<500		<190		<440		<180
Indeno(1,2,3-c,d)pyrene	ug/kg	<500		<190		<440		<180
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg	<4.8	<5.8	<3.4		<3.0		<130
Naphthalene	ug/kg	<500		<190		<440		<180
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg	<500		<190		<440		<180
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg	<500		<190		<440		<180
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
Acenaphthene	ug/kg	<500		<190		<440		<180
Acetone	ug/kg	<120	<140	<85		<76		22000
Acrylonitrile	ug/kg	<7.2	<8.6	<5.1		<4.6		<320

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	MW-03	MW-03	SB-001	SB-001	SB-001	SB-001	SB-002
	Sample ID	1273831	1273831	1273750	1273750	1273752	1273752	1270649
	Sample Date	01/28/2013	01/28/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	10:26	10:26	11:27	11:27	11:37	11:37	13:10
	Sample Depth	4' - 6'	4' - 6'	0' - 2'	0' - 2'	4' - 6'	4' - 6'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-13	13A0744-13RE1	13A0643-28	13A0643-28RE1	13A0643-30	13A0643-30RE1	13A0643-11
Constituent	Units							
Anthracene	ug/kg	<500		<190		<440		<180
Benzene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
1,2,3-Trichlorobenzene	ug/kg	<2.4	<2.9	<1.7		<1.5		<320
1,2,4-Trichlorobenzene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
1,2-Dichlorobenzene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
1,3,5-Trimethylbenzene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
1,3-Dichlorobenzene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
1,4-Dichlorobenzene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
Bromobenzene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
Chlorobenzene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
Ethylbenzene	ug/kg	<2.4	<2.9	2.2		<1.5		<64
Isopropylbenzene (Cumene)	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
sec-Butylbenzene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
tert-Butylbenzene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
Hexachlorobutadiene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg	<48	<58	<34		<30		<1300
trans-1,4-Dichlorobutene	ug/kg	<4.8	<5.8	<3.4		<3.0		<130
Carbon Disulfide	ug/kg	<7.2	<8.6	<5.1		<4.6		<190
Carbon Tetrachloride	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	MW-03	MW-03	SB-001	SB-001	SB-001	SB-001	SB-002
	Sample ID	1273831	1273831	1273750	1273750	1273752	1273752	1270649
	Sample Date	01/28/2013	01/28/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	10:26	10:26	11:27	11:27	11:37	11:37	13:10
	Sample Depth	4' - 6'	4' - 6'	0' - 2'	0' - 2'	4' - 6'	4' - 6'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-13	13A0744-13RE1	13A0643-28	13A0643-28RE1	13A0643-30	13A0643-30RE1	13A0643-11
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<24	<29	<17		<15		<130
1,1,1,2-Tetrachloroethane	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
1,1,1-Trichloroethane	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
1,1,2,2-Tetrachloroethane	ug/kg	<1.2	<1.4	<0.85		<0.76		<32
1,1,2-Trichloroethane	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<12	<14	<8.5		<7.6		<64
1,1-Dichloroethane	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
Ethylene Dibromide	ug/kg	<1.2	<1.4	<0.85		<0.76		<64
1,2-Dichloroethane	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
Chloroethane	ug/kg	<24	<29	<17		<15		<130
Methyl tert-Butyl ether	ug/kg	<4.8	<5.8	<3.4		<3.0		<64
1,1-Dichloroethylene	ug/kg	<4.8	<5.8	<3.4		<3.0		<64
trans-1,2-Dichloroethylene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
Vinyl Chloride	ug/kg	<12	<14	<8.5		<7.6		<130
Tetrachloroethylene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
Tetrahydrofuran	ug/kg	<12	<14	<8.5		<7.6		<640
Hexanone, 2-	ug/kg	<24	<29	<17		<15		<640
Bromomethane	ug/kg	<12	<14	<8.5		<7.6		<130
Bromodichloromethane	ug/kg	<2.4	<2.9	<1.7		<1.5		<130
Chloromethane	ug/kg	<12	<14	<8.5		<7.6		<130
Dibromochloromethane	ug/kg	<1.2	<1.4	<0.85		<0.76		<32
Methylene Dibromide	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
Methylene Chloride	ug/kg	<24	<29	<17		<15		<320
Bromoform	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
Chloroform	ug/kg	<4.8	<5.8	<3.4		<3.0		<130
Trichlorofluoromethane	ug/kg	<12	<14	<8.5		<7.6		<130
2-Methylnaphthalene	ug/kg	<500		<190		<440		<180
Methyl Isobutyl ketone	ug/kg	<24	<29	<17		<15		<640

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	MW-03	MW-03	SB-001	SB-001	SB-001	SB-001	SB-002
	Sample ID	1273831	1273831	1273750	1273750	1273752	1273752	1270649
	Sample Date	01/28/2013	01/28/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	10:26	10:26	11:27	11:27	11:37	11:37	13:10
	Sample Depth	4' - 6'	4' - 6'	0' - 2'	0' - 2'	4' - 6'	4' - 6'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-13	13A0744-13RE1	13A0643-28	13A0643-28RE1	13A0643-30	13A0643-30RE1	13A0643-11
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg	<2.4	<2.9	<1.7		<1.5		<130
1,2-Dibromo-3-Chloropropane	ug/kg	<2.4	<2.9	<1.7		<1.5		<320
1,3-Dichloropropane	ug/kg	<1.2	<1.4	<0.85		<0.76		<32
sec-Dichloropropane	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
1,1-Dichloropropene	ug/kg	<2.4	<2.9	<1.7		<1.5		<130
trans-1,3-Dichloropropene	ug/kg	<1.2	<1.4	<0.85		<0.76		<32
cis-1,3-Dichloropropene	ug/kg	<1.2	<1.4	<0.85		<0.76		<32
Styrene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
Toluene	ug/kg	<2.4	<2.9	5.0		<1.5		<64
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
4-Chlorotoluene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
Trichloroethylene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
o-Xylene	ug/kg	<2.4	<2.9	6.5		<1.5		<64
Xylenes,m- & p-	ug/kg	<4.8	<5.8	12		<3.0		<130
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
n-Butylbenzene	ug/kg	<2.4	<2.9	<1.7		<1.5		<64
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-002	SB-003	SB-003	SB-003	SB-003	SB-004	SB-004
	Sample ID	1270649	1273768	1273768	1273769	1273769	1273744	1273744
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:10	13:40	13:40	13:47	13:47	10:08	10:08
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	0.5' - 2.0'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-11RE1	13A0643-39	13A0643-39RE1	13A0643-40	13A0643-40RE1	13A0643-22	13A0643-22RE1
Constituent	Units							
Date PCBs Analyzed	-		01/29/2013		01/29/2013		01/29/2013	
Date Metals Analyzed	-		01/29/2013		01/29/2013		01/29/2013	
Date Organics Analyzed	-		01/29/2013		01/30/2013		01/29/2013	
Date Pesticides/Herbicides Analyzed	-		01/30/2013					
Date Physical Analyzed	-	01/31/2013		01/31/2013		01/31/2013		01/31/2013
Date Semivolatile Organics Analyzed	-		01/29/2013		01/29/2013		01/29/2013	
Alachlor	ug/kg		<22					
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg		<2.7		3.0		8.6	
Barium	mg/kg		53		62		45	
Cadmium	mg/kg		<0.27		<0.26		<0.34	
Chromium, Total	mg/kg		14		11		32	
Copper	mg/kg		17		13		16	
Lead	mg/kg		7.4		12		16	
Mercury	mg/kg		<0.027		<0.026		0.067	
Nickel	mg/kg		11		7.5		11	
Selenium	mg/kg		<5.3		<5.1		<6.8	
Silver	mg/kg		<0.53		<0.51		<0.68	
Zinc	mg/kg		47		32		41	
Arochlor 1016	ug/kg		<110		<110		<130	
Arochlor 1221	ug/kg		<110		<110		<130	
Arochlor 1232	ug/kg		<110		<110		<130	
Arochlor 1242	ug/kg		<110		<110		<130	
Arochlor 1248	ug/kg		<110		<110		<130	

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-002	SB-003	SB-003	SB-003	SB-003	SB-004	SB-004
	Sample ID	1270649	1273768	1273768	1273769	1273769	1273744	1273744
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:10	13:40	13:40	13:47	13:47	10:08	10:08
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	0.5' - 2.0'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-11RE1	13A0643-39	13A0643-39RE1	13A0643-40	13A0643-40RE1	13A0643-22	13A0643-22RE1
Constituent	Units							
Arochlor 1254	ug/kg		<110		<110		<130	
Arochlor 1260	ug/kg		<110		<110		<130	
Arochlor 1262	ug/kg		<110		<110		<130	
Arochlor 1268	ug/kg		<110		<110		<130	
Aldrin	ug/kg		<5.4					
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg		<6.5					
Chlordane	ug/kg		<22					
alpha-Hexachlorocyclohexane	ug/kg		<5.4					
beta-Hexachlorocyclohexane	ug/kg		<5.4					
delta-Hexachlorocyclohexane	ug/kg		<5.4					
Lindane	ug/kg		<2.2					
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg		<4.3					
Endrin	ug/kg		<8.6					
Endrin aldehyde	ug/kg		<8.6					
Endrin ketone	ug/kg		<8.6					
4,4-DDT	ug/kg		<4.3					
Methoxychlor	ug/kg		<54					
4,4-DDD	ug/kg		<4.3					
4,4-DDE	ug/kg		<4.3					
Heptachlor Epoxide	ug/kg		<5.4					
Heptachlor	ug/kg		<5.4					
Endosulfan Sulfate	ug/kg		<8.6					
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg		<5.4					
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg		<8.6					
Toxaphene	ug/kg		<110					
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-002	SB-003	SB-003	SB-003	SB-003	SB-004	SB-004
	Sample ID	1270649	1273768	1273768	1273769	1273769	1273744	1273744
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:10	13:40	13:40	13:47	13:47	10:08	10:08
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	0.5' - 2.0'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-11RE1	13A0643-39	13A0643-39RE1	13A0643-40	13A0643-40RE1	13A0643-22	13A0643-22RE1
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	16		66		61		290
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg		<190		<180		<230	
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg		<190		410		<230	
Benzo[b]fluoranthene	ug/kg		400		740		<230	
Benzo(a)pyrene	ug/kg		240		480		<230	
Benzo(g,h,i)perylene	ug/kg		<190		260		<230	
Benzo(k)fluoranthene	ug/kg		<190		260		<230	
Carbazole	ug/kg							
Chrysene	ug/kg		240		610		<230	
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg		<190		<180		<230	
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-002	SB-003	SB-003	SB-003	SB-003	SB-004	SB-004
	Sample ID	1270649	1273768	1273768	1273769	1273769	1273744	1273744
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:10	13:40	13:40	13:47	13:47	10:08	10:08
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	0.5' - 2.0'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-11RE1	13A0643-39	13A0643-39RE1	13A0643-40	13A0643-40RE1	13A0643-22	13A0643-22RE1
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg		360		970		<230	
Fluorene	ug/kg		<190		<180		<230	
Indeno(1,2,3-c,d)pyrene	ug/kg		270		380		<230	
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg		<2.4		<3.3		<9.2	
Naphthalene	ug/kg		<190		<180		<230	
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg		<190		650		<230	
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg		350		950		<230	
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg		<1.2		<1.6		<4.6	
Acenaphthene	ug/kg		<190		<180		<230	
Acetone	ug/kg		<60		<81		<230	
Acrylonitrile	ug/kg		<3.6		<4.9		<14	

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-002	SB-003	SB-003	SB-003	SB-003	SB-004	SB-004
	Sample ID	1270649	1273768	1273768	1273769	1273769	1273744	1273744
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:10	13:40	13:40	13:47	13:47	10:08	10:08
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	0.5' - 2.0'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-11RE1	13A0643-39	13A0643-39RE1	13A0643-40	13A0643-40RE1	13A0643-22	13A0643-22RE1
Constituent	Units							
Anthracene	ug/kg		<190		<180		<230	
Benzene	ug/kg		<1.2		<1.6		<4.6	
1,2,3-Trichlorobenzene	ug/kg		<1.2		<1.6		<4.6	
1,2,4-Trichlorobenzene	ug/kg		<1.2		<1.6		<4.6	
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg		<1.2		<1.6		<4.6	
1,2-Dichlorobenzene	ug/kg		<1.2		<1.6		<4.6	
1,3,5-Trimethylbenzene	ug/kg		<1.2		<1.6		<4.6	
1,3-Dichlorobenzene	ug/kg		<1.2		<1.6		<4.6	
1,4-Dichlorobenzene	ug/kg		<1.2		<1.6		<4.6	
Bromobenzene	ug/kg		<1.2		<1.6		<4.6	
Chlorobenzene	ug/kg		<1.2		<1.6		<4.6	
Ethylbenzene	ug/kg		<1.2		<1.6		<4.6	
Isopropylbenzene (Cumene)	ug/kg		<1.2		<1.6		<4.6	
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg		<1.2		<1.6		<4.6	
sec-Butylbenzene	ug/kg		<1.2		<1.6		<4.6	
tert-Butylbenzene	ug/kg		<1.2		<1.6		<4.6	
Hexachlorobutadiene	ug/kg		<1.2		<1.6		<4.6	
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg		<24		<33		<92	
trans-1,4-Dichlorobutene	ug/kg		<2.4		<3.3		<9.2	
Carbon Disulfide	ug/kg		<3.6		<4.9		<14	
Carbon Tetrachloride	ug/kg		<1.2		<1.6		<4.6	
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg		<1.2		<1.6		<4.6	
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-002	SB-003	SB-003	SB-003	SB-003	SB-004	SB-004
	Sample ID	1270649	1273768	1273768	1273769	1273769	1273744	1273744
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:10	13:40	13:40	13:47	13:47	10:08	10:08
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	0.5' - 2.0'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-11RE1	13A0643-39	13A0643-39RE1	13A0643-40	13A0643-40RE1	13A0643-22	13A0643-22RE1
Constituent	Units							
Dichlorodifluoromethane	ug/kg		<12		<16		<46	
1,1,1,2-Tetrachloroethane	ug/kg		<1.2		<1.6		<4.6	
1,1,1-Trichloroethane	ug/kg		<1.2		<1.6		<4.6	
1,1,2,2-Tetrachloroethane	ug/kg		<0.60		<0.81		<2.3	
1,1,2-Trichloroethane	ug/kg		<1.2		<1.6		<4.6	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg		<6.0		<8.1		<23	
1,1-Dichloroethane	ug/kg		<1.2		<1.6		<4.6	
Ethylene Dibromide	ug/kg		<0.60		<0.81		<2.3	
1,2-Dichloroethane	ug/kg		<1.2		<1.6		<4.6	
Chloroethane	ug/kg		<12		<16		<46	
Methyl tert-Butyl ether	ug/kg		<2.4		<3.3		<9.2	
1,1-Dichloroethylene	ug/kg		<2.4		<3.3		<9.2	
trans-1,2-Dichloroethylene	ug/kg		<1.2		<1.6		<4.6	
Vinyl Chloride	ug/kg		<6.0		<8.1		<23	
Tetrachloroethylene	ug/kg		<1.2		<1.6		<4.6	
Tetrahydrofuran	ug/kg		<6.0		<8.1		<23	
Hexanone, 2-	ug/kg		<12		<16		<46	
Bromomethane	ug/kg		<6.0		<8.1		<23	
Bromodichloromethane	ug/kg		<1.2		<1.6		<4.6	
Chloromethane	ug/kg		<6.0		<8.1		<23	
Dibromochloromethane	ug/kg		<0.60		<0.81		<2.3	
Methylene Dibromide	ug/kg		<1.2		<1.6		<4.6	
Methylene Chloride	ug/kg		<12		<16		<46	
Bromoform	ug/kg		<1.2		<1.6		<4.6	
Chloroform	ug/kg		<2.4		<3.3		<9.2	
Trichlorofluoromethane	ug/kg		<6.0		<8.1		<23	
2-Methylnaphthalene	ug/kg		<190		<180		<230	
Methyl Isobutyl ketone	ug/kg		<12		<16		<46	

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-002	SB-003	SB-003	SB-003	SB-003	SB-004	SB-004
	Sample ID	1270649	1273768	1273768	1273769	1273769	1273744	1273744
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:10	13:40	13:40	13:47	13:47	10:08	10:08
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	0.5' - 2.0'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-11RE1	13A0643-39	13A0643-39RE1	13A0643-40	13A0643-40RE1	13A0643-22	13A0643-22RE1
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg		<1.2		<1.6		<4.6	
1,2-Dibromo-3-Chloropropane	ug/kg		<1.2		<1.6		<4.6	
1,3-Dichloropropane	ug/kg		<0.60		<0.81		<2.3	
sec-Dichloropropane	ug/kg		<1.2		<1.6		<4.6	
1,1-Dichloropropene	ug/kg		<1.2		<1.6		<4.6	
trans-1,3-Dichloropropene	ug/kg		<0.60		<0.81		<2.3	
cis-1,3-Dichloropropene	ug/kg		<0.60		<0.81		<2.3	
Styrene	ug/kg		<1.2		<1.6		<4.6	
Toluene	ug/kg		<1.2		<1.6		<4.6	
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg		<1.2		<1.6		<4.6	
4-Chlorotoluene	ug/kg		<1.2		<1.6		<4.6	
Trichloroethylene	ug/kg		<1.2		<1.6		<4.6	
o-Xylene	ug/kg		<1.2		<1.6		<4.6	
Xylenes,m- & p-	ug/kg		<2.4		<3.3		<9.2	
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg		<1.2		<1.6		<4.6	
n-Butylbenzene	ug/kg		<1.2		<1.6		<4.6	
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-005	SB-005	SB-005	SB-005	SB-006	SB-006	SB-006
	Sample ID	1273770	1273770	1273771	1273773	1273746	1273746	1273746
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:58	13:58	13:58	14:10	10:13	10:13	10:13
	Sample Depth	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	4' - 6'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-41	13A0643-41RE1	13A0643-42	13A0643-44	13A0643-24	13A0643-24RE1	13A0643-24RE2
Constituent	Units							
Date PCBs Analyzed	-	01/31/2013		01/31/2013	01/31/2013	01/29/2013		
Date Metals Analyzed	-	01/29/2013		01/29/2013	01/29/2013	01/29/2013		
Date Organics Analyzed	-	01/30/2013		01/30/2013	01/30/2013	01/29/2013		
Date Pesticides/Herbicides Analyzed	-	01/30/2013		01/30/2013				
Date Physical Analyzed	-		01/31/2013	01/31/2013	01/30/2013		01/31/2013	02/01/2013
Date Semivolatile Organics Analyzed	-	01/29/2013		01/29/2013	01/29/2013	01/29/2013		
Alachlor	ug/kg	<23		<25				
2,4,5-Trichlorophenoxyacetic acid	ug/kg	<2.8		<3.1				
2,4-D	ug/kg	<28		<31				
Dicamba	ug/kg	<2.8		<3.1				
Dalapon	ug/kg	<70		<78				
Silvex	ug/kg	<2.8		<3.1				
Arsenic	mg/kg	<2.9		<2.9	<2.7	<3.1		
Barium	mg/kg	52		50	22	55		
Cadmium	mg/kg	<0.29		<0.29	<0.27	<0.31		
Chromium, Total	mg/kg	16		16	5.7	19		
Copper	mg/kg	9.7		11	4.3	11		
Lead	mg/kg	8.3		8.1	1.8	27		
Mercury	mg/kg	0.043		0.041	<0.027	0.048		
Nickel	mg/kg	9.8		8.5	2.8	9.9		
Selenium	mg/kg	<5.8		<5.9	<5.3	<6.2		
Silver	mg/kg	<0.58		<0.59	<0.53	<0.62		
Zinc	mg/kg	28		27	14	38		
Arochlor 1016	ug/kg	<110		<120	<110	<130		
Arochlor 1221	ug/kg	<110		<120	<110	<130		
Arochlor 1232	ug/kg	<110		<120	<110	<130		
Arochlor 1242	ug/kg	<110		<120	<110	<130		
Arochlor 1248	ug/kg	<110		<120	<110	<130		

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-005	SB-005	SB-005	SB-005	SB-006	SB-006	SB-006
	Sample ID	1273770	1273770	1273771	1273773	1273746	1273746	1273746
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:58	13:58	13:58	14:10	10:13	10:13	10:13
	Sample Depth	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	4' - 6'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-41	13A0643-41RE1	13A0643-42	13A0643-44	13A0643-24	13A0643-24RE1	13A0643-24RE2
Constituent	Units							
Arochlor 1254	ug/kg	<110		<120	<110	<130		
Arochlor 1260	ug/kg	<110		<120	<110	<130		
Arochlor 1262	ug/kg	<110		<120	<110	<130		
Arochlor 1268	ug/kg	<110		<120	<110	<130		
Aldrin	ug/kg	<5.7		<6.2				
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg	<6.9		<7.5				
Chlordane	ug/kg	<23		<25				
alpha-Hexachlorocyclohexane	ug/kg	<5.7		<6.2				
beta-Hexachlorocyclohexane	ug/kg	<5.7		<6.2				
delta-Hexachlorocyclohexane	ug/kg	<5.7		<6.2				
Lindane	ug/kg	<2.3		<2.5				
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg	<4.6		<5.0				
Endrin	ug/kg	<9.2		<10				
Endrin aldehyde	ug/kg	<9.2		<10				
Endrin ketone	ug/kg	<9.2		<10				
4,4-DDT	ug/kg	<4.6		<5.0				
Methoxychlor	ug/kg	<57		<62				
4,4-DDD	ug/kg	<4.6		<5.0				
4,4-DDE	ug/kg	<4.6		<5.0				
Heptachlor Epoxide	ug/kg	<5.7		<6.2				
Heptachlor	ug/kg	<5.7		<6.2				
Endosulfan Sulfate	ug/kg	<9.2		<10				
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg	<5.7		<6.2				
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg	<9.2		<10				
Toxaphene	ug/kg	<110		<120				
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-005	SB-005	SB-005	SB-005	SB-006	SB-006	SB-006
	Sample ID	1273770	1273770	1273771	1273773	1273746	1273746	1273746
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:58	13:58	13:58	14:10	10:13	10:13	10:13
	Sample Depth	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	4' - 6'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-41	13A0643-41RE1	13A0643-42	13A0643-44	13A0643-24	13A0643-24RE1	13A0643-24RE2
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg		38	47	<11		63	73
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg	<200		<210	<190	<220		
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg	<200		<210	<190	<220		
Benzo[b]fluoranthene	ug/kg	<200		<210	<190	<220		
Benzo(a)pyrene	ug/kg	<200		<210	<190	<220		
Benzo(g,h,i)perylene	ug/kg	<200		<210	<190	<220		
Benzo(k)fluoranthene	ug/kg	<200		<210	<190	<220		
Carbazole	ug/kg							
Chrysene	ug/kg	<200		<210	<190	<220		
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg	<200		<210	<190	<220		
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-005	SB-005	SB-005	SB-005	SB-006	SB-006	SB-006
	Sample ID	1273770	1273770	1273771	1273773	1273746	1273746	1273746
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:58	13:58	13:58	14:10	10:13	10:13	10:13
	Sample Depth	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	4' - 6'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-41	13A0643-41RE1	13A0643-42	13A0643-44	13A0643-24	13A0643-24RE1	13A0643-24RE2
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg	<200		<210	<190	<220		
Fluorene	ug/kg	<200		<210	<190	<220		
Indeno(1,2,3-c,d)pyrene	ug/kg	<200		<210	<190	<220		
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg	<4.9		<5.3	<3.0	<5.0		
Naphthalene	ug/kg	<200		<210	<190	<220		
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg	<200		<210	<190	<220		
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg	<200		<210	<190	<220		
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg	<2.5		<2.7	<1.5	<2.5		
Acenaphthene	ug/kg	<200		<210	<190	<220		
Acetone	ug/kg	<120		<130	<76	<120		
Acrylonitrile	ug/kg	<7.4		<8.0	<4.6	<7.5		

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-005	SB-005	SB-005	SB-005	SB-006	SB-006	SB-006
	Sample ID	1273770	1273770	1273771	1273773	1273746	1273746	1273746
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:58	13:58	13:58	14:10	10:13	10:13	10:13
	Sample Depth	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	4' - 6'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-41	13A0643-41RE1	13A0643-42	13A0643-44	13A0643-24	13A0643-24RE1	13A0643-24RE2
Constituent	Units							
Anthracene	ug/kg	<200		<210	<190	<220		
Benzene	ug/kg	<2.5		<2.7	<1.5	<2.5		
1,2,3-Trichlorobenzene	ug/kg	<2.5		<2.7	<1.5	<2.5		
1,2,4-Trichlorobenzene	ug/kg	<2.5		<2.7	<1.5	<2.5		
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg	<2.5		<2.7	<1.5	<2.5		
1,2-Dichlorobenzene	ug/kg	<2.5		<2.7	<1.5	<2.5		
1,3,5-Trimethylbenzene	ug/kg	<2.5		<2.7	<1.5	<2.5		
1,3-Dichlorobenzene	ug/kg	<2.5		<2.7	<1.5	<2.5		
1,4-Dichlorobenzene	ug/kg	<2.5		<2.7	<1.5	<2.5		
Bromobenzene	ug/kg	<2.5		<2.7	<1.5	<2.5		
Chlorobenzene	ug/kg	<2.5		<2.7	<1.5	<2.5		
Ethylbenzene	ug/kg	<2.5		<2.7	<1.5	<2.5		
Isopropylbenzene (Cumene)	ug/kg	<2.5		<2.7	<1.5	<2.5		
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg	<2.5		<2.7	<1.5	<2.5		
sec-Butylbenzene	ug/kg	<2.5		<2.7	<1.5	<2.5		
tert-Butylbenzene	ug/kg	<2.5		<2.7	<1.5	<2.5		
Hexachlorobutadiene	ug/kg	<2.5		<2.7	<1.5	<2.5		
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg	<49		<53	<30	<50		
trans-1,4-Dichlorobutene	ug/kg	<4.9		<5.3	<3.0	<5.0		
Carbon Disulfide	ug/kg	<7.4		<8.0	<4.6	<7.5		
Carbon Tetrachloride	ug/kg	<2.5		<2.7	<1.5	<2.5		
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg	<2.5		<2.7	<1.5	<2.5		
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-005	SB-005	SB-005	SB-005	SB-006	SB-006	SB-006
	Sample ID	1273770	1273770	1273771	1273773	1273746	1273746	1273746
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:58	13:58	13:58	14:10	10:13	10:13	10:13
	Sample Depth	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	4' - 6'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-41	13A0643-41RE1	13A0643-42	13A0643-44	13A0643-24	13A0643-24RE1	13A0643-24RE2
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<25		<27	<15	<25		
1,1,1,2-Tetrachloroethane	ug/kg	<2.5		<2.7	<1.5	<2.5		
1,1,1-Trichloroethane	ug/kg	<2.5		<2.7	<1.5	<2.5		
1,1,2,2-Tetrachloroethane	ug/kg	<1.2		<1.3	<0.76	<1.2		
1,1,2-Trichloroethane	ug/kg	<2.5		<2.7	<1.5	<2.5		
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<12		<13	<7.6	<12		
1,1-Dichloroethane	ug/kg	<2.5		<2.7	<1.5	<2.5		
Ethylene Dibromide	ug/kg	<1.2		<1.3	<0.76	<1.2		
1,2-Dichloroethane	ug/kg	<2.5		<2.7	<1.5	<2.5		
Chloroethane	ug/kg	<25		<27	<15	<25		
Methyl tert-Butyl ether	ug/kg	<4.9		<5.3	<3.0	<5.0		
1,1-Dichloroethylene	ug/kg	<4.9		<5.3	<3.0	<5.0		
trans-1,2-Dichloroethylene	ug/kg	<2.5		<2.7	<1.5	<2.5		
Vinyl Chloride	ug/kg	<12		<13	<7.6	<12		
Tetrachloroethylene	ug/kg	<2.5		<2.7	<1.5	<2.5		
Tetrahydrofuran	ug/kg	<12		<13	<7.6	<12		
Hexanone, 2-	ug/kg	<25		<27	<15	<25		
Bromomethane	ug/kg	<12		<13	<7.6	<12		
Bromodichloromethane	ug/kg	<2.5		<2.7	<1.5	<2.5		
Chloromethane	ug/kg	<12		<13	<7.6	<12		
Dibromochloromethane	ug/kg	<1.2		<1.3	<0.76	<1.2		
Methylene Dibromide	ug/kg	<2.5		<2.7	<1.5	<2.5		
Methylene Chloride	ug/kg	<25		<27	<15	<25		
Bromoform	ug/kg	<2.5		<2.7	<1.5	<2.5		
Chloroform	ug/kg	<4.9		<5.3	<3.0	<5.0		
Trichlorofluoromethane	ug/kg	<12		<13	<7.6	<12		
2-Methylnaphthalene	ug/kg	<200		<210	<190	<220		
Methyl Isobutyl ketone	ug/kg	<25		<27	<15	<25		

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-005	SB-005	SB-005	SB-005	SB-006	SB-006	SB-006
	Sample ID	1273770	1273770	1273771	1273773	1273746	1273746	1273746
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:58	13:58	13:58	14:10	10:13	10:13	10:13
	Sample Depth	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	4' - 6'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-41	13A0643-41RE1	13A0643-42	13A0643-44	13A0643-24	13A0643-24RE1	13A0643-24RE2
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg	<2.5		<2.7	<1.5	<2.5		
1,2-Dibromo-3-Chloropropane	ug/kg	<2.5		<2.7	<1.5	<2.5		
1,3-Dichloropropane	ug/kg	<1.2		<1.3	<0.76	<1.2		
sec-Dichloropropane	ug/kg	<2.5		<2.7	<1.5	<2.5		
1,1-Dichloropropene	ug/kg	<2.5		<2.7	<1.5	<2.5		
trans-1,3-Dichloropropene	ug/kg	<1.2		<1.3	<0.76	<1.2		
cis-1,3-Dichloropropene	ug/kg	<1.2		<1.3	<0.76	<1.2		
Styrene	ug/kg	<2.5		<2.7	<1.5	<2.5		
Toluene	ug/kg	<2.5		<2.7	<1.5	<2.5		
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg	<2.5		<2.7	<1.5	<2.5		
4-Chlorotoluene	ug/kg	<2.5		<2.7	<1.5	<2.5		
Trichloroethylene	ug/kg	<2.5		<2.7	<1.5	<2.5		
o-Xylene	ug/kg	<2.5		<2.7	<1.5	<2.5		
Xylenes,m- & p-	ug/kg	<4.9		<5.3	<3.0	<5.0		
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg	<2.5		<2.7	<1.5	<2.5		
n-Butylbenzene	ug/kg	<2.5		<2.7	<1.5	<2.5		
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-007	SB-007	SB-007	SB-008	SB-008	SB-008	SB-009
	Sample ID	1273748	1273748	1273748	1273781	1273782	1273782	1273863
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/29/2013
	Sample Time	10:20	10:20	10:20	15:05	15:10	15:10	11:45
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	0.5' - 2.0'	0' - 1'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-26	13A0643-26RE1	13A0643-26m	13A0643-52	13A0643-53	13A0643-53RE1	13A0745-03
Constituent	Units							
Date PCBs Analyzed	-	01/29/2013			01/31/2013	01/31/2013		
Date Metals Analyzed	-	01/29/2013			01/29/2013	01/29/2013		02/02/2013
Date Organics Analyzed	-	01/29/2013		01/31/2013	01/30/2013	01/30/2013	01/30/2013	02/01/2013
Date Pesticides/Herbicides Analyzed	-				01/30/2013			
Date Physical Analyzed	-		01/31/2013		01/31/2013	01/30/2013		02/05/2013
Date Semivolatile Organics Analyzed	-	01/30/2013			01/31/2013	01/31/2013		02/04/2013
Alachlor	ug/kg				<24			
2,4,5-Trichlorophenoxyacetic acid	ug/kg				<3.0			
2,4-D	ug/kg				<30			
Dicamba	ug/kg				<3.0			
Dalapon	ug/kg				<74			
Silvex	ug/kg				<3.0			
Arsenic	mg/kg	<2.8			<3.0	<3.1		<2.5
Barium	mg/kg	35			45	31		50
Cadmium	mg/kg	<0.28			0.35	<0.31		<0.25
Chromium, Total	mg/kg	18			16	23		11
Copper	mg/kg	20			11	18		8.8
Lead	mg/kg	66			12	49		6.0
Mercury	mg/kg	0.057			0.041	0.041		<0.026
Nickel	mg/kg	10			9.1	9.3		7.5
Selenium	mg/kg	<5.7			<6.0	<6.2		<5.1
Silver	mg/kg	<0.57			<0.60	<0.62		<0.51
Zinc	mg/kg	37			40	42		25
Arochlor 1016	ug/kg	<120			<120	<130		
Arochlor 1221	ug/kg	<120			<120	<130		
Arochlor 1232	ug/kg	<120			<120	<130		
Arochlor 1242	ug/kg	<120			<120	<130		
Arochlor 1248	ug/kg	<120			<120	<130		

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-007	SB-007	SB-007	SB-008	SB-008	SB-008	SB-009
	Sample ID	1273748	1273748	1273748	1273781	1273782	1273782	1273863
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/29/2013
	Sample Time	10:20	10:20	10:20	15:05	15:10	15:10	11:45
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	0.5' - 2.0'	0' - 1'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-26	13A0643-26RE1	13A0643-26m	13A0643-52	13A0643-53	13A0643-53RE1	13A0745-03
Constituent	Units							
Arochlor 1254	ug/kg	<120			<120	<130		
Arochlor 1260	ug/kg	<120			<120	<130		
Arochlor 1262	ug/kg	<120			<120	<130		
Arochlor 1268	ug/kg	<120			<120	<130		
Aldrin	ug/kg				<5.9			
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg				<7.1			
Chlordane	ug/kg				<24			
alpha-Hexachlorocyclohexane	ug/kg				<5.9			
beta-Hexachlorocyclohexane	ug/kg				<5.9			
delta-Hexachlorocyclohexane	ug/kg				<5.9			
Lindane	ug/kg				<2.4			
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg				<4.7			
Endrin	ug/kg				<9.4			
Endrin aldehyde	ug/kg				<9.4			
Endrin ketone	ug/kg				<9.4			
4,4-DDT	ug/kg				<4.7			
Methoxychlor	ug/kg				<59			
4,4-DDD	ug/kg				<4.7			
4,4-DDE	ug/kg				<4.7			
Heptachlor Epoxide	ug/kg				<5.9			
Heptachlor	ug/kg				<5.9			
Endosulfan Sulfate	ug/kg				<9.4			
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg				<5.9			
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg				<9.4			
Toxaphene	ug/kg				<120			
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-007	SB-007	SB-007	SB-008	SB-008	SB-008	SB-009
	Sample ID	1273748	1273748	1273748	1273781	1273782	1273782	1273863
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/29/2013
	Sample Time	10:20	10:20	10:20	15:05	15:10	15:10	11:45
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	0.5' - 2.0'	0' - 1'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-26	13A0643-26RE1	13A0643-26m	13A0643-52	13A0643-53	13A0643-53RE1	13A0745-03
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg		450		43	1000		<10
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg	<200			<200	1700		<180
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg	270			<200	2200		<180
Benzo[b]fluoranthene	ug/kg	770			<200	6200		<180
Benzo(a)pyrene	ug/kg	370			<200	4100		<180
Benzo(g,h,i)perylene	ug/kg	200			<200	3400		<180
Benzo(k)fluoranthene	ug/kg	250			<200	2200		<180
Carbazole	ug/kg							
Chrysene	ug/kg	460			<200	3600		<180
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg	<200			<200	<870		<180
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-007	SB-007	SB-007	SB-008	SB-008	SB-008	SB-009
	Sample ID	1273748	1273748	1273748	1273781	1273782	1273782	1273863
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/29/2013
	Sample Time	10:20	10:20	10:20	15:05	15:10	15:10	11:45
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	0.5' - 2.0'	0' - 1'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-26	13A0643-26RE1	13A0643-26m	13A0643-52	13A0643-53	13A0643-53RE1	13A0745-03
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg	750			<200	3400		<180
Fluorene	ug/kg	<200			<200	<870		<180
Indeno(1,2,3-c,d)pyrene	ug/kg	330			<200	3800		<180
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg	<5		<330	<4.3	<6.0	<6.7	<3.4
Naphthalene	ug/kg	<200			<200	<870		<180
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg	390			<200	1300		<180
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg	440			<200	4000		<180
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
Acenaphthene	ug/kg	<200			<200	<870		<180
Acetone	ug/kg	<130		<8200	<110	<150	<170	<85
Acrylonitrile	ug/kg	<7.5		<820	<6.5	<9.0	<10	<5.1

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-007	SB-007	SB-007	SB-008	SB-008	SB-008	SB-009
	Sample ID	1273748	1273748	1273748	1273781	1273782	1273782	1273863
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/29/2013
	Sample Time	10:20	10:20	10:20	15:05	15:10	15:10	11:45
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	0.5' - 2.0'	0' - 1'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-26	13A0643-26RE1	13A0643-26m	13A0643-52	13A0643-53	13A0643-53RE1	13A0745-03
Constituent	Units							
Anthracene	ug/kg	<200			<200	<870		<180
Benzene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
1,2,3-Trichlorobenzene	ug/kg	<2.5		<820	<2.2	<3.0	<3.4	<1.7
1,2,4-Trichlorobenzene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg	2.8		<160	<2.2	<3.0	<3.4	<1.7
1,2-Dichlorobenzene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
1,3,5-Trimethylbenzene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
1,3-Dichlorobenzene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
1,4-Dichlorobenzene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
Bromobenzene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
Chlorobenzene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
Ethylbenzene	ug/kg	35		<160	<2.2	<3.0	<3.4	<1.7
Isopropylbenzene (Cumene)	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
sec-Butylbenzene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
tert-Butylbenzene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
Hexachlorobutadiene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg	<50		<3300	<43	<60	<67	<34
trans-1,4-Dichlorobutene	ug/kg	<5		<330	<4.3	<6.0	<6.7	<3.4
Carbon Disulfide	ug/kg	<7.5		<490	<6.5	<9.0	<10	<5.1
Carbon Tetrachloride	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-007	SB-007	SB-007	SB-008	SB-008	SB-008	SB-009
	Sample ID	1273748	1273748	1273748	1273781	1273782	1273782	1273863
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/29/2013
	Sample Time	10:20	10:20	10:20	15:05	15:10	15:10	11:45
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	0.5' - 2.0'	0' - 1'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-26	13A0643-26RE1	13A0643-26m	13A0643-52	13A0643-53	13A0643-53RE1	13A0745-03
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<25		<330	<22	<30	<34	<17
1,1,1,2-Tetrachloroethane	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
1,1,1-Trichloroethane	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
1,1,2,2-Tetrachloroethane	ug/kg	<1.3		<82	<1.1	<1.5	<1.7	<0.85
1,1,2-Trichloroethane	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<13		<160	<11	<15	<17	<8.5
1,1-Dichloroethane	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
Ethylene Dibromide	ug/kg	<1.3		<160	<1.1	<1.5	<1.7	<0.85
1,2-Dichloroethane	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
Chloroethane	ug/kg	<25		<330	<22	<30	<34	<17
Methyl tert-Butyl ether	ug/kg	<5		<160	<4.3	<6.0	<6.7	<3.4
1,1-Dichloroethylene	ug/kg	<5		<160	<4.3	<6.0	<6.7	<3.4
trans-1,2-Dichloroethylene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
Vinyl Chloride	ug/kg	<13		<330	<11	<15	<17	<8.5
Tetrachloroethylene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
Tetrahydrofuran	ug/kg	<13		<1600	<11	<15	<17	<8.5
Hexanone, 2-	ug/kg	<25		<1600	<22	<30	<34	<17
Bromomethane	ug/kg	<13		<330	<11	<15	<17	<8.5
Bromodichloromethane	ug/kg	<2.5		<330	<2.2	<3.0	<3.4	<1.7
Chloromethane	ug/kg	<13		<330	<11	<15	<17	<8.5
Dibromochloromethane	ug/kg	<1.3		<82	<1.1	<1.5	<1.7	<0.85
Methylene Dibromide	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
Methylene Chloride	ug/kg	<25		<820	<22	<30	<34	<17
Bromoform	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
Chloroform	ug/kg	<5		<330	<4.3	<6.0	<6.7	<3.4
Trichlorofluoromethane	ug/kg	<13		<330	<11	<15	<17	<8.5
2-Methylnaphthalene	ug/kg	<200			<200	<870		<180
Methyl Isobutyl ketone	ug/kg	<25		<1600	<22	<30	<34	<17

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-007	SB-007	SB-007	SB-008	SB-008	SB-008	SB-009
	Sample ID	1273748	1273748	1273748	1273781	1273782	1273782	1273863
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/29/2013
	Sample Time	10:20	10:20	10:20	15:05	15:10	15:10	11:45
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0.5' - 2.0'	0.5' - 2.0'	0' - 1'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-26	13A0643-26RE1	13A0643-26m	13A0643-52	13A0643-53	13A0643-53RE1	13A0745-03
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg	<2.5		<330	<2.2	<3.0	<3.4	<1.7
1,2-Dibromo-3-Chloropropane	ug/kg	<2.5		<820	<2.2	<3.0	<3.4	<1.7
1,3-Dichloropropane	ug/kg	<1.3		<82	<1.1	<1.5	<1.7	<0.85
sec-Dichloropropane	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
1,1-Dichloropropene	ug/kg	<2.5		<330	<2.2	<3.0	<3.4	<1.7
trans-1,3-Dichloropropene	ug/kg	<1.3		<82	<1.1	<1.5	<1.7	<0.85
cis-1,3-Dichloropropene	ug/kg	<1.3		<82	<1.1	<1.5	<1.7	<0.85
Styrene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
Toluene	ug/kg	490 E		160	<2.2	<3.0	<3.4	<1.7
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
4-Chlorotoluene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
Trichloroethylene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
o-Xylene	ug/kg	50		<160	<2.2	<3.0	<3.4	<1.7
Xylenes,m- & p-	ug/kg	150		<330	<4.3	<6.0	<6.7	<3.4
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
n-Butylbenzene	ug/kg	<2.5		<160	<2.2	<3.0	<3.4	<1.7
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-010	SB-011	SB-012	SB-014	SB-015	SB-016	SB-022
	Sample ID	1273864	1273865	1273866	1273801	1273802	1273803	1273800
	Sample Date	01/29/2013	01/29/2013	01/29/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	13:05	13:30	14:15	15:55	15:50	16:05	10:45
	Sample Depth	0' - 1.8'	0' - 1.5'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0.0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0745-04	13A0745-05	13A0745-06	13A0687-38	13A0687-39	13A0687-40	13A0687-01
Constituent	Units							
Date PCBs Analyzed	-				01/31/2013	01/31/2013	01/31/2013	
Date Metals Analyzed	-	02/02/2013	02/02/2013	02/02/2013	01/30/2013	01/30/2013	01/30/2013	
Date Organics Analyzed	-	02/01/2013	02/01/2013	02/01/2013				01/30/2013
Date Pesticides/Herbicides Analyzed	-							01/31/2013
Date Physical Analyzed	-	02/05/2013	02/05/2013	02/05/2013	02/01/2013	02/01/2013	02/01/2013	01/31/2013
Date Semivolatile Organics Analyzed	-	02/04/2013	02/04/2013	02/04/2013	01/31/2013	01/31/2013	01/31/2013	01/31/2013
Alachlor	ug/kg							<25
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg	<2.5	<2.7	<2.6	<2.7	<2.8	<2.6	
Barium	mg/kg	60	62	62	14	14	34	
Cadmium	mg/kg	<0.25	<0.27	<0.26	<0.27	<0.28	<0.26	
Chromium, Total	mg/kg	19	19	17	8.0	10	4.9	
Copper	mg/kg	24	14	15	2.9	3.4	5.1	
Lead	mg/kg	5.1	5.3	5.6	3.3	5.9	1.9	
Mercury	mg/kg	<0.026	<0.027	<0.027	<0.028	<0.028	<0.027	
Nickel	mg/kg	14	12	11	3.8	4.9	3.3	
Selenium	mg/kg	<4.9	<5.4	<5.3	<5.4	<5.7	<5.2	
Silver	mg/kg	<0.49	<0.54	<0.53	<0.54	<0.57	<0.52	
Zinc	mg/kg	25	22	23	15	18	16	
Arochlor 1016	ug/kg				<110	<120	<110	
Arochlor 1221	ug/kg				<110	<120	<110	
Arochlor 1232	ug/kg				<110	<120	<110	
Arochlor 1242	ug/kg				<110	<120	<110	
Arochlor 1248	ug/kg				<110	<120	<110	

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-010	SB-011	SB-012	SB-014	SB-015	SB-016	SB-022
	Sample ID	1273864	1273865	1273866	1273801	1273802	1273803	1273800
	Sample Date	01/29/2013	01/29/2013	01/29/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	13:05	13:30	14:15	15:55	15:50	16:05	10:45
	Sample Depth	0' - 1.8'	0' - 1.5'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0.0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0745-04	13A0745-05	13A0745-06	13A0687-38	13A0687-39	13A0687-40	13A0687-01
Constituent	Units							
Arochlor 1254	ug/kg				<110	<120	<110	
Arochlor 1260	ug/kg				<110	<120	<110	
Arochlor 1262	ug/kg				<110	<120	<110	
Arochlor 1268	ug/kg				<110	<120	<110	
Aldrin	ug/kg							<6.3
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg							<7.6
Chlordane	ug/kg							<25
alpha-Hexachlorocyclohexane	ug/kg							<6.3
beta-Hexachlorocyclohexane	ug/kg							<6.3
delta-Hexachlorocyclohexane	ug/kg							<6.3
Lindane	ug/kg							<2.5
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg							<5.1
Endrin	ug/kg							<10
Endrin aldehyde	ug/kg							<10
Endrin ketone	ug/kg							<10
4,4-DDT	ug/kg							<5.1
Methoxychlor	ug/kg							<63
4,4-DDD	ug/kg							<5.1
4,4-DDE	ug/kg							<5.1
Heptachlor Epoxide	ug/kg							<6.3
Heptachlor	ug/kg							<6.3
Endosulfan Sulfate	ug/kg							<10
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							<6.3
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							<10
Toxaphene	ug/kg							<130
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-010	SB-011	SB-012	SB-014	SB-015	SB-016	SB-022
	Sample ID	1273864	1273865	1273866	1273801	1273802	1273803	1273800
	Sample Date	01/29/2013	01/29/2013	01/29/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	13:05	13:30	14:15	15:55	15:50	16:05	10:45
	Sample Depth	0' - 1.8'	0' - 1.5'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0.0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0745-04	13A0745-05	13A0745-06	13A0687-38	13A0687-39	13A0687-40	13A0687-01
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	11	<11	16	<11	140	<11	65
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg	<180	<180	<190	<190	770	<180	<210
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg	<180	<180	<190	<190	930	<180	<210
Benzo[b]fluoranthene	ug/kg	<180	<180	<190	<190	1100	<180	<210
Benzo(a)pyrene	ug/kg	<180	<180	<190	<190	960	<180	<210
Benzo(g,h,i)perylene	ug/kg	<180	<180	<190	<190	820	<180	<210
Benzo(k)fluoranthene	ug/kg	<180	<180	<190	<190	520	<180	<210
Carbazole	ug/kg							
Chrysene	ug/kg	<180	<180	<190	<190	1000	<180	<210
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg	<180	<180	<190	<190	<200	<180	<210
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-010	SB-011	SB-012	SB-014	SB-015	SB-016	SB-022
	Sample ID	1273864	1273865	1273866	1273801	1273802	1273803	1273800
	Sample Date	01/29/2013	01/29/2013	01/29/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	13:05	13:30	14:15	15:55	15:50	16:05	10:45
	Sample Depth	0' - 1.8'	0' - 1.5'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0.0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0745-04	13A0745-05	13A0745-06	13A0687-38	13A0687-39	13A0687-40	13A0687-01
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg	<180	<180	<190	<190	2000	<180	320
Fluorene	ug/kg	<180	<180	<190	<190	340	<180	<210
Indeno(1,2,3-c,d)pyrene	ug/kg	<180	<180	<190	<190	950	<180	<210
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg	<3.4	<3.3	<1.5				<16
Naphthalene	ug/kg	<180	<180	<190	<190	<200	<180	<210
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg	<180	<180	<190	200	2200	<180	<210
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg	<180	<180	<190	<190	2100	<180	300
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg	<1.7	<1.7	<0.75				<8.0
Acenaphthene	ug/kg	<180	<180	<190	<190	<200	<180	<210
Acetone	ug/kg	<84	<83	<37				<400
Acrylonitrile	ug/kg	<5.1	<5.0	<2.2				<24

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-010	SB-011	SB-012	SB-014	SB-015	SB-016	SB-022
	Sample ID	1273864	1273865	1273866	1273801	1273802	1273803	1273800
	Sample Date	01/29/2013	01/29/2013	01/29/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	13:05	13:30	14:15	15:55	15:50	16:05	10:45
	Sample Depth	0' - 1.8'	0' - 1.5'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0.0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0745-04	13A0745-05	13A0745-06	13A0687-38	13A0687-39	13A0687-40	13A0687-01
Constituent	Units							
Anthracene	ug/kg	<180	<180	<190	<190	440	<180	<210
Benzene	ug/kg	<1.7	<1.7	<0.75				<8.0
1,2,3-Trichlorobenzene	ug/kg	<1.7	<1.7	<0.75				<8.0
1,2,4-Trichlorobenzene	ug/kg	<1.7	<1.7	<0.75				<8.0
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg	<1.7	<1.7	<0.75				<8.0
1,2-Dichlorobenzene	ug/kg	<1.7	<1.7	<0.75				<8.0
1,3,5-Trimethylbenzene	ug/kg	<1.7	<1.7	<0.75				<8.0
1,3-Dichlorobenzene	ug/kg	<1.7	<1.7	<0.75				<8.0
1,4-Dichlorobenzene	ug/kg	<1.7	<1.7	<0.75				<8.0
Bromobenzene	ug/kg	<1.7	<1.7	<0.75				<8.0
Chlorobenzene	ug/kg	<1.7	<1.7	<0.75				<8.0
Ethylbenzene	ug/kg	<1.7	<1.7	<0.75				<8.0
Isopropylbenzene (Cumene)	ug/kg	<1.7	<1.7	<0.75				<8.0
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg	<1.7	<1.7	<0.75				<8.0
sec-Butylbenzene	ug/kg	<1.7	<1.7	<0.75				<8.0
tert-Butylbenzene	ug/kg	<1.7	<1.7	<0.75				<8.0
Hexachlorobutadiene	ug/kg	<1.7	<1.7	<0.75				<8.0
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg	<34	<33	<15				<160
trans-1,4-Dichlorobutene	ug/kg	<3.4	<3.3	<1.5				<16
Carbon Disulfide	ug/kg	<5.1	<5.0	<2.2				<24
Carbon Tetrachloride	ug/kg	<1.7	<1.7	<0.75				<8.0
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg	<1.7	<1.7	<0.75				<8.0
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-010	SB-011	SB-012	SB-014	SB-015	SB-016	SB-022
	Sample ID	1273864	1273865	1273866	1273801	1273802	1273803	1273800
	Sample Date	01/29/2013	01/29/2013	01/29/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	13:05	13:30	14:15	15:55	15:50	16:05	10:45
	Sample Depth	0' - 1.8'	0' - 1.5'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0.0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0745-04	13A0745-05	13A0745-06	13A0687-38	13A0687-39	13A0687-40	13A0687-01
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<17	<17	<7.5				<80
1,1,1,2-Tetrachloroethane	ug/kg	<1.7	<1.7	<0.75				<8.0
1,1,1-Trichloroethane	ug/kg	<1.7	<1.7	<0.75				<8.0
1,1,2,2-Tetrachloroethane	ug/kg	<0.84	<0.83	<0.37				<4.0
1,1,2-Trichloroethane	ug/kg	<1.7	<1.7	<0.75				<8.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<8.4	<8.3	<3.7				<40
1,1-Dichloroethane	ug/kg	<1.7	<1.7	<0.75				<8.0
Ethylene Dibromide	ug/kg	<0.84	<0.83	<0.37				<4.0
1,2-Dichloroethane	ug/kg	<1.7	<1.7	<0.75				<8.0
Chloroethane	ug/kg	<17	<17	<7.5				<80
Methyl tert-Butyl ether	ug/kg	<3.4	<3.3	<1.5				<16
1,1-Dichloroethylene	ug/kg	<3.4	<3.3	<1.5				<16
trans-1,2-Dichloroethylene	ug/kg	<1.7	<1.7	<0.75				<8.0
Vinyl Chloride	ug/kg	<8.4	<8.3	<3.7				<40
Tetrachloroethylene	ug/kg	<1.7	<1.7	<0.75				<8.0
Tetrahydrofuran	ug/kg	<8.4	<8.3	<3.7				<40
Hexanone, 2-	ug/kg	<17	<17	<7.5				<80
Bromomethane	ug/kg	<8.4	<8.3	<3.7				<40
Bromodichloromethane	ug/kg	<1.7	<1.7	<0.75				<8.0
Chloromethane	ug/kg	<8.4	<8.3	<3.7				<40
Dibromochloromethane	ug/kg	<0.84	<0.83	<0.37				<4.0
Methylene Dibromide	ug/kg	<1.7	<1.7	<0.75				<8.0
Methylene Chloride	ug/kg	<17	<17	<7.5				<80
Bromoform	ug/kg	<1.7	<1.7	<0.75				<8.0
Chloroform	ug/kg	<3.4	<3.3	<1.5				<16
Trichlorofluoromethane	ug/kg	<8.4	<8.3	<3.7				<40
2-Methylnaphthalene	ug/kg	<180	<180	<190	<190	<200	<180	<210
Methyl Isobutyl ketone	ug/kg	<17	<17	<7.5				<80

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-010	SB-011	SB-012	SB-014	SB-015	SB-016	SB-022
	Sample ID	1273864	1273865	1273866	1273801	1273802	1273803	1273800
	Sample Date	01/29/2013	01/29/2013	01/29/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	13:05	13:30	14:15	15:55	15:50	16:05	10:45
	Sample Depth	0' - 1.8'	0' - 1.5'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0.0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0745-04	13A0745-05	13A0745-06	13A0687-38	13A0687-39	13A0687-40	13A0687-01
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg	<1.7	<1.7	<0.75				<8.0
1,2-Dibromo-3-Chloropropane	ug/kg	<1.7	<1.7	<0.75				<8.0
1,3-Dichloropropane	ug/kg	<0.84	<0.83	<0.37				<4.0
sec-Dichloropropane	ug/kg	<1.7	<1.7	<0.75				<8.0
1,1-Dichloropropene	ug/kg	<1.7	<1.7	<0.75				<8.0
trans-1,3-Dichloropropene	ug/kg	<0.84	<0.83	<0.37				<4.0
cis-1,3-Dichloropropene	ug/kg	<0.84	<0.83	<0.37				<4.0
Styrene	ug/kg	<1.7	<1.7	<0.75				<8.0
Toluene	ug/kg	<1.7	<1.7	<0.75				<8.0
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg	<1.7	<1.7	<0.75				<8.0
4-Chlorotoluene	ug/kg	<1.7	<1.7	<0.75				<8.0
Trichloroethylene	ug/kg	<1.7	<1.7	<0.75				<8.0
o-Xylene	ug/kg	<1.7	<1.7	<0.75				<8.0
Xylenes,m- & p-	ug/kg	<3.4	<3.3	<1.5				<16
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg	<1.7	<1.7	<0.75				<8.0
n-Butylbenzene	ug/kg	<1.7	<1.7	<0.75				<8.0
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-022	SB-023	SB-023	SB-023	SB-028	SB-028	SB-029
	Sample ID	1273804	1273805	1273805	1273806	1273808	1273810	1273807
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	10:50	11:05	11:05	11:10	11:50	12:00	11:30
	Sample Depth	0.5' - 2.0'	0.0' - 0.5'	0.0' - 0.5'	0.5' - 2.0'	0' - 2'	4' - 5.5'	0.0' - 2.0'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-02	13A0687-03	13A0687-03RE1	13A0687-04	13A0687-06	13A0687-08	13A0687-05
Constituent	Units							
Date PCBs Analyzed	-							
Date Metals Analyzed	-		02/01/2013		02/01/2013	01/30/2013	01/30/2013	01/30/2013
Date Organics Analyzed	-	01/30/2013	01/30/2013		01/30/2013	01/30/2013	01/30/2013	01/30/2013
Date Pesticides/Herbicides Analyzed	-		02/01/2013					
Date Physical Analyzed	-	01/31/2013	02/01/2013		01/31/2013	01/30/2013	01/31/2013	01/31/2013
Date Semivolatile Organics Analyzed	-	01/31/2013	01/31/2013	01/31/2013	02/01/2013	01/31/2013	01/31/2013	01/31/2013
Alachlor	ug/kg		<27					
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg		<3.3		<2.8	<2.7	<2.6	<2.7
Barium	mg/kg		55		34	24	24	23
Cadmium	mg/kg		0.44		<0.28	<0.27	<0.26	<0.27
Chromium, Total	mg/kg		13		14	7.8	12	9.4
Copper	mg/kg		16		8.7	6.2	6.6	3.5
Lead	mg/kg		610		14	3.4	1.9	9.0
Mercury	mg/kg		0.13		0.040	<0.027	<0.026	0.042
Nickel	mg/kg		7.2		7.4	5.0	5.0	4.4
Selenium	mg/kg		<6.5		<5.7	<5.3	<5.1	<5.5
Silver	mg/kg		<0.65		<0.57	<0.53	<0.51	<0.55
Zinc	mg/kg		160		36	16	15	18
Arochlor 1016	ug/kg							
Arochlor 1221	ug/kg							
Arochlor 1232	ug/kg							
Arochlor 1242	ug/kg							
Arochlor 1248	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-022	SB-023	SB-023	SB-023	SB-028	SB-028	SB-029
	Sample ID	1273804	1273805	1273805	1273806	1273808	1273810	1273807
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	10:50	11:05	11:05	11:10	11:50	12:00	11:30
	Sample Depth	0.5' - 2.0'	0.0' - 0.5'	0.0' - 0.5'	0.5' - 2.0'	0' - 2'	4' - 5.5'	0.0' - 2.0'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-02	13A0687-03	13A0687-03RE1	13A0687-04	13A0687-06	13A0687-08	13A0687-05
Constituent	Units							
Arochlor 1254	ug/kg							
Arochlor 1260	ug/kg							
Arochlor 1262	ug/kg							
Arochlor 1268	ug/kg							
Aldrin	ug/kg		<6.7					
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg		<8.0					
Chlordane	ug/kg		<27					
alpha-Hexachlorocyclohexane	ug/kg		<6.7					
beta-Hexachlorocyclohexane	ug/kg		<6.7					
delta-Hexachlorocyclohexane	ug/kg		<6.7					
Lindane	ug/kg		<2.7					
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg		<5.3					
Endrin	ug/kg		<11					
Endrin aldehyde	ug/kg		<11					
Endrin ketone	ug/kg		<11					
4,4-DDT	ug/kg		<5.3					
Methoxychlor	ug/kg		<67					
4,4-DDD	ug/kg		<5.3					
4,4-DDE	ug/kg		<5.3					
Heptachlor Epoxide	ug/kg		<6.7					
Heptachlor	ug/kg		<6.7					
Endosulfan Sulfate	ug/kg		<11					
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg		<6.7					
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg		<11					
Toxaphene	ug/kg		<130					
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-022	SB-023	SB-023	SB-023	SB-028	SB-028	SB-029
	Sample ID	1273804	1273805	1273805	1273806	1273808	1273810	1273807
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	10:50	11:05	11:05	11:10	11:50	12:00	11:30
	Sample Depth	0.5' - 2.0'	0.0' - 0.5'	0.0' - 0.5'	0.5' - 2.0'	0' - 2'	4' - 5.5'	0.0' - 2.0'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-02	13A0687-03	13A0687-03RE1	13A0687-04	13A0687-06	13A0687-08	13A0687-05
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	82	240		44	<11	200	24
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg	<210	<440		<200	<180	<180	<190
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg	220	4700		<200	<180	<180	<190
Benzo[b]fluoranthene	ug/kg	320	4400		<200	<180	<180	<190
Benzo(a)pyrene	ug/kg	230	3400		<200	<180	<180	<190
Benzo(g,h,i)perylene	ug/kg	<210	1000		<200	<180	<180	<190
Benzo(k)fluoranthene	ug/kg	<210	1500		<200	<180	<180	<190
Carbazole	ug/kg							
Chrysene	ug/kg	290	5500		<200	<180	<180	<190
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg	<210	530		<200	<180	<180	<190
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-022	SB-023	SB-023	SB-023	SB-028	SB-028	SB-029
	Sample ID	1273804	1273805	1273805	1273806	1273808	1273810	1273807
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	10:50	11:05	11:05	11:10	11:50	12:00	11:30
	Sample Depth	0.5' - 2.0'	0.0' - 0.5'	0.0' - 0.5'	0.5' - 2.0'	0' - 2'	4' - 5.5'	0.0' - 2.0'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-02	13A0687-03	13A0687-03RE1	13A0687-04	13A0687-06	13A0687-08	13A0687-05
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg	400	8000		<200	<180	<180	<190
Fluorene	ug/kg	<210	<440		<200	<180	<180	<190
Indeno(1,2,3-c,d)pyrene	ug/kg	260	1400		<200	<180	<180	<190
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg	<5.7	<8.5		<9.6	<5.6	<8.5	<6.4
Naphthalene	ug/kg	<210	<440		<200	<180	<180	<190
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg	380		10000	<200	<180	450	<190
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg	410	7700		<200	<180	<180	<190
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Acenaphthene	ug/kg	<210	<440		<200	<180	<180	<190
Acetone	ug/kg	<140	<210		<240	<140	<210	<160
Acrylonitrile	ug/kg	<8.5	<13		<14	<8.4	<13	<9.6

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-022	SB-023	SB-023	SB-023	SB-028	SB-028	SB-029
	Sample ID	1273804	1273805	1273805	1273806	1273808	1273810	1273807
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	10:50	11:05	11:05	11:10	11:50	12:00	11:30
	Sample Depth	0.5' - 2.0'	0.0' - 0.5'	0.0' - 0.5'	0.5' - 2.0'	0' - 2'	4' - 5.5'	0.0' - 2.0'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-02	13A0687-03	13A0687-03RE1	13A0687-04	13A0687-06	13A0687-08	13A0687-05
Constituent	Units							
Anthracene	ug/kg	<210	1800		<200	<180	<180	<190
Benzene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
1,2,3-Trichlorobenzene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
1,2,4-Trichlorobenzene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
1,2-Dichlorobenzene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
1,3,5-Trimethylbenzene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
1,3-Dichlorobenzene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
1,4-Dichlorobenzene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Bromobenzene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Chlorobenzene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Ethylbenzene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Isopropylbenzene (Cumene)	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
sec-Butylbenzene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
tert-Butylbenzene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Hexachlorobutadiene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg	<57	<85		<96	<56	<85	<64
trans-1,4-Dichlorobutene	ug/kg	<5.7	<8.5		<9.6	<5.6	<8.5	<6.4
Carbon Disulfide	ug/kg	<8.5	<13		<14	<8.4	<13	<9.6
Carbon Tetrachloride	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-022	SB-023	SB-023	SB-023	SB-028	SB-028	SB-029
	Sample ID	1273804	1273805	1273805	1273806	1273808	1273810	1273807
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	10:50	11:05	11:05	11:10	11:50	12:00	11:30
	Sample Depth	0.5' - 2.0'	0.0' - 0.5'	0.0' - 0.5'	0.5' - 2.0'	0' - 2'	4' - 5.5'	0.0' - 2.0'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-02	13A0687-03	13A0687-03RE1	13A0687-04	13A0687-06	13A0687-08	13A0687-05
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<28	<42		<48	<28	<43	<32
1,1,1,2-Tetrachloroethane	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
1,1,1-Trichloroethane	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
1,1,2,2-Tetrachloroethane	ug/kg	<1.4	<2.1		<2.4	<1.4	<2.1	<1.6
1,1,2-Trichloroethane	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<14	<21		<24	<14	<21	<16
1,1-Dichloroethane	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Ethylene Dibromide	ug/kg	<1.4	<2.1		<2.4	<1.4	<2.1	<1.6
1,2-Dichloroethane	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Chloroethane	ug/kg	<28	<42		<48	<28	<43	<32
Methyl tert-Butyl ether	ug/kg	<5.7	<8.5		<9.6	<5.6	<8.5	<6.4
1,1-Dichloroethylene	ug/kg	<5.7	<8.5		<9.6	<5.6	<8.5	<6.4
trans-1,2-Dichloroethylene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Vinyl Chloride	ug/kg	<14	<21		<24	<14	<21	<16
Tetrachloroethylene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Tetrahydrofuran	ug/kg	<14	<21		<24	<14	<21	<16
Hexanone, 2-	ug/kg	<28	<42		<48	<28	<43	<32
Bromomethane	ug/kg	<14	<21		<24	<14	<21	<16
Bromodichloromethane	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Chloromethane	ug/kg	<14	<21		<24	<14	<21	<16
Dibromochloromethane	ug/kg	<1.4	<2.1		<2.4	<1.4	<2.1	<1.6
Methylene Dibromide	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Methylene Chloride	ug/kg	<28	<42		<48	<28	<43	<32
Bromoform	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Chloroform	ug/kg	<5.7	<8.5		<9.6	<5.6	<8.5	<6.4
Trichlorofluoromethane	ug/kg	<14	<21		<24	<14	<21	<16
2-Methylnaphthalene	ug/kg	<210	<440		<200	<180	<180	<190
Methyl Isobutyl ketone	ug/kg	<28	<42		<48	<28	<43	<32

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-022	SB-023	SB-023	SB-023	SB-028	SB-028	SB-029
	Sample ID	1273804	1273805	1273805	1273806	1273808	1273810	1273807
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	10:50	11:05	11:05	11:10	11:50	12:00	11:30
	Sample Depth	0.5' - 2.0'	0.0' - 0.5'	0.0' - 0.5'	0.5' - 2.0'	0' - 2'	4' - 5.5'	0.0' - 2.0'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-02	13A0687-03	13A0687-03RE1	13A0687-04	13A0687-06	13A0687-08	13A0687-05
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
1,2-Dibromo-3-Chloropropane	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
1,3-Dichloropropane	ug/kg	<1.4	<2.1		<2.4	<1.4	<2.1	<1.6
sec-Dichloropropane	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
1,1-Dichloropropene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
trans-1,3-Dichloropropene	ug/kg	<1.4	<2.1		<2.4	<1.4	<2.1	<1.6
cis-1,3-Dichloropropene	ug/kg	<1.4	<2.1		<2.4	<1.4	<2.1	<1.6
Styrene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Toluene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
4-Chlorotoluene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Trichloroethylene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
o-Xylene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
Xylenes,m- & p-	ug/kg	<5.7	<8.5		<9.6	<5.6	<8.5	<6.4
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
n-Butylbenzene	ug/kg	<2.8	<4.2		<4.8	<2.8	<4.3	<3.2
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-032	SB-032	SB-033	SB-033	SB-034	SB-034	SB-035
	Sample ID	1273844	1273852	1273840	1273841	1273765	1273765	1273766
	Sample Date	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:38	14:42	11:20	11:22	11:33	11:33	11:38
	Sample Depth	2' - 4'	6' - 7.5'	2' - 4'	4' - 6'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-26	13A0744-34	13A0744-22	13A0744-23	13A0643-14	13A0643-14RE1	13A0643-12
Constituent	Units							
Date PCBs Analyzed	-							
Date Metals Analyzed	-							
Date Organics Analyzed	-	02/01/2013	02/01/2013	02/01/2013	02/01/2013	01/29/2013		01/29/2013
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	02/05/2013	02/06/2013	02/06/2013	02/06/2013		01/31/2013	
Date Semivolatile Organics Analyzed	-	02/04/2013	02/04/2013	02/04/2013	02/05/2013	01/28/2013		01/28/2013
Alachlor	ug/kg							
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium, Total	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Selenium	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
Arochlor 1016	ug/kg							
Arochlor 1221	ug/kg							
Arochlor 1232	ug/kg							
Arochlor 1242	ug/kg							
Arochlor 1248	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-032	SB-032	SB-033	SB-033	SB-034	SB-034	SB-035
	Sample ID	1273844	1273852	1273840	1273841	1273765	1273765	1273766
	Sample Date	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:38	14:42	11:20	11:22	11:33	11:33	11:38
	Sample Depth	2' - 4'	6' - 7.5'	2' - 4'	4' - 6'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-26	13A0744-34	13A0744-22	13A0744-23	13A0643-14	13A0643-14RE1	13A0643-12
Constituent	Units							
Arochlor 1254	ug/kg							
Arochlor 1260	ug/kg							
Arochlor 1262	ug/kg							
Arochlor 1268	ug/kg							
Aldrin	ug/kg							
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-032	SB-032	SB-033	SB-033	SB-034	SB-034	SB-035
	Sample ID	1273844	1273852	1273840	1273841	1273765	1273765	1273766
	Sample Date	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:38	14:42	11:20	11:22	11:33	11:33	11:38
	Sample Depth	2' - 4'	6' - 7.5'	2' - 4'	4' - 6'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-26	13A0744-34	13A0744-22	13A0744-23	13A0643-14	13A0643-14RE1	13A0643-12
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	<10	<10	20	11		55	
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg	<170	<170	<190	<180	<370		<190
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg	<170	<170	<190	<180	<370		<190
Benzo[b]fluoranthene	ug/kg	<170	<170	<190	<180	<370		<190
Benzo(a)pyrene	ug/kg	<170	<170	<190	<180	<370		<190
Benzo(g,h,i)perylene	ug/kg	<170	<170	<190	<180	<370		<190
Benzo(k)fluoranthene	ug/kg	<170	<170	<190	<180	<370		<190
Carbazole	ug/kg							
Chrysene	ug/kg	<170	<170	<190	<180	<370		<190
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg	<170	<170	<190	<180	<370		<190
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-032	SB-032	SB-033	SB-033	SB-034	SB-034	SB-035
	Sample ID	1273844	1273852	1273840	1273841	1273765	1273765	1273766
	Sample Date	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:38	14:42	11:20	11:22	11:33	11:33	11:38
	Sample Depth	2' - 4'	6' - 7.5'	2' - 4'	4' - 6'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-26	13A0744-34	13A0744-22	13A0744-23	13A0643-14	13A0643-14RE1	13A0643-12
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg	<170	<170	<190	<180	520		<190
Fluorene	ug/kg	<170	<170	<190	<180	<370		<190
Indeno(1,2,3-c,d)pyrene	ug/kg	<170	<170	<190	<180	<370		<190
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg	<1.9	<1.5	<3.7	<3.5	<4.0		<4.3
Naphthalene	ug/kg	<170	<170	<190	<180	<370		<190
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg	<170	<170	<190	<180	370		<190
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg	<170	<170	<190	<180	590		<190
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Acenaphthene	ug/kg	<170	<170	<190	<180	<370		<190
Acetone	ug/kg	<46	<39	<92	<87	<99		<110
Acrylonitrile	ug/kg	<2.8	<2.3	<5.5	<5.2	<5.9		<6.5

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-032	SB-032	SB-033	SB-033	SB-034	SB-034	SB-035
	Sample ID	1273844	1273852	1273840	1273841	1273765	1273765	1273766
	Sample Date	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:38	14:42	11:20	11:22	11:33	11:33	11:38
	Sample Depth	2' - 4'	6' - 7.5'	2' - 4'	4' - 6'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-26	13A0744-34	13A0744-22	13A0744-23	13A0643-14	13A0643-14RE1	13A0643-12
Constituent	Units							
Anthracene	ug/kg	<170	<170	<190	<180	<370		<190
Benzene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
1,2,3-Trichlorobenzene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
1,2,4-Trichlorobenzene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
1,2-Dichlorobenzene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
1,3,5-Trimethylbenzene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
1,3-Dichlorobenzene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
1,4-Dichlorobenzene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Bromobenzene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Chlorobenzene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Ethylbenzene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Isopropylbenzene (Cumene)	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
sec-Butylbenzene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
tert-Butylbenzene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Hexachlorobutadiene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg	<19	<15	<37	<35	<40		<43
trans-1,4-Dichlorobutene	ug/kg	<1.9	<1.5	<3.7	<3.5	<4.0		<4.3
Carbon Disulfide	ug/kg	<2.8	<2.3	<5.5	<5.2	<5.9		<6.5
Carbon Tetrachloride	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-032	SB-032	SB-033	SB-033	SB-034	SB-034	SB-035
	Sample ID	1273844	1273852	1273840	1273841	1273765	1273765	1273766
	Sample Date	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:38	14:42	11:20	11:22	11:33	11:33	11:38
	Sample Depth	2' - 4'	6' - 7.5'	2' - 4'	4' - 6'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-26	13A0744-34	13A0744-22	13A0744-23	13A0643-14	13A0643-14RE1	13A0643-12
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<9.3	<7.7	<18	<17	<20		<22
1,1,1,2-Tetrachloroethane	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
1,1,1-Trichloroethane	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
1,1,2,2-Tetrachloroethane	ug/kg	<0.46	<0.39	<0.92	<0.87	<0.99		<1.1
1,1,2-Trichloroethane	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<4.6	<3.9	<9.2	<8.7	<9.9		<11
1,1-Dichloroethane	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Ethylene Dibromide	ug/kg	<0.46	<0.39	<0.92	<0.87	<0.99		<1.1
1,2-Dichloroethane	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Chloroethane	ug/kg	<9.3	<7.7	<18	<17	<20		<22
Methyl tert-Butyl ether	ug/kg	<1.9	<1.5	<3.7	<3.5	<4.0		<4.3
1,1-Dichloroethylene	ug/kg	<1.9	<1.5	<3.7	<3.5	<4.0		<4.3
trans-1,2-Dichloroethylene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Vinyl Chloride	ug/kg	<4.6	<3.9	<9.2	<8.7	<9.9		<11
Tetrachloroethylene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Tetrahydrofuran	ug/kg	<4.6	<3.9	<9.2	<8.7	<9.9		<11
Hexanone, 2-	ug/kg	<9.3	<7.7	<18	<17	<20		<22
Bromomethane	ug/kg	<4.6	<3.9	<9.2	<8.7	<9.9		<11
Bromodichloromethane	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Chloromethane	ug/kg	<4.6	<3.9	<9.2	<8.7	<9.9		<11
Dibromochloromethane	ug/kg	<0.46	<0.39	<0.92	<0.87	<0.99		<1.1
Methylene Dibromide	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Methylene Chloride	ug/kg	<9.3	<7.7	<18	<17	<20		<22
Bromoform	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Chloroform	ug/kg	<1.9	<1.5	<3.7	<3.5	<4.0		<4.3
Trichlorofluoromethane	ug/kg	<4.6	<3.9	<9.2	<8.7	<9.9		<11
2-Methylnaphthalene	ug/kg	<170	<170	<190	<180	<370		<190
Methyl Isobutyl ketone	ug/kg	<9.3	<7.7	<18	<17	<20		<22

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

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	Location ID	SB-032	SB-032	SB-033	SB-033	SB-034	SB-034	SB-035
	Sample ID	1273844	1273852	1273840	1273841	1273765	1273765	1273766
	Sample Date	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:38	14:42	11:20	11:22	11:33	11:33	11:38
	Sample Depth	2' - 4'	6' - 7.5'	2' - 4'	4' - 6'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-26	13A0744-34	13A0744-22	13A0744-23	13A0643-14	13A0643-14RE1	13A0643-12
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
1,2-Dibromo-3-Chloropropane	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
1,3-Dichloropropane	ug/kg	<0.46	<0.39	<0.92	<0.87	<0.99		<1.1
sec-Dichloropropane	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
1,1-Dichloropropene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
trans-1,3-Dichloropropene	ug/kg	<0.46	<0.39	<0.92	<0.87	<0.99		<1.1
cis-1,3-Dichloropropene	ug/kg	<0.46	<0.39	<0.92	<0.87	<0.99		<1.1
Styrene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Toluene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
4-Chlorotoluene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Trichloroethylene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
o-Xylene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
Xylenes,m- & p-	ug/kg	<1.9	<1.5	<3.7	<3.5	<4.0		<4.3
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
n-Butylbenzene	ug/kg	<0.93	<0.77	<1.8	<1.7	<2.0		<2.2
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-035	SB-035	SB-035	SB-037	SB-038	SB-038	SB-039
	Sample ID	1273766	1273767	1273767	1273869	1273867	1273868	1273871
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/29/2013	01/29/2013	01/29/2013	01/30/2013
	Sample Time	11:38	11:38	11:38	15:05	14:37	14:37	14:11
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-12RE1	13A0643-13	13A0643-13RE1	13A0745-09	13A0745-07	13A0745-08	13A0792-01
Constituent	Units							
Date PCBs Analyzed	-					02/04/2013	02/04/2013	
Date Metals Analyzed	-					02/02/2013	02/02/2013	
Date Organics Analyzed	-		01/29/2013		02/01/2013	02/01/2013	02/01/2013	02/05/2013
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	01/31/2013		01/31/2013	02/05/2013	02/06/2013	02/06/2013	02/06/2013
Date Semivolatile Organics Analyzed	-		01/28/2013		02/04/2013	02/04/2013	02/04/2013	02/06/2013
Alachlor	ug/kg							
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg					<2.8	<2.7	
Barium	mg/kg					42	35	
Cadmium	mg/kg					<0.28	<0.27	
Chromium, Total	mg/kg					9.6	7.1	
Copper	mg/kg					17	14	
Lead	mg/kg					76	52	
Mercury	mg/kg					<0.028	<0.026	
Nickel	mg/kg					6.9	5.5	
Selenium	mg/kg					<5.6	<5.3	
Silver	mg/kg					0.78	<0.53	
Zinc	mg/kg					25	19	
Arochlor 1016	ug/kg					<110	<100	
Arochlor 1221	ug/kg					<110	<100	
Arochlor 1232	ug/kg					<110	<100	
Arochlor 1242	ug/kg					<110	<100	
Arochlor 1248	ug/kg					<110	<100	

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-035	SB-035	SB-035	SB-037	SB-038	SB-038	SB-039
	Sample ID	1273766	1273767	1273767	1273869	1273867	1273868	1273871
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/29/2013	01/29/2013	01/29/2013	01/30/2013
	Sample Time	11:38	11:38	11:38	15:05	14:37	14:37	14:11
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-12RE1	13A0643-13	13A0643-13RE1	13A0745-09	13A0745-07	13A0745-08	13A0792-01
Constituent	Units							
Arochlor 1254	ug/kg					<110	<100	
Arochlor 1260	ug/kg					<110	<100	
Arochlor 1262	ug/kg					<110	<100	
Arochlor 1268	ug/kg					<110	<100	
Aldrin	ug/kg							
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-035	SB-035	SB-035	SB-037	SB-038	SB-038	SB-039
	Sample ID	1273766	1273767	1273767	1273869	1273867	1273868	1273871
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/29/2013	01/29/2013	01/29/2013	01/30/2013
	Sample Time	11:38	11:38	11:38	15:05	14:37	14:37	14:11
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-12RE1	13A0643-13	13A0643-13RE1	13A0745-09	13A0745-07	13A0745-08	13A0792-01
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	38		61	19	570	470	<11
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg		<190		<180	<190	<180	<180
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg		<190		<180	<190	<180	<180
Benzo[b]fluoranthene	ug/kg		<190		<180	<190	<180	<180
Benzo(a)pyrene	ug/kg		<190		<180	<190	<180	<180
Benzo(g,h,i)perylene	ug/kg		<190		<180	<190	<180	<180
Benzo(k)fluoranthene	ug/kg		<190		<180	<190	<180	<180
Carbazole	ug/kg							
Chrysene	ug/kg		<190		<180	<190	<180	<180
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg		<190		<180	<190	<180	<180
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-035	SB-035	SB-035	SB-037	SB-038	SB-038	SB-039
	Sample ID	1273766	1273767	1273767	1273869	1273867	1273868	1273871
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/29/2013	01/29/2013	01/29/2013	01/30/2013
	Sample Time	11:38	11:38	11:38	15:05	14:37	14:37	14:11
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-12RE1	13A0643-13	13A0643-13RE1	13A0745-09	13A0745-07	13A0745-08	13A0792-01
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg		<190		<180	<190	<180	<180
Fluorene	ug/kg		<190		<180	<190	<180	<180
Indeno(1,2,3-c,d)pyrene	ug/kg		<190		<180	<190	<180	<180
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg		<4.5		<2.0	<2.9	<2.0	<2.0
Naphthalene	ug/kg		<190		<180	270	<180	<180
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg		<190		<180	250	<180	<180
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg		210		<180	<190	<180	<180
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Acenaphthene	ug/kg		<190		<180	<190	<180	<180
Acetone	ug/kg		<110		<51	<72	<51	<51
Acrylonitrile	ug/kg		<6.8		<3.0	<4.3	<3.1	<3.0

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-035	SB-035	SB-035	SB-037	SB-038	SB-038	SB-039
	Sample ID	1273766	1273767	1273767	1273869	1273867	1273868	1273871
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/29/2013	01/29/2013	01/29/2013	01/30/2013
	Sample Time	11:38	11:38	11:38	15:05	14:37	14:37	14:11
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-12RE1	13A0643-13	13A0643-13RE1	13A0745-09	13A0745-07	13A0745-08	13A0792-01
Constituent	Units							
Anthracene	ug/kg		<190		<180	<190	<180	<180
Benzene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
1,2,3-Trichlorobenzene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
1,2,4-Trichlorobenzene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
1,2-Dichlorobenzene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
1,3,5-Trimethylbenzene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
1,3-Dichlorobenzene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
1,4-Dichlorobenzene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Bromobenzene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Chlorobenzene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Ethylbenzene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Isopropylbenzene (Cumene)	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
sec-Butylbenzene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
tert-Butylbenzene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Hexachlorobutadiene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg		<45		<20	<29	<20	<20
trans-1,4-Dichlorobutene	ug/kg		<4.5		<2.0	<2.9	<2.0	<2.0
Carbon Disulfide	ug/kg		<6.8		<3.0	<4.3	<3.1	<3.0
Carbon Tetrachloride	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-035	SB-035	SB-035	SB-037	SB-038	SB-038	SB-039
	Sample ID	1273766	1273767	1273767	1273869	1273867	1273868	1273871
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/29/2013	01/29/2013	01/29/2013	01/30/2013
	Sample Time	11:38	11:38	11:38	15:05	14:37	14:37	14:11
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-12RE1	13A0643-13	13A0643-13RE1	13A0745-09	13A0745-07	13A0745-08	13A0792-01
Constituent	Units							
Dichlorodifluoromethane	ug/kg		<23		<10	<14	<10	<10
1,1,1,2-Tetrachloroethane	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
1,1,1-Trichloroethane	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
1,1,2,2-Tetrachloroethane	ug/kg		<1.1		<0.51	<0.72	<0.51	<0.51
1,1,2-Trichloroethane	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg		<11		<5.1	<7.2	<5.1	<5.1
1,1-Dichloroethane	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Ethylene Dibromide	ug/kg		<1.1		<0.51	<0.72	<0.51	<0.51
1,2-Dichloroethane	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Chloroethane	ug/kg		<23		<10	<14	<10	<10
Methyl tert-Butyl ether	ug/kg		<4.5		<2.0	<2.9	<2.0	<2.0
1,1-Dichloroethylene	ug/kg		<4.5		<2.0	<2.9	<2.0	<2.0
trans-1,2-Dichloroethylene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Vinyl Chloride	ug/kg		<11		<5.1	<7.2	<5.1	<5.1
Tetrachloroethylene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Tetrahydrofuran	ug/kg		<11		<5.1	<7.2	<5.1	<5.1
Hexanone, 2-	ug/kg		<23		<10	<14	<10	<10
Bromomethane	ug/kg		<11		<5.1	<7.2	<5.1	<5.1
Bromodichloromethane	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Chloromethane	ug/kg		<11		<5.1	<7.2	<5.1	<5.1
Dibromochloromethane	ug/kg		<1.1		<0.51	<0.72	<0.51	<0.51
Methylene Dibromide	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Methylene Chloride	ug/kg		<23		<10	<14	<10	<10
Bromoform	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Chloroform	ug/kg		<4.5		<2.0	<2.9	<2.0	<2.0
Trichlorofluoromethane	ug/kg		<11		<5.1	<7.2	<5.1	<5.1
2-Methylnaphthalene	ug/kg		<190		<180	<190	<180	<180
Methyl Isobutyl ketone	ug/kg		<23		<10	<14	<10	<10

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-035	SB-035	SB-035	SB-037	SB-038	SB-038	SB-039
	Sample ID	1273766	1273767	1273767	1273869	1273867	1273868	1273871
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/29/2013	01/29/2013	01/29/2013	01/30/2013
	Sample Time	11:38	11:38	11:38	15:05	14:37	14:37	14:11
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-12RE1	13A0643-13	13A0643-13RE1	13A0745-09	13A0745-07	13A0745-08	13A0792-01
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
1,2-Dibromo-3-Chloropropane	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
1,3-Dichloropropane	ug/kg		<1.1		<0.51	<0.72	<0.51	<0.51
sec-Dichloropropane	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
1,1-Dichloropropene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
trans-1,3-Dichloropropene	ug/kg		<1.1		<0.51	<0.72	<0.51	<0.51
cis-1,3-Dichloropropene	ug/kg		<1.1		<0.51	<0.72	<0.51	<0.51
Styrene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Toluene	ug/kg		<2.3		<1.0	1.6	<1.0	<1.0
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
4-Chlorotoluene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Trichloroethylene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
o-Xylene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
Xylenes,m- & p-	ug/kg		<4.5		<2.0	<2.9	<2.0	<2.0
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
n-Butylbenzene	ug/kg		<2.3		<1.0	<1.4	<1.0	<1.0
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-040	SB-040	SB-040	SB-041	SB-041	SB-042	SB-042
	Sample ID	1273811	1273811	1273812	1273813	1273814	1273824	1273828
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	13:20	13:20	13:25	13:45	13:50	15:00	15:00
	Sample Depth	0.0' - 0.5'	0.0' - 0.5'	0.5' - 2'	0.0' - 0.5'	0.5' - 2'	0.0' - 2.5'	0' - 2.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-09	13A0687-09RE1	13A0687-10	13A0687-11	13A0687-12	13A0687-22	13A0687-23
Constituent	Units							
Date PCBs Analyzed	-	01/31/2013		01/31/2013	01/31/2013	01/31/2013	01/31/2013	01/31/2013
Date Metals Analyzed	-	01/30/2013		01/30/2013	01/30/2013	01/30/2013	01/30/2013	01/30/2013
Date Organics Analyzed	-	01/30/2013		01/30/2013	01/30/2013	01/30/2013	01/31/2013	01/31/2013
Date Pesticides/Herbicides Analyzed	-	02/01/2013			02/01/2013		02/01/2013	02/01/2013
Date Physical Analyzed	-	01/31/2013		02/01/2013	02/01/2013	02/01/2013	02/01/2013	02/01/2013
Date Semivolatile Organics Analyzed	-	01/31/2013	01/31/2013	01/31/2013	01/31/2013	01/31/2013	01/31/2013	01/31/2013
Alachlor	ug/kg	<23			<22		<22	<22
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg	<2.9		<2.8	<2.7	<2.8	<2.7	<2.7
Barium	mg/kg	38		41	51	45	41	41
Cadmium	mg/kg	<0.29		<0.28	<0.27	<0.28	<0.27	<0.27
Chromium, Total	mg/kg	10		11	14	14	9.5	7.9
Copper	mg/kg	14		10	9.2	9.8	9.8	11
Lead	mg/kg	32		18	24	15	7.3	6.9
Mercury	mg/kg	0.13		0.036	0.040	0.055	<0.028	<0.028
Nickel	mg/kg	6.3		6.3	7.4	7.7	5.6	4.0
Selenium	mg/kg	<5.7		<5.7	<5.4	<5.5	<5.4	<5.5
Silver	mg/kg	<0.57		<0.57	<0.54	<0.55	<0.54	<0.55
Zinc	mg/kg	37		36	50	42	31	38
Arochlor 1016	ug/kg	<120		<120	<110	<110	<110	<110
Arochlor 1221	ug/kg	<120		<120	<110	<110	<110	<110
Arochlor 1232	ug/kg	<120		<120	<110	<110	<110	<110
Arochlor 1242	ug/kg	<120		<120	<110	<110	<110	<110
Arochlor 1248	ug/kg	<120		<120	<110	<110	<110	<110

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-040	SB-040	SB-040	SB-041	SB-041	SB-042	SB-042
	Sample ID	1273811	1273811	1273812	1273813	1273814	1273824	1273828
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	13:20	13:20	13:25	13:45	13:50	15:00	15:00
	Sample Depth	0.0' - 0.5'	0.0' - 0.5'	0.5' - 2'	0.0' - 0.5'	0.5' - 2'	0.0' - 2.5'	0' - 2.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-09	13A0687-09RE1	13A0687-10	13A0687-11	13A0687-12	13A0687-22	13A0687-23
Constituent	Units							
Arochlor 1254	ug/kg	<120		<120	<110	<110	<110	<110
Arochlor 1260	ug/kg	<120		<120	<110	<110	<110	<110
Arochlor 1262	ug/kg	<120		<120	<110	<110	<110	<110
Arochlor 1268	ug/kg	<120		<120	<110	<110	<110	<110
Aldrin	ug/kg	<5.8			<5.6		<5.6	<5.6
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg	<7.0			<6.7		<6.7	<6.7
Chlordane	ug/kg	<23			<22		<22	<22
alpha-Hexachlorocyclohexane	ug/kg	<5.8			<5.6		<5.6	<5.6
beta-Hexachlorocyclohexane	ug/kg	<5.8			<5.6		<5.6	<5.6
delta-Hexachlorocyclohexane	ug/kg	<5.8			<5.6		<5.6	<5.6
Lindane	ug/kg	<2.3			<2.2		<2.2	<2.2
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg	<4.7			<4.5		<4.4	<4.5
Endrin	ug/kg	<9.4			<9.0		<8.9	<9.0
Endrin aldehyde	ug/kg	<9.4			<9.0		<8.9	<9.0
Endrin ketone	ug/kg	<9.4			<9.0		<8.9	<9.0
4,4-DDT	ug/kg	<4.7			<4.5		<4.4	<4.5
Methoxychlor	ug/kg	<58			<56		<56	<56
4,4-DDD	ug/kg	<4.7			<4.5		<4.4	<4.5
4,4-DDE	ug/kg	<4.7			<4.5		<4.4	<4.5
Heptachlor Epoxide	ug/kg	<5.8			<5.6		<5.6	<5.6
Heptachlor	ug/kg	<5.8			<5.6		<5.6	<5.6
Endosulfan Sulfate	ug/kg	<9.4			<9.0		<8.9	<9.0
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg	<5.8			<5.6		<5.6	<5.6
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg	<9.4			<9.0		<8.9	<9.0
Toxaphene	ug/kg	<120			<110		<110	<110
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-040	SB-040	SB-040	SB-041	SB-041	SB-042	SB-042
	Sample ID	1273811	1273811	1273812	1273813	1273814	1273824	1273828
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	13:20	13:20	13:25	13:45	13:50	15:00	15:00
	Sample Depth	0.0' - 0.5'	0.0' - 0.5'	0.5' - 2'	0.0' - 0.5'	0.5' - 2'	0.0' - 2.5'	0' - 2.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-09	13A0687-09RE1	13A0687-10	13A0687-11	13A0687-12	13A0687-22	13A0687-23
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	100		240	150	110	110	96
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg	770		<390	<380	250	400	200
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg	5300	5300	1400	1600	860	1400	440
Benzo[b]fluoranthene	ug/kg	4400		2500	2000	940	1800	550
Benzo(a)pyrene	ug/kg	3600		1700	1500	770	1600	520
Benzo(g,h,i)perylene	ug/kg	1500		600	560	460	1300	430
Benzo(k)fluoranthene	ug/kg	1600		820	670	330	630	240
Carbazole	ug/kg							
Chrysene	ug/kg	4400		1600	1800	960	1600	500
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg	420		<390	<380	<190	<380	<190
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-040	SB-040	SB-040	SB-041	SB-041	SB-042	SB-042
	Sample ID	1273811	1273811	1273812	1273813	1273814	1273824	1273828
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	13:20	13:20	13:25	13:45	13:50	15:00	15:00
	Sample Depth	0.0' - 0.5'	0.0' - 0.5'	0.5' - 2'	0.0' - 0.5'	0.5' - 2'	0.0' - 2.5'	0' - 2.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-09	13A0687-09RE1	13A0687-10	13A0687-11	13A0687-12	13A0687-22	13A0687-23
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg		11000	2600	3000	1600	2500	850
Fluorene	ug/kg	620		<390	<380	<190	<380	<190
Indeno(1,2,3-c,d)pyrene	ug/kg	1800		890	780	510	1300	460
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg	<6.6		<7.2	<8.1	<4.2	<4.1	<6.2
Naphthalene	ug/kg	<200		<390	<380	<190	<380	<190
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg		5700	1200	1400	1200	1700	520
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg		10000	1900	2600	1700	2700	860
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Acenaphthene	ug/kg	290		<390	<380	<190	<380	<190
Acetone	ug/kg	<160		<180	<200	<110	<100	<150
Acrylonitrile	ug/kg	<9.8		<11	<12	<6.3	<6.2	<9.2

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-040	SB-040	SB-040	SB-041	SB-041	SB-042	SB-042
	Sample ID	1273811	1273811	1273812	1273813	1273814	1273824	1273828
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	13:20	13:20	13:25	13:45	13:50	15:00	15:00
	Sample Depth	0.0' - 0.5'	0.0' - 0.5'	0.5' - 2'	0.0' - 0.5'	0.5' - 2'	0.0' - 2.5'	0' - 2.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-09	13A0687-09RE1	13A0687-10	13A0687-11	13A0687-12	13A0687-22	13A0687-23
Constituent	Units							
Anthracene	ug/kg	1700		<390	<380	240	<380	<190
Benzene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
1,2,3-Trichlorobenzene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
1,2,4-Trichlorobenzene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
1,2-Dichlorobenzene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
1,3,5-Trimethylbenzene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
1,3-Dichlorobenzene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
1,4-Dichlorobenzene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Bromobenzene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Chlorobenzene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Ethylbenzene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Isopropylbenzene (Cumene)	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
sec-Butylbenzene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
tert-Butylbenzene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Hexachlorobutadiene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg	<66		<72	<81	<42	<41	<62
trans-1,4-Dichlorobutene	ug/kg	<6.6		<7.2	<8.1	<4.2	<4.1	<6.2
Carbon Disulfide	ug/kg	<9.8		<11	<12	<6.3	<6.2	<9.2
Carbon Tetrachloride	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-040	SB-040	SB-040	SB-041	SB-041	SB-042	SB-042
	Sample ID	1273811	1273811	1273812	1273813	1273814	1273824	1273828
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	13:20	13:20	13:25	13:45	13:50	15:00	15:00
	Sample Depth	0.0' - 0.5'	0.0' - 0.5'	0.5' - 2'	0.0' - 0.5'	0.5' - 2'	0.0' - 2.5'	0' - 2.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-09	13A0687-09RE1	13A0687-10	13A0687-11	13A0687-12	13A0687-22	13A0687-23
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<33		<36	<41	<21	<21	<31
1,1,1,2-Tetrachloroethane	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
1,1,1-Trichloroethane	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
1,1,2,2-Tetrachloroethane	ug/kg	<1.6		<1.8	<2.0	<1.1	<1.0	<1.5
1,1,2-Trichloroethane	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<16		<18	<20	<11	<10	<15
1,1-Dichloroethane	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Ethylene Dibromide	ug/kg	<1.6		<1.8	<2.0	<1.1	<1.0	<1.5
1,2-Dichloroethane	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Chloroethane	ug/kg	<33		<36	<41	<21	<21	<31
Methyl tert-Butyl ether	ug/kg	<6.6		<7.2	<8.1	<4.2	<4.1	<6.2
1,1-Dichloroethylene	ug/kg	<6.6		<7.2	<8.1	<4.2	<4.1	<6.2
trans-1,2-Dichloroethylene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Vinyl Chloride	ug/kg	<16		<18	<20	<11	<10	<15
Tetrachloroethylene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Tetrahydrofuran	ug/kg	<16		<18	<20	<11	<10	<15
Hexanone, 2-	ug/kg	<33		<36	<41	<21	<21	<31
Bromomethane	ug/kg	<16		<18	<20	<11	<10	<15
Bromodichloromethane	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Chloromethane	ug/kg	<16		<18	<20	<11	<10	<15
Dibromochloromethane	ug/kg	<1.6		<1.8	<2.0	<1.1	<1.0	<1.5
Methylene Dibromide	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Methylene Chloride	ug/kg	<33		<36	<41	<21	<21	<31
Bromoform	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Chloroform	ug/kg	<6.6		<7.2	<8.1	<4.2	<4.1	<6.2
Trichlorofluoromethane	ug/kg	<16		<18	<20	<11	<10	<15
2-Methylnaphthalene	ug/kg	<200		<390	<380	<190	<380	<190
Methyl Isobutyl ketone	ug/kg	<33		<36	<41	<21	<21	<31

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-040	SB-040	SB-040	SB-041	SB-041	SB-042	SB-042
	Sample ID	1273811	1273811	1273812	1273813	1273814	1273824	1273828
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	13:20	13:20	13:25	13:45	13:50	15:00	15:00
	Sample Depth	0.0' - 0.5'	0.0' - 0.5'	0.5' - 2'	0.0' - 0.5'	0.5' - 2'	0.0' - 2.5'	0' - 2.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-09	13A0687-09RE1	13A0687-10	13A0687-11	13A0687-12	13A0687-22	13A0687-23
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
1,2-Dibromo-3-Chloropropane	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
1,3-Dichloropropane	ug/kg	<1.6		<1.8	<2.0	<1.1	<1.0	<1.5
sec-Dichloropropane	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
1,1-Dichloropropene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
trans-1,3-Dichloropropene	ug/kg	<1.6		<1.8	<2.0	<1.1	<1.0	<1.5
cis-1,3-Dichloropropene	ug/kg	<1.6		<1.8	<2.0	<1.1	<1.0	<1.5
Styrene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Toluene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
4-Chlorotoluene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Trichloroethylene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
o-Xylene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
Xylenes,m- & p-	ug/kg	<6.6		<7.2	<8.1	<4.2	<4.1	<6.2
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
n-Butylbenzene	ug/kg	<3.3		<3.6	<4.1	<2.1	<2.1	<3.1
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-043	SB-043	SB-043	SB-045	SB-045	SB-048	SB-049
	Sample ID	1273815	1273816	1273819	1273858	1273860	1273825	1273826
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/28/2013	01/28/2013	01/25/2013	01/25/2013
	Sample Time	14:00	14:00	14:15	14:24	14:24	11:40	14:18
	Sample Depth	0' - 2'	0' - 2'	6' - 8'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-13	13A0687-14	13A0687-17	13A0744-09	13A0744-37	13A0687-24	13A0687-25
Constituent	Units							
Date PCBs Analyzed	-	01/31/2013	01/31/2013	01/31/2013	02/04/2013	02/04/2013		
Date Metals Analyzed	-	01/30/2013	01/30/2013	01/30/2013				
Date Organics Analyzed	-	01/30/2013	01/30/2013	01/31/2013	02/01/2013	02/01/2013		
Date Pesticides/Herbicides Analyzed	-	01/31/2013	01/31/2013					
Date Physical Analyzed	-	02/01/2013	02/01/2013	02/01/2013	02/06/2013	02/06/2013	02/01/2013	02/01/2013
Date Semivolatile Organics Analyzed	-	02/01/2013	02/01/2013	01/31/2013	02/04/2013	02/04/2013	01/31/2013	01/31/2013
Alachlor	ug/kg	<22	<22					
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg	<2.6	<2.6	<2.9				
Barium	mg/kg	34	34	34				
Cadmium	mg/kg	<0.26	<0.26	<0.29				
Chromium, Total	mg/kg	8.7	9.0	9.2				
Copper	mg/kg	8.4	7.8	6.2				
Lead	mg/kg	2.0	2.2	5.6				
Mercury	mg/kg	<0.027	<0.027	<0.030				
Nickel	mg/kg	4.8	5.0	5.8				
Selenium	mg/kg	<5.1	<5.3	<5.7				
Silver	mg/kg	<0.51	<0.53	<0.57				
Zinc	mg/kg	15	14	34				
Arochlor 1016	ug/kg	<110	<110	<120	<100	<110		
Arochlor 1221	ug/kg	<110	<110	<120	<100	<110		
Arochlor 1232	ug/kg	<110	<110	<120	<100	<110		
Arochlor 1242	ug/kg	<110	<110	<120	<100	<110		
Arochlor 1248	ug/kg	<110	<110	<120	<100	<110		

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-043	SB-043	SB-043	SB-045	SB-045	SB-048	SB-049
	Sample ID	1273815	1273816	1273819	1273858	1273860	1273825	1273826
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/28/2013	01/28/2013	01/25/2013	01/25/2013
	Sample Time	14:00	14:00	14:15	14:24	14:24	11:40	14:18
	Sample Depth	0' - 2'	0' - 2'	6' - 8'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-13	13A0687-14	13A0687-17	13A0744-09	13A0744-37	13A0687-24	13A0687-25
Constituent	Units							
Arochlor 1254	ug/kg	<110	<110	<120	<100	<110		
Arochlor 1260	ug/kg	<110	<110	<120	<100	<110		
Arochlor 1262	ug/kg	<110	<110	<120	<100	<110		
Arochlor 1268	ug/kg	<110	<110	<120	<100	<110		
Aldrin	ug/kg	<5.4	<5.4					
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg	<6.5	<6.5					
Chlordane	ug/kg	<22	<22					
alpha-Hexachlorocyclohexane	ug/kg	<5.4	<5.4					
beta-Hexachlorocyclohexane	ug/kg	<5.4	<5.4					
delta-Hexachlorocyclohexane	ug/kg	<5.4	<5.4					
Lindane	ug/kg	<2.2	<2.2					
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg	<4.3	<4.3					
Endrin	ug/kg	<8.7	<8.6					
Endrin aldehyde	ug/kg	<8.7	<8.6					
Endrin ketone	ug/kg	<8.7	<8.6					
4,4-DDT	ug/kg	<4.3	<4.3					
Methoxychlor	ug/kg	<54	<54					
4,4-DDD	ug/kg	<4.3	<4.3					
4,4-DDE	ug/kg	<4.3	<4.3					
Heptachlor Epoxide	ug/kg	<5.4	<5.4					
Heptachlor	ug/kg	<5.4	<5.4					
Endosulfan Sulfate	ug/kg	<8.7	<8.6					
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg	<5.4	<5.4					
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg	<8.7	<8.6					
Toxaphene	ug/kg	<110	<110					
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-043	SB-043	SB-043	SB-045	SB-045	SB-048	SB-049
	Sample ID	1273815	1273816	1273819	1273858	1273860	1273825	1273826
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/28/2013	01/28/2013	01/25/2013	01/25/2013
	Sample Time	14:00	14:00	14:15	14:24	14:24	11:40	14:18
	Sample Depth	0' - 2'	0' - 2'	6' - 8'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-13	13A0687-14	13A0687-17	13A0744-09	13A0744-37	13A0687-24	13A0687-25
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	<11	13	27	23	14	24	20
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg	<180	<180	<400	<180	<180	<190	<190
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg	<180	<180	<400	<180	<180	<190	<190
Benzo[b]fluoranthene	ug/kg	<180	<180	<400	<180	260	<190	<190
Benzo(a)pyrene	ug/kg	<180	<180	<400	<180	220	<190	<190
Benzo(g,h,i)perylene	ug/kg	<180	<180	<400	<180	<180	<190	<190
Benzo(k)fluoranthene	ug/kg	<180	<180	<400	<180	<180	<190	<190
Carbazole	ug/kg							
Chrysene	ug/kg	<180	<180	<400	<180	250	<190	<190
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg	<180	<180	<400	<180	<180	<190	<190
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-043	SB-043	SB-043	SB-045	SB-045	SB-048	SB-049
	Sample ID	1273815	1273816	1273819	1273858	1273860	1273825	1273826
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/28/2013	01/28/2013	01/25/2013	01/25/2013
	Sample Time	14:00	14:00	14:15	14:24	14:24	11:40	14:18
	Sample Depth	0' - 2'	0' - 2'	6' - 8'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-13	13A0687-14	13A0687-17	13A0744-09	13A0744-37	13A0687-24	13A0687-25
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg	<180	<180	<400	190	280	<190	<190
Fluorene	ug/kg	<180	<180	<400	<180	<180	<190	<190
Indeno(1,2,3-c,d)pyrene	ug/kg	<180	<180	<400	<180	270	<190	<190
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg	<6.4	<11	<4.1	<4.3	<2.1		
Naphthalene	ug/kg	<180	<180	<400	<180	<180	<190	<190
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg	<180	<180	<400	<180	<180	<190	<190
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg	<180	<180	<400	210	380	<190	<190
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Acenaphthene	ug/kg	<180	<180	<400	<180	<180	<190	<190
Acetone	ug/kg	<160	<270	<100	<110	<53		
Acrylonitrile	ug/kg	<9.6	<16	<6.2	<6.5	<3.2		

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-043	SB-043	SB-043	SB-045	SB-045	SB-048	SB-049
	Sample ID	1273815	1273816	1273819	1273858	1273860	1273825	1273826
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/28/2013	01/28/2013	01/25/2013	01/25/2013
	Sample Time	14:00	14:00	14:15	14:24	14:24	11:40	14:18
	Sample Depth	0' - 2'	0' - 2'	6' - 8'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-13	13A0687-14	13A0687-17	13A0744-09	13A0744-37	13A0687-24	13A0687-25
Constituent	Units							
Anthracene	ug/kg	<180	<180	<400	<180	<180	<190	<190
Benzene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
1,2,3-Trichlorobenzene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
1,2,4-Trichlorobenzene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
1,2-Dichlorobenzene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
1,3,5-Trimethylbenzene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
1,3-Dichlorobenzene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
1,4-Dichlorobenzene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Bromobenzene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Chlorobenzene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Ethylbenzene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Isopropylbenzene (Cumene)	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
sec-Butylbenzene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
tert-Butylbenzene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Hexachlorobutadiene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg	<64	<110	<41	<43	<21		
trans-1,4-Dichlorobutene	ug/kg	<6.4	<11	<4.1	<4.3	<2.1		
Carbon Disulfide	ug/kg	<9.6	<16	<6.2	<6.5	<3.2		
Carbon Tetrachloride	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Dibenzofuran	ug/kg							

Table 6-2
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Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-043	SB-043	SB-043	SB-045	SB-045	SB-048	SB-049
	Sample ID	1273815	1273816	1273819	1273858	1273860	1273825	1273826
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/28/2013	01/28/2013	01/25/2013	01/25/2013
	Sample Time	14:00	14:00	14:15	14:24	14:24	11:40	14:18
	Sample Depth	0' - 2'	0' - 2'	6' - 8'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-13	13A0687-14	13A0687-17	13A0744-09	13A0744-37	13A0687-24	13A0687-25
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<32	<54	<21	<22	<11		
1,1,1,2-Tetrachloroethane	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
1,1,1-Trichloroethane	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
1,1,2,2-Tetrachloroethane	ug/kg	<1.6	<2.7	<1.0	<1.1	<0.53		
1,1,2-Trichloroethane	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<16	<27	<10	<11	<5.3		
1,1-Dichloroethane	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Ethylene Dibromide	ug/kg	<1.6	<2.7	<1.0	<1.1	<0.53		
1,2-Dichloroethane	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Chloroethane	ug/kg	<32	<54	<21	<22	<11		
Methyl tert-Butyl ether	ug/kg	<6.4	<11	<4.1	<4.3	<2.1		
1,1-Dichloroethylene	ug/kg	<6.4	<11	<4.1	<4.3	<2.1		
trans-1,2-Dichloroethylene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Vinyl Chloride	ug/kg	<16	<27	<10	<11	<5.3		
Tetrachloroethylene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Tetrahydrofuran	ug/kg	<16	<27	<10	<11	<5.3		
Hexanone, 2-	ug/kg	<32	<54	<21	<22	<11		
Bromomethane	ug/kg	<16	<27	<10	<11	<5.3		
Bromodichloromethane	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Chloromethane	ug/kg	<16	<27	<10	<11	<5.3		
Dibromochloromethane	ug/kg	<1.6	<2.7	<1.0	<1.1	<0.53		
Methylene Dibromide	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Methylene Chloride	ug/kg	<32	<54	<21	<22	<11		
Bromoform	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Chloroform	ug/kg	<6.4	<11	<4.1	<4.3	<2.1		
Trichlorofluoromethane	ug/kg	<16	<27	<10	<11	<5.3		
2-Methylnaphthalene	ug/kg	<180	<180	<400	<180	<180	<190	<190
Methyl Isobutyl ketone	ug/kg	<32	<54	<21	<22	<11		

Table 6-2
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	Location ID	SB-043	SB-043	SB-043	SB-045	SB-045	SB-048	SB-049
	Sample ID	1273815	1273816	1273819	1273858	1273860	1273825	1273826
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/28/2013	01/28/2013	01/25/2013	01/25/2013
	Sample Time	14:00	14:00	14:15	14:24	14:24	11:40	14:18
	Sample Depth	0' - 2'	0' - 2'	6' - 8'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-13	13A0687-14	13A0687-17	13A0744-09	13A0744-37	13A0687-24	13A0687-25
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
1,2-Dibromo-3-Chloropropane	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
1,3-Dichloropropane	ug/kg	<1.6	<2.7	<1.0	<1.1	<0.53		
sec-Dichloropropane	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
1,1-Dichloropropene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
trans-1,3-Dichloropropene	ug/kg	<1.6	<2.7	<1.0	<1.1	<0.53		
cis-1,3-Dichloropropene	ug/kg	<1.6	<2.7	<1.0	<1.1	<0.53		
Styrene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Toluene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
4-Chlorotoluene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Trichloroethylene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
o-Xylene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
Xylenes,m- & p-	ug/kg	<6.4	<11	<4.1	<4.3	<2.1		
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
n-Butylbenzene	ug/kg	<3.2	<5.4	<2.1	<2.2	<1.1		
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-050	SB-051	SB-052	SB-053	SB-054	SB-055	SB-056
	Sample ID	1273827	1273859	1273857	1273856	1273873	1273861	1273862
	Sample Date	01/25/2013	01/28/2013	01/28/2013	01/28/2013	01/30/2013	01/29/2013	01/29/2013
	Sample Time	15:10	15:20	13:20	12:00	14:21	10:30	11:05
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-26	13A0744-10	13A0744-08	13A0744-07	13A0792-03	13A0745-01	13A0745-02
Constituent	Units							
Date PCBs Analyzed	-							
Date Metals Analyzed	-						02/02/2013	02/02/2013
Date Organics Analyzed	-		02/01/2013	02/01/2013	02/01/2013	02/05/2013	02/01/2013	02/01/2013
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	02/01/2013	02/06/2013	02/06/2013	02/06/2013	02/06/2013	02/05/2013	
Date Semivolatile Organics Analyzed	-	01/31/2013	02/04/2013	02/04/2013	02/04/2013	02/06/2013	02/04/2013	02/04/2013
Alachlor	ug/kg							
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg						<2.6	<2.6
Barium	mg/kg						31	89
Cadmium	mg/kg						<0.26	<0.26
Chromium, Total	mg/kg						21	24
Copper	mg/kg						32	19
Lead	mg/kg						5.8	9.4
Mercury	mg/kg						<0.026	<0.027
Nickel	mg/kg						14	16
Selenium	mg/kg						<5.1	<5.1
Silver	mg/kg						<0.51	<0.51
Zinc	mg/kg						26	26
Arochlor 1016	ug/kg							
Arochlor 1221	ug/kg							
Arochlor 1232	ug/kg							
Arochlor 1242	ug/kg							
Arochlor 1248	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-050	SB-051	SB-052	SB-053	SB-054	SB-055	SB-056
	Sample ID	1273827	1273859	1273857	1273856	1273873	1273861	1273862
	Sample Date	01/25/2013	01/28/2013	01/28/2013	01/28/2013	01/30/2013	01/29/2013	01/29/2013
	Sample Time	15:10	15:20	13:20	12:00	14:21	10:30	11:05
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-26	13A0744-10	13A0744-08	13A0744-07	13A0792-03	13A0745-01	13A0745-02
Constituent	Units							
Arochlor 1254	ug/kg							
Arochlor 1260	ug/kg							
Arochlor 1262	ug/kg							
Arochlor 1268	ug/kg							
Aldrin	ug/kg							
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Cyanide	mg/kg							

Table 6-2
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	Location ID	SB-050	SB-051	SB-052	SB-053	SB-054	SB-055	SB-056
	Sample ID	1273827	1273859	1273857	1273856	1273873	1273861	1273862
	Sample Date	01/25/2013	01/28/2013	01/28/2013	01/28/2013	01/30/2013	01/29/2013	01/29/2013
	Sample Time	15:10	15:20	13:20	12:00	14:21	10:30	11:05
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-26	13A0744-10	13A0744-08	13A0744-07	13A0792-03	13A0745-01	13A0745-02
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	43	15	<11	12	<11	<11	
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg	<200	<180	<180	<180	<190	<180	<180
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg	<200	<180	<180	<180	<190	<180	<180
Benzo[b]fluoranthene	ug/kg	<200	<180	<180	<180	<190	<180	<180
Benzo(a)pyrene	ug/kg	<200	<180	<180	<180	<190	<180	<180
Benzo(g,h,i)perylene	ug/kg	<200	<180	<180	<180	<190	<180	<180
Benzo(k)fluoranthene	ug/kg	<200	<180	<180	<180	<190	<180	<180
Carbazole	ug/kg							
Chrysene	ug/kg	<200	<180	<180	<180	<190	<180	<180
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg	<200	<180	<180	<180	<190	<180	<180
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
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Former Mystic Oral School for the Deaf

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	Location ID	SB-050	SB-051	SB-052	SB-053	SB-054	SB-055	SB-056
	Sample ID	1273827	1273859	1273857	1273856	1273873	1273861	1273862
	Sample Date	01/25/2013	01/28/2013	01/28/2013	01/28/2013	01/30/2013	01/29/2013	01/29/2013
	Sample Time	15:10	15:20	13:20	12:00	14:21	10:30	11:05
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-26	13A0744-10	13A0744-08	13A0744-07	13A0792-03	13A0745-01	13A0745-02
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg	<200	<180	<180	<180	<190	<180	<180
Fluorene	ug/kg	<200	<180	<180	<180	<190	<180	<180
Indeno(1,2,3-c,d)pyrene	ug/kg	<200	<180	<180	<180	<190	<180	<180
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg		<4.5	<3.8	<3.7	<1.9	<3.8	<2.0
Naphthalene	ug/kg	<200	<180	<180	<180	<190	<180	<180
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg	<200	<180	<180	<180	<190	<180	<180
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg	<200	<180	<180	180	<190	<180	<180
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Acenaphthene	ug/kg	<200	<180	<180	<180	<190	<180	<180
Acetone	ug/kg		<110	<95	<93	<47	<95	<51
Acrylonitrile	ug/kg		<6.8	<5.7	<5.6	<2.8	<5.7	<3.0

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-050	SB-051	SB-052	SB-053	SB-054	SB-055	SB-056
	Sample ID	1273827	1273859	1273857	1273856	1273873	1273861	1273862
	Sample Date	01/25/2013	01/28/2013	01/28/2013	01/28/2013	01/30/2013	01/29/2013	01/29/2013
	Sample Time	15:10	15:20	13:20	12:00	14:21	10:30	11:05
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-26	13A0744-10	13A0744-08	13A0744-07	13A0792-03	13A0745-01	13A0745-02
Constituent	Units							
Anthracene	ug/kg	<200	<180	<180	<180	<190	<180	<180
Benzene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
1,2,3-Trichlorobenzene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
1,2,4-Trichlorobenzene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
1,2-Dichlorobenzene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
1,3,5-Trimethylbenzene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
1,3-Dichlorobenzene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
1,4-Dichlorobenzene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Bromobenzene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Chlorobenzene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Ethylbenzene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Isopropylbenzene (Cumene)	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
sec-Butylbenzene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
tert-Butylbenzene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Hexachlorobutadiene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg		<45	<38	<37	<19	<38	<20
trans-1,4-Dichlorobutene	ug/kg		<4.5	<3.8	<3.7	<1.9	<3.8	<2.0
Carbon Disulfide	ug/kg		<6.8	<5.7	<5.6	<2.8	<5.7	<3.0
Carbon Tetrachloride	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-050	SB-051	SB-052	SB-053	SB-054	SB-055	SB-056
	Sample ID	1273827	1273859	1273857	1273856	1273873	1273861	1273862
	Sample Date	01/25/2013	01/28/2013	01/28/2013	01/28/2013	01/30/2013	01/29/2013	01/29/2013
	Sample Time	15:10	15:20	13:20	12:00	14:21	10:30	11:05
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-26	13A0744-10	13A0744-08	13A0744-07	13A0792-03	13A0745-01	13A0745-02
Constituent	Units							
Dichlorodifluoromethane	ug/kg		<23	<19	<19	<9.3	<19	<10
1,1,1,2-Tetrachloroethane	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
1,1,1-Trichloroethane	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
1,1,2,2-Tetrachloroethane	ug/kg		<1.1	<0.95	<0.93	<0.47	<0.95	<0.51
1,1,2-Trichloroethane	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg		<11	<9.5	<9.3	<4.7	<9.5	<5.1
1,1-Dichloroethane	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Ethylene Dibromide	ug/kg		<1.1	<0.95	<0.93	<0.47	<0.95	<0.51
1,2-Dichloroethane	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Chloroethane	ug/kg		<23	<19	<19	<9.3	<19	<10
Methyl tert-Butyl ether	ug/kg		<4.5	<3.8	<3.7	<1.9	<3.8	<2.0
1,1-Dichloroethylene	ug/kg		<4.5	<3.8	<3.7	<1.9	<3.8	<2.0
trans-1,2-Dichloroethylene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Vinyl Chloride	ug/kg		<11	<9.5	<9.3	<4.7	<9.5	<5.1
Tetrachloroethylene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Tetrahydrofuran	ug/kg		<11	<9.5	<9.3	<4.7	<9.5	<5.1
Hexanone, 2-	ug/kg		<23	<19	<19	<9.3	<19	<10
Bromomethane	ug/kg		<11	<9.5	<9.3	<4.7	<9.5	<5.1
Bromodichloromethane	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Chloromethane	ug/kg		<11	<9.5	<9.3	<4.7	<9.5	<5.1
Dibromochloromethane	ug/kg		<1.1	<0.95	<0.93	<0.47	<0.95	<0.51
Methylene Dibromide	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Methylene Chloride	ug/kg		<23	<19	<19	<9.3	<19	<10
Bromoform	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Chloroform	ug/kg		<4.5	<3.8	<3.7	<1.9	<3.8	<2.0
Trichlorofluoromethane	ug/kg		<11	<9.5	<9.3	<4.7	<9.5	<5.1
2-Methylnaphthalene	ug/kg	<200	<180	<180	<180	<190	<180	<180
Methyl Isobutyl ketone	ug/kg		<23	<19	<19	<9.3	<19	<10

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-050	SB-051	SB-052	SB-053	SB-054	SB-055	SB-056
	Sample ID	1273827	1273859	1273857	1273856	1273873	1273861	1273862
	Sample Date	01/25/2013	01/28/2013	01/28/2013	01/28/2013	01/30/2013	01/29/2013	01/29/2013
	Sample Time	15:10	15:20	13:20	12:00	14:21	10:30	11:05
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-26	13A0744-10	13A0744-08	13A0744-07	13A0792-03	13A0745-01	13A0745-02
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
1,2-Dibromo-3-Chloropropane	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
1,3-Dichloropropane	ug/kg		<1.1	<0.95	<0.93	<0.47	<0.95	<0.51
sec-Dichloropropane	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
1,1-Dichloropropene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
trans-1,3-Dichloropropene	ug/kg		<1.1	<0.95	<0.93	<0.47	<0.95	<0.51
cis-1,3-Dichloropropene	ug/kg		<1.1	<0.95	<0.93	<0.47	<0.95	<0.51
Styrene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Toluene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
4-Chlorotoluene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Trichloroethylene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
o-Xylene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
Xylenes,m- & p-	ug/kg		<4.5	<3.8	<3.7	<1.9	<3.8	<2.0
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
n-Butylbenzene	ug/kg		<2.3	<1.9	<1.9	<0.93	<1.9	<1.0
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-058	SB-059	SB-059	SB-061	SB-062	SB-062	SB-063
	Sample ID	1273870	1273854	1273855	1273853	1273846	1273849	1273835
	Sample Date	01/29/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013
	Sample Time	15:29	11:13	11:13	10:15	12:01	14:20	10:51
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 1.8'	2' - 4'	8' - 10'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0745-10	13A0744-05	13A0744-06	13A0744-04	13A0744-28	13A0744-31	13A0744-17
Constituent	Units							
Date PCBs Analyzed	-							
Date Metals Analyzed	-	02/02/2013	02/02/2013	02/02/2013	02/01/2013	02/02/2013	02/02/2013	
Date Organics Analyzed	-	02/01/2013	02/01/2013	02/01/2013	01/31/2013	02/01/2013	02/01/2013	02/01/2013
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	02/05/2013	02/06/2013	02/06/2013	02/06/2013	02/05/2013	02/06/2013	02/06/2013
Date Semivolatile Organics Analyzed	-	02/04/2013	02/04/2013	02/04/2013	02/04/2013	02/04/2013	02/04/2013	02/04/2013
Alachlor	ug/kg							
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg	<3.1	<2.6	<2.6	<2.5	<2.5	<2.5	
Barium	mg/kg	93	31	50	33	14	120	
Cadmium	mg/kg	0.98	<0.26	<0.26	<0.25	<0.25	<0.25	
Chromium, Total	mg/kg	19	6.6	10	8.4	5.3	4.8	
Copper	mg/kg	260	5.6	5.8	5.5	5.9	3.1	
Lead	mg/kg	120	10	7.9	7.5	3.3	3.6	
Mercury	mg/kg	0.17	<0.026	<0.026	<0.026	<0.026	<0.027	
Nickel	mg/kg	8.5	3.5	6.9	4.5	2.8	2.0	
Selenium	mg/kg	<6.3	<5.3	<5.2	<5.0	<5.1	<4.9	
Silver	mg/kg	0.70	0.56	<0.52	<0.50	<0.51	0.57	
Zinc	mg/kg	280	26	26	18	11	40	
Arochlor 1016	ug/kg							
Arochlor 1221	ug/kg							
Arochlor 1232	ug/kg							
Arochlor 1242	ug/kg							
Arochlor 1248	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-058	SB-059	SB-059	SB-061	SB-062	SB-062	SB-063
	Sample ID	1273870	1273854	1273855	1273853	1273846	1273849	1273835
	Sample Date	01/29/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013
	Sample Time	15:29	11:13	11:13	10:15	12:01	14:20	10:51
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 1.8'	2' - 4'	8' - 10'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0745-10	13A0744-05	13A0744-06	13A0744-04	13A0744-28	13A0744-31	13A0744-17
Constituent	Units							
Arochlor 1254	ug/kg							
Arochlor 1260	ug/kg							
Arochlor 1262	ug/kg							
Arochlor 1268	ug/kg							
Aldrin	ug/kg							
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Cyanide	mg/kg		<0.31	1.1	<0.44			

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-058	SB-059	SB-059	SB-061	SB-062	SB-062	SB-063
	Sample ID	1273870	1273854	1273855	1273853	1273846	1273849	1273835
	Sample Date	01/29/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013
	Sample Time	15:29	11:13	11:13	10:15	12:01	14:20	10:51
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 1.8'	2' - 4'	8' - 10'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0745-10	13A0744-05	13A0744-06	13A0744-04	13A0744-28	13A0744-31	13A0744-17
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	240	30	140	<11	15	<11	270
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg	<210	<180	<180	<180	<180	<180	240
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg	740	<180	<180	<180	<180	<180	530
Benzo[b]fluoranthene	ug/kg	950	<180	<180	<180	<180	<180	860
Benzo(a)pyrene	ug/kg	770	<180	<180	<180	<180	<180	550
Benzo(g,h,i)perylene	ug/kg	340	<180	<180	<180	<180	<180	230
Benzo(k)fluoranthene	ug/kg	330	<180	<180	<180	<180	<180	330
Carbazole	ug/kg							
Chrysene	ug/kg	920	<180	<180	<180	<180	<180	690
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg	<210	<180	<180	<180	<180	<180	<210
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-058	SB-059	SB-059	SB-061	SB-062	SB-062	SB-063
	Sample ID	1273870	1273854	1273855	1273853	1273846	1273849	1273835
	Sample Date	01/29/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013
	Sample Time	15:29	11:13	11:13	10:15	12:01	14:20	10:51
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 1.8'	2' - 4'	8' - 10'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0745-10	13A0744-05	13A0744-06	13A0744-04	13A0744-28	13A0744-31	13A0744-17
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg	1100	<180	<180	<180	<180	<180	1200
Fluorene	ug/kg	<210	<180	<180	<180	<180	<180	<210
Indeno(1,2,3-c,d)pyrene	ug/kg	520	<180	<180	<180	<180	<180	290
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg	<4.5	<3.7	<3.7	<4.3	<1.9	<3.2	<4.1
Naphthalene	ug/kg	<210	<180	<180	<180	<180	<180	<210
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg	1000	<180	<180	<180	<180	<180	640
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg	1300	<180	<180	<180	<180	<180	760
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Acenaphthene	ug/kg	<210	<180	<180	<180	<180	<180	<210
Acetone	ug/kg	<110	<93	<93	<110	<48	<79	<100
Acrylonitrile	ug/kg	<6.8	<5.6	<5.6	<6.4	<2.9	<4.7	<6.1

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-058	SB-059	SB-059	SB-061	SB-062	SB-062	SB-063
	Sample ID	1273870	1273854	1273855	1273853	1273846	1273849	1273835
	Sample Date	01/29/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013
	Sample Time	15:29	11:13	11:13	10:15	12:01	14:20	10:51
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 1.8'	2' - 4'	8' - 10'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0745-10	13A0744-05	13A0744-06	13A0744-04	13A0744-28	13A0744-31	13A0744-17
Constituent	Units							
Anthracene	ug/kg	<210	<180	<180	<180	<180	<180	<210
Benzene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
1,2,3-Trichlorobenzene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
1,2,4-Trichlorobenzene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
1,2-Dichlorobenzene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
1,3,5-Trimethylbenzene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
1,3-Dichlorobenzene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
1,4-Dichlorobenzene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Bromobenzene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Chlorobenzene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Ethylbenzene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Isopropylbenzene (Cumene)	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
sec-Butylbenzene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
tert-Butylbenzene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Hexachlorobutadiene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg	<45	<37	<37	<43	<19	<32	<41
trans-1,4-Dichlorobutene	ug/kg	<4.5	<3.7	<3.7	<4.3	<1.9	<3.2	<4.1
Carbon Disulfide	ug/kg	<6.8	<5.6	<5.6	<6.4	<2.9	<4.7	<6.1
Carbon Tetrachloride	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-058	SB-059	SB-059	SB-061	SB-062	SB-062	SB-063
	Sample ID	1273870	1273854	1273855	1273853	1273846	1273849	1273835
	Sample Date	01/29/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013
	Sample Time	15:29	11:13	11:13	10:15	12:01	14:20	10:51
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 1.8'	2' - 4'	8' - 10'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0745-10	13A0744-05	13A0744-06	13A0744-04	13A0744-28	13A0744-31	13A0744-17
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<23	<19	<19	<21	<9.5	<16	<20
1,1,1,2-Tetrachloroethane	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
1,1,1-Trichloroethane	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
1,1,2,2-Tetrachloroethane	ug/kg	<1.1	<0.93	<0.93	<1.1	<0.48	<0.79	<1.0
1,1,2-Trichloroethane	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<11	<9.3	<9.3	<11	<4.8	<7.9	<10
1,1-Dichloroethane	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Ethylene Dibromide	ug/kg	<1.1	<0.93	<0.93	<1.1	<0.48	<0.79	<1.0
1,2-Dichloroethane	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Chloroethane	ug/kg	<23	<19	<19	<21	<9.5	<16	<20
Methyl tert-Butyl ether	ug/kg	<4.5	<3.7	<3.7	<4.3	<1.9	<3.2	<4.1
1,1-Dichloroethylene	ug/kg	<4.5	<3.7	<3.7	<4.3	<1.9	<3.2	<4.1
trans-1,2-Dichloroethylene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Vinyl Chloride	ug/kg	<11	<9.3	<9.3	<11	<4.8	<7.9	<10
Tetrachloroethylene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Tetrahydrofuran	ug/kg	<11	<9.3	<9.3	<11	<4.8	<7.9	<10
Hexanone, 2-	ug/kg	<23	<19	<19	<21	<9.5	<16	<20
Bromomethane	ug/kg	<11	<9.3	<9.3	<11	<4.8	<7.9	<10
Bromodichloromethane	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Chloromethane	ug/kg	<11	<9.3	<9.3	<11	<4.8	<7.9	<10
Dibromochloromethane	ug/kg	<1.1	<0.93	<0.93	<1.1	<0.48	<0.79	<1.0
Methylene Dibromide	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Methylene Chloride	ug/kg	<23	<19	<19	<21	<9.5	<16	<20
Bromoform	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Chloroform	ug/kg	<4.5	<3.7	<3.7	<4.3	<1.9	<3.2	<4.1
Trichlorofluoromethane	ug/kg	<11	<9.3	<9.3	<11	<4.8	<7.9	<10
2-Methylnaphthalene	ug/kg	<210	<180	<180	<180	<180	<180	<210
Methyl Isobutyl ketone	ug/kg	<23	<19	<19	<21	<9.5	<16	<20

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-058	SB-059	SB-059	SB-061	SB-062	SB-062	SB-063
	Sample ID	1273870	1273854	1273855	1273853	1273846	1273849	1273835
	Sample Date	01/29/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013	01/28/2013
	Sample Time	15:29	11:13	11:13	10:15	12:01	14:20	10:51
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 1.8'	2' - 4'	8' - 10'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0745-10	13A0744-05	13A0744-06	13A0744-04	13A0744-28	13A0744-31	13A0744-17
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
1,2-Dibromo-3-Chloropropane	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
1,3-Dichloropropane	ug/kg	<1.1	<0.93	<0.93	<1.1	<0.48	<0.79	<1.0
sec-Dichloropropane	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
1,1-Dichloropropene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
trans-1,3-Dichloropropene	ug/kg	<1.1	<0.93	<0.93	<1.1	<0.48	<0.79	<1.0
cis-1,3-Dichloropropene	ug/kg	<1.1	<0.93	<0.93	<1.1	<0.48	<0.79	<1.0
Styrene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Toluene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
4-Chlorotoluene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Trichloroethylene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
o-Xylene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
Xylenes,m- & p-	ug/kg	<4.5	<3.7	<3.7	<4.3	<1.9	<3.2	<4.1
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
n-Butylbenzene	ug/kg	<2.3	<1.9	<1.9	<2.1	<0.95	<1.6	<2.0
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-063	SB-063	SB-063	SB-300	SB-300	SB-301	SB-301
	Sample ID	1273836	1273837	1273838	1287289	1287290	1287291	1287292
	Sample Date	01/28/2013	01/28/2013	01/28/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	10:55	11:01	11:07	11:10	11:12	11:50	11:55
	Sample Depth	2' - 4'	4' - 6'	6' - 8'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-18	13A0744-19	13A0744-20	13H1007-01	13H1007-02	13H1007-03	13H1007-04
Constituent	Units							
Date PCBs Analyzed	-							
Date Metals Analyzed	-							
Date Organics Analyzed	-	02/01/2013	02/01/2013	02/01/2013				
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	02/06/2013	02/06/2013	02/06/2013	08/28/2013	08/28/2013	08/28/2013	
Date Semivolatile Organics Analyzed	-	02/04/2013	02/04/2013	02/04/2013	09/03/2013	08/30/2013	08/30/2013	09/03/2013
Alachlor	ug/kg							
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium, Total	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Selenium	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
Arochlor 1016	ug/kg							
Arochlor 1221	ug/kg							
Arochlor 1232	ug/kg							
Arochlor 1242	ug/kg							
Arochlor 1248	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-063	SB-063	SB-063	SB-300	SB-300	SB-301	SB-301
	Sample ID	1273836	1273837	1273838	1287289	1287290	1287291	1287292
	Sample Date	01/28/2013	01/28/2013	01/28/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	10:55	11:01	11:07	11:10	11:12	11:50	11:55
	Sample Depth	2' - 4'	4' - 6'	6' - 8'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-18	13A0744-19	13A0744-20	13H1007-01	13H1007-02	13H1007-03	13H1007-04
Constituent	Units							
Arochlor 1254	ug/kg							
Arochlor 1260	ug/kg							
Arochlor 1262	ug/kg							
Arochlor 1268	ug/kg							
Aldrin	ug/kg							
Hexachlorobenzene	ug/kg				<370	<370	<360	<410
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg				<370	<370	<360	<410
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-063	SB-063	SB-063	SB-300	SB-300	SB-301	SB-301
	Sample ID	1273836	1273837	1273838	1287289	1287290	1287291	1287292
	Sample Date	01/28/2013	01/28/2013	01/28/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	10:55	11:01	11:07	11:10	11:12	11:50	11:55
	Sample Depth	2' - 4'	4' - 6'	6' - 8'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-18	13A0744-19	13A0744-20	13H1007-01	13H1007-02	13H1007-03	13H1007-04
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	55	45	40	62	18	47	
3,3'-Dichlorobenzidine	ug/kg				<180	<190	<180	<210
Acenaphthylene	ug/kg	<190	<190	<190	<180	<190	<180	<210
Aniline	ug/kg				<370	<370	<360	<410
3-Nitroaniline	ug/kg				<370	<370	<360	<410
2-Nitroaniline	ug/kg				<370	<370	<360	<410
4-Chloroaniline	ug/kg				<710	<730	<690	<800
4-Nitroaniline	ug/kg				<370	<370	<360	<410
1,2,4,5-Tetrachlorobenzene	ug/kg				<370	<370	<360	<410
Benzo[a]anthracene	ug/kg	320	280	<190	<180	<190	<180	<210
Benzo[b]fluoranthene	ug/kg	390	340	<190	<180	<190	<180	<210
Benzo(a)pyrene	ug/kg	330	320	<190	<180	<190	<180	<210
Benzo(g,h,i)perylene	ug/kg	250	250	<190	<180	<190	<180	<210
Benzo(k)fluoranthene	ug/kg	<190	<190	<190	<180	<190	<180	<210
Carbazole	ug/kg				<180	<190	<180	<210
Chrysene	ug/kg	420	340	<190	<180	<190	<180	<210
2-Methyl-4,6-Dinitrophenol	ug/kg				<370	<370	<360	<410
3-Methyl-4-Chlorophenol	ug/kg				<710	<730	<690	<800
m- & p- Cresol	ug/kg				<370	<370	<360	<410
2-Methylphenol	ug/kg				<370	<370	<360	<410
Di-n-butyl phthalate	ug/kg				<370	<370	<360	<410
Dibenz(a,h)anthracene	ug/kg	<190	<190	<190	<180	<190	<180	<210
n-Nitrosodiphenylamine	ug/kg				<370	<370	<360	<410
Nitrosodi-n-Propylamine	ug/kg				<370	<370	<360	<410
Hexachloroethane	ug/kg				<370	<370	<360	<410
4-Bromophenyl-phenylether	ug/kg				<370	<370	<360	<410
4-Chlorophenylphenyl ether	ug/kg				<370	<370	<360	<410
bis(2-Chloroisopropyl)ether	ug/kg				<370	<370	<360	<410

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-063	SB-063	SB-063	SB-300	SB-300	SB-301	SB-301
	Sample ID	1273836	1273837	1273838	1287289	1287290	1287291	1287292
	Sample Date	01/28/2013	01/28/2013	01/28/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	10:55	11:01	11:07	11:10	11:12	11:50	11:55
	Sample Depth	2' - 4'	4' - 6'	6' - 8'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-18	13A0744-19	13A0744-20	13H1007-01	13H1007-02	13H1007-03	13H1007-04
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg				<370	<370	<360	<410
Fluoranthene	ug/kg	510	400	250	<180	<190	<180	<210
Fluorene	ug/kg	<190	<190	<190	<180	<190	<180	<210
Indeno(1,2,3-c,d)pyrene	ug/kg	360	360	<190	<180	<190	<180	<210
bis(2-Chloroethoxy) Methane	ug/kg				<370	<370	<360	<410
Naphthalene	ug/kg	<4.4	<3.6	<2.0				
Naphthalene	ug/kg	<190	<190	250	<180	<190	<180	<210
2-Chloronaphthalene	ug/kg				<370	<370	<360	<410
Phenanthrene	ug/kg	530	250	540	<180	<190	<180	<210
Phenol	ug/kg				<370	<370	<360	<410
2,4,5-Trichlorophenol	ug/kg				<370	<370	<360	<410
2,4,6-Trichlorophenol	ug/kg				<370	<370	<360	<410
2,4-Dichlorophenol	ug/kg				<370	<370	<360	<410
2,4-Dinitrophenol	ug/kg				<710	<730	<690	<800
2-Nitrophenol	ug/kg				<370	<370	<360	<410
p-Nitrophenol	ug/kg				<710	<730	<690	<800
Pentachlorophenol	ug/kg				<370	<370	<360	<410
Butylbenzylphthalate	ug/kg				<370	<370	<360	<410
Diethyl Phthalate	ug/kg				<370	<370	<360	<410
Dimethyl Phthalate	ug/kg				<370	<370	<360	<410
Di-n-octyl phthalate	ug/kg				<720	<740	<700	<810
Pyrene	ug/kg	780	600	270	<180	<190	<180	<210
Pyridine	ug/kg				<370	<370	<360	<410
bis(2-Ethylhexyl)phthalate	ug/kg				<370	<370	<360	<410
1,2-Dichloropropane	ug/kg	<2.2	<1.8	<1.0				
Acenaphthene	ug/kg	<190	<190	210	<180	<190	<180	<210
Acetone	ug/kg	<110	<89	<51				
Acrylonitrile	ug/kg	<6.7	<5.3	<3.1				

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-063	SB-063	SB-063	SB-300	SB-300	SB-301	SB-301
	Sample ID	1273836	1273837	1273838	1287289	1287290	1287291	1287292
	Sample Date	01/28/2013	01/28/2013	01/28/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	10:55	11:01	11:07	11:10	11:12	11:50	11:55
	Sample Depth	2' - 4'	4' - 6'	6' - 8'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-18	13A0744-19	13A0744-20	13H1007-01	13H1007-02	13H1007-03	13H1007-04
Constituent	Units							
Anthracene	ug/kg	<190	<190	<190	<180	<190	<180	<210
Benzene	ug/kg	<2.2	<1.8	<1.0				
1,2,3-Trichlorobenzene	ug/kg	<2.2	<1.8	<1.0				
1,2,4-Trichlorobenzene	ug/kg	<2.2	<1.8	<1.0				
1,2,4-Trichlorobenzene	ug/kg				<370	<370	<360	<410
1,2,4-Trimethylbenzene	ug/kg	<2.2	<1.8	<1.0				
1,2-Dichlorobenzene	ug/kg	<2.2	<1.8	<1.0				
1,3,5-Trimethylbenzene	ug/kg	<2.2	<1.8	<1.0				
1,3-Dichlorobenzene	ug/kg	<2.2	<1.8	<1.0				
1,4-Dichlorobenzene	ug/kg	<2.2	<1.8	<1.0				
Bromobenzene	ug/kg	<2.2	<1.8	<1.0				
Chlorobenzene	ug/kg	<2.2	<1.8	<1.0				
Ethylbenzene	ug/kg	<2.2	<1.8	<1.0				
Isopropylbenzene (Cumene)	ug/kg	<2.2	<1.8	<1.0				
Nitrobenzene	ug/kg				<370	<370	<360	<410
Pentachloronitrobenzene	ug/kg				<370	<370	<360	<410
n-Propylbenzene	ug/kg	<2.2	<1.8	<1.0				
sec-Butylbenzene	ug/kg	<2.2	<1.8	<1.0				
tert-Butylbenzene	ug/kg	<2.2	<1.8	<1.0				
Hexachlorobutadiene	ug/kg	<2.2	<1.8	<1.0				
Hexachlorobutadiene	ug/kg				<370	<370	<360	<410
2-Butanone (MEK)	ug/kg	<44	<36	<20				
trans-1,4-Dichlorobutene	ug/kg	<4.4	<3.6	<2.0				
Carbon Disulfide	ug/kg	<6.7	<5.3	<3.1				
Carbon Tetrachloride	ug/kg	<2.2	<1.8	<1.0				
Isophorone	ug/kg				<370	<370	<360	<410
4-Isopropyltoluene	ug/kg	<2.2	<1.8	<1.0				
Dibenzofuran	ug/kg				<370	<370	<360	<410

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-063	SB-063	SB-063	SB-300	SB-300	SB-301	SB-301
	Sample ID	1273836	1273837	1273838	1287289	1287290	1287291	1287292
	Sample Date	01/28/2013	01/28/2013	01/28/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	10:55	11:01	11:07	11:10	11:12	11:50	11:55
	Sample Depth	2' - 4'	4' - 6'	6' - 8'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-18	13A0744-19	13A0744-20	13H1007-01	13H1007-02	13H1007-03	13H1007-04
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<22	<18	<10				
1,1,1,2-Tetrachloroethane	ug/kg	<2.2	<1.8	<1.0				
1,1,1-Trichloroethane	ug/kg	<2.2	<1.8	<1.0				
1,1,2,2-Tetrachloroethane	ug/kg	<1.1	<0.89	<0.51				
1,1,2-Trichloroethane	ug/kg	<2.2	<1.8	<1.0				
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<11	<8.9	<5.1				
1,1-Dichloroethane	ug/kg	<2.2	<1.8	<1.0				
Ethylene Dibromide	ug/kg	<1.1	<0.89	<0.51				
1,2-Dichloroethane	ug/kg	<2.2	<1.8	<1.0				
Chloroethane	ug/kg	<22	<18	<10				
Methyl tert-Butyl ether	ug/kg	<4.4	<3.6	<2.0				
1,1-Dichloroethylene	ug/kg	<4.4	<3.6	<2.0				
trans-1,2-Dichloroethylene	ug/kg	<2.2	<1.8	<1.0				
Vinyl Chloride	ug/kg	<11	<8.9	<5.1				
Tetrachloroethylene	ug/kg	<2.2	<1.8	<1.0				
Tetrahydrofuran	ug/kg	<11	<8.9	<5.1				
Hexanone, 2-	ug/kg	<22	<18	<10				
Bromomethane	ug/kg	<11	<8.9	<5.1				
Bromodichloromethane	ug/kg	<2.2	<1.8	<1.0				
Chloromethane	ug/kg	<11	<8.9	<5.1				
Dibromochloromethane	ug/kg	<1.1	<0.89	<0.51				
Methylene Dibromide	ug/kg	<2.2	<1.8	<1.0				
Methylene Chloride	ug/kg	<22	<18	<10				
Bromoform	ug/kg	<2.2	<1.8	<1.0				
Chloroform	ug/kg	<4.4	<3.6	<2.0				
Trichlorofluoromethane	ug/kg	<11	<8.9	<5.1				
2-Methylnaphthalene	ug/kg	<190	<190	<190	<180	<190	<180	<210
Methyl Isobutyl ketone	ug/kg	<22	<18	<10				

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-063	SB-063	SB-063	SB-300	SB-300	SB-301	SB-301
	Sample ID	1273836	1273837	1273838	1287289	1287290	1287291	1287292
	Sample Date	01/28/2013	01/28/2013	01/28/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	10:55	11:01	11:07	11:10	11:12	11:50	11:55
	Sample Depth	2' - 4'	4' - 6'	6' - 8'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0744-18	13A0744-19	13A0744-20	13H1007-01	13H1007-02	13H1007-03	13H1007-04
Constituent	Units							
2-Chlorophenol	ug/kg				<370	<370	<360	<410
1,2,3-Trichloropropane	ug/kg	<2.2	<1.8	<1.0				
1,2-Dibromo-3-Chloropropane	ug/kg	<2.2	<1.8	<1.0				
1,3-Dichloropropane	ug/kg	<1.1	<0.89	<0.51				
sec-Dichloropropane	ug/kg	<2.2	<1.8	<1.0				
1,1-Dichloropropene	ug/kg	<2.2	<1.8	<1.0				
trans-1,3-Dichloropropene	ug/kg	<1.1	<0.89	<0.51				
cis-1,3-Dichloropropene	ug/kg	<1.1	<0.89	<0.51				
Styrene	ug/kg	<2.2	<1.8	<1.0				
Toluene	ug/kg	<2.2	<1.8	<1.0				
2,4-Dinitrotoluene	ug/kg				<370	<370	<360	<410
2,6-Dinitrotoluene	ug/kg				<370	<370	<360	<410
2-Chlorotoluene	ug/kg	<2.2	<1.8	<1.0				
4-Chlorotoluene	ug/kg	<2.2	<1.8	<1.0				
Trichloroethylene	ug/kg	<2.2	<1.8	<1.0				
o-Xylene	ug/kg	<2.2	<1.8	<1.0				
Xylenes,m- & p-	ug/kg	<4.4	<3.6	<2.0				
2,4-Dimethylphenol	ug/kg				<370	<370	<360	<410
cis-1,2-Dichloroethylene	ug/kg	<2.2	<1.8	<1.0				
n-Butylbenzene	ug/kg	<2.2	<1.8	<1.0				
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-301	SB-302	SB-302	SB-302	SB-303	SB-303	SB-304
	Sample ID	1287292	1287293	1287294	1287294	1287295	1287295	1287297
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	11:55	12:15	12:20	12:20	12:38	12:38	13:15
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	2' - 4'	0' - 4'	0' - 4'	0' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-04RE1	13H1007-05	13H1007-06	13H1007-06RE1	13H1007-07	13H1007-07RE1	13H1007-09
Constituent	Units							
Date PCBs Analyzed	-							
Date Metals Analyzed	-					08/28/2013		08/28/2013
Date Organics Analyzed	-					08/29/2013		08/29/2013
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	08/30/2013	08/28/2013		08/30/2013		08/30/2013	08/30/2013
Date Semivolatile Organics Analyzed	-		08/30/2013	09/03/2013		09/03/2013		09/03/2013
Alachlor	ug/kg							
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg					11		<2.8
Barium	mg/kg					45		71
Cadmium	mg/kg					0.41		<0.28
Chromium, Total	mg/kg					11		13
Copper	mg/kg					21		8.8
Lead	mg/kg					41		74
Mercury	mg/kg					0.32		0.044
Nickel	mg/kg					7		6.5
Selenium	mg/kg					<5.1		<5.6
Silver	mg/kg					<0.51		<0.56
Zinc	mg/kg					44		110
Arochlor 1016	ug/kg							
Arochlor 1221	ug/kg							
Arochlor 1232	ug/kg							
Arochlor 1242	ug/kg							
Arochlor 1248	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-301	SB-302	SB-302	SB-302	SB-303	SB-303	SB-304
	Sample ID	1287292	1287293	1287294	1287294	1287295	1287295	1287297
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	11:55	12:15	12:20	12:20	12:38	12:38	13:15
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	2' - 4'	0' - 4'	0' - 4'	0' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-04RE1	13H1007-05	13H1007-06	13H1007-06RE1	13H1007-07	13H1007-07RE1	13H1007-09
Constituent	Units							
Arochlor 1254	ug/kg							
Arochlor 1260	ug/kg							
Arochlor 1262	ug/kg							
Arochlor 1268	ug/kg							
Aldrin	ug/kg							
Hexachlorobenzene	ug/kg		<340	<390		<370		<380
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg		<340	<390		<370		<380
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-301	SB-302	SB-302	SB-302	SB-303	SB-303	SB-304
	Sample ID	1287292	1287293	1287294	1287294	1287295	1287295	1287297
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	11:55	12:15	12:20	12:20	12:38	12:38	13:15
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	2' - 4'	0' - 4'	0' - 4'	0' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-04RE1	13H1007-05	13H1007-06	13H1007-06RE1	13H1007-07	13H1007-07RE1	13H1007-09
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	21	62		47		100	190
3,3'-Dichlorobenzidine	ug/kg		<170	<200		<190		<190
Acenaphthylene	ug/kg		<170	<200		<190		<190
Aniline	ug/kg		<340	<390		<370		<380
3-Nitroaniline	ug/kg		<340	<390		<370		<380
2-Nitroaniline	ug/kg		<340	<390		<370		<380
4-Chloroaniline	ug/kg		<670	<770		<720		<740
4-Nitroaniline	ug/kg		<340	<390		<370		<380
1,2,4,5-Tetrachlorobenzene	ug/kg		<340	<390		<370		<380
Benzo[a]anthracene	ug/kg		<170	<200		<190		720
Benzo[b]fluoranthene	ug/kg		<170	<200		<190		800
Benzo(a)pyrene	ug/kg		<170	<200		<190		650
Benzo(g,h,i)perylene	ug/kg		<170	<200		<190		280
Benzo(k)fluoranthene	ug/kg		<170	<200		<190		320
Carbazole	ug/kg		<170	<200		<190		<190
Chrysene	ug/kg		<170	<200		<190		830
2-Methyl-4,6-Dinitrophenol	ug/kg		<340	<390		<370		<380
3-Methyl-4-Chlorophenol	ug/kg		<670	<770		<720		<740
m- & p- Cresol	ug/kg		<340	<390		<370		<380
2-Methylphenol	ug/kg		<340	<390		<370		<380
Di-n-butyl phthalate	ug/kg		<340	<390		<370		<380
Dibenz(a,h)anthracene	ug/kg		<170	<200		<190		<190
n-Nitrosodiphenylamine	ug/kg		<340	<390		<370		<380
Nitrosodi-n-Propylamine	ug/kg		<340	<390		<370		<380
Hexachloroethane	ug/kg		<340	<390		<370		<380
4-Bromophenyl-phenylether	ug/kg		<340	<390		<370		<380
4-Chlorophenylphenyl ether	ug/kg		<340	<390		<370		<380
bis(2-Chloroisopropyl)ether	ug/kg		<340	<390		<370		<380

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-301	SB-302	SB-302	SB-302	SB-303	SB-303	SB-304
	Sample ID	1287292	1287293	1287294	1287294	1287295	1287295	1287297
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	11:55	12:15	12:20	12:20	12:38	12:38	13:15
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	2' - 4'	0' - 4'	0' - 4'	0' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-04RE1	13H1007-05	13H1007-06	13H1007-06RE1	13H1007-07	13H1007-07RE1	13H1007-09
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg		<340	<390		<370		<380
Fluoranthene	ug/kg		<170	210		<190		1100
Fluorene	ug/kg		<170	<200		<190		<190
Indeno(1,2,3-c,d)pyrene	ug/kg		<170	<200		<190		330
bis(2-Chloroethoxy) Methane	ug/kg		<340	<390		<370		<380
Naphthalene	ug/kg					<2.2		<2.7
Naphthalene	ug/kg		<170	<200		<190		<190
2-Chloronaphthalene	ug/kg		<340	<390		<370		<380
Phenanthrene	ug/kg		<170	<200		<190		400
Phenol	ug/kg		<340	<390		<370		<380
2,4,5-Trichlorophenol	ug/kg		<340	<390		<370		<380
2,4,6-Trichlorophenol	ug/kg		<340	<390		<370		<380
2,4-Dichlorophenol	ug/kg		<340	<390		<370		<380
2,4-Dinitrophenol	ug/kg		<670	<770		<720		<740
2-Nitrophenol	ug/kg		<340	<390		<370		<380
p-Nitrophenol	ug/kg		<670	<770		<720		<740
Pentachlorophenol	ug/kg		<340	<390		<370		<380
Butylbenzylphthalate	ug/kg		<340	<390		<370		<380
Diethyl Phthalate	ug/kg		<340	<390		<370		<380
Dimethyl Phthalate	ug/kg		<340	<390		<370		<380
Di-n-octyl phthalate	ug/kg		<680	<780		<730		<750
Pyrene	ug/kg		<170	290		<190		1500
Pyridine	ug/kg		<340	<390		<370		<380
bis(2-Ethylhexyl)phthalate	ug/kg		<340	<390		<370		<380
1,2-Dichloropropane	ug/kg					<1.1		<1.3
Acenaphthene	ug/kg		<170	<200		<190		<190
Acetone	ug/kg					<56		<66
Acrylonitrile	ug/kg					<3.3		<4

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-301	SB-302	SB-302	SB-302	SB-303	SB-303	SB-304
	Sample ID	1287292	1287293	1287294	1287294	1287295	1287295	1287297
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	11:55	12:15	12:20	12:20	12:38	12:38	13:15
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	2' - 4'	0' - 4'	0' - 4'	0' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-04RE1	13H1007-05	13H1007-06	13H1007-06RE1	13H1007-07	13H1007-07RE1	13H1007-09
Constituent	Units							
Anthracene	ug/kg		<170	<200		<190		<190
Benzene	ug/kg					<1.1		<1.3
1,2,3-Trichlorobenzene	ug/kg					<1.1		<1.3
1,2,4-Trichlorobenzene	ug/kg					<1.1		<1.3
1,2,4-Trichlorobenzene	ug/kg		<340	<390		<370		<380
1,2,4-Trimethylbenzene	ug/kg					<1.1		<1.3
1,2-Dichlorobenzene	ug/kg					<1.1		<1.3
1,3,5-Trimethylbenzene	ug/kg					<1.1		<1.3
1,3-Dichlorobenzene	ug/kg					<1.1		<1.3
1,4-Dichlorobenzene	ug/kg					<1.1		<1.3
Bromobenzene	ug/kg					<1.1		<1.3
Chlorobenzene	ug/kg					<1.1		<1.3
Ethylbenzene	ug/kg					<1.1		<1.3
Isopropylbenzene (Cumene)	ug/kg					<1.1		<1.3
Nitrobenzene	ug/kg		<340	<390		<370		<380
Pentachloronitrobenzene	ug/kg		<340	<390		<370		<380
n-Propylbenzene	ug/kg					<1.1		<1.3
sec-Butylbenzene	ug/kg					<1.1		<1.3
tert-Butylbenzene	ug/kg					<1.1		<1.3
Hexachlorobutadiene	ug/kg					<2.2		<2.7
Hexachlorobutadiene	ug/kg		<340	<390		<370		<380
2-Butanone (MEK)	ug/kg					<22		<27
trans-1,4-Dichlorobutene	ug/kg					<2.2		<2.7
Carbon Disulfide	ug/kg					<3.3		<4
Carbon Tetrachloride	ug/kg					<2.2		<2.7
Isophorone	ug/kg		<340	<390		<370		<380
4-Isopropyltoluene	ug/kg					<1.1		<1.3
Dibenzofuran	ug/kg		<340	<390		<370		<380

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-301	SB-302	SB-302	SB-302	SB-303	SB-303	SB-304
	Sample ID	1287292	1287293	1287294	1287294	1287295	1287295	1287297
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	11:55	12:15	12:20	12:20	12:38	12:38	13:15
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	2' - 4'	0' - 4'	0' - 4'	0' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-04RE1	13H1007-05	13H1007-06	13H1007-06RE1	13H1007-07	13H1007-07RE1	13H1007-09
Constituent	Units							
Dichlorodifluoromethane	ug/kg					<11		<13
1,1,1,2-Tetrachloroethane	ug/kg					<1.1		<1.3
1,1,1-Trichloroethane	ug/kg					<1.1		<1.3
1,1,2,2-Tetrachloroethane	ug/kg					<0.56		<0.66
1,1,2-Trichloroethane	ug/kg					<1.1		<1.3
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg					<5.6		<6.6
1,1-Dichloroethane	ug/kg					<1.1		<1.3
Ethylene Dibromide	ug/kg					<1.1		<1.3
1,2-Dichloroethane	ug/kg					<1.1		<1.3
Chloroethane	ug/kg					<11		<13
Methyl tert-Butyl ether	ug/kg					<2.2		<2.7
1,1-Dichloroethylene	ug/kg					<2.2		<2.7
trans-1,2-Dichloroethylene	ug/kg					<1.1		<1.3
Vinyl Chloride	ug/kg					<5.6		<6.6
Tetrachloroethylene	ug/kg					<1.1		<1.3
Tetrahydrofuran	ug/kg					<5.6		<6.6
Hexanone, 2-	ug/kg					<11		<13
Bromomethane	ug/kg					<5.6		<6.6
Bromodichloromethane	ug/kg					<1.1		<1.3
Chloromethane	ug/kg					<5.6		<6.6
Dibromochloromethane	ug/kg					<0.56		<0.66
Methylene Dibromide	ug/kg					<1.1		<1.3
Methylene Chloride	ug/kg					<11		<13
Bromoform	ug/kg					<1.1		<1.3
Chloroform	ug/kg					<2.2		<2.7
Trichlorofluoromethane	ug/kg					<5.6		<6.6
2-Methylnaphthalene	ug/kg		<170	<200		<190		<190
Methyl Isobutyl ketone	ug/kg					<11		<13

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-301	SB-302	SB-302	SB-302	SB-303	SB-303	SB-304
	Sample ID	1287292	1287293	1287294	1287294	1287295	1287295	1287297
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	11:55	12:15	12:20	12:20	12:38	12:38	13:15
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	2' - 4'	0' - 4'	0' - 4'	0' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-04RE1	13H1007-05	13H1007-06	13H1007-06RE1	13H1007-07	13H1007-07RE1	13H1007-09
Constituent	Units							
2-Chlorophenol	ug/kg		<340	<390		<370		<380
1,2,3-Trichloropropane	ug/kg					<1.1		<1.3
1,2-Dibromo-3-Chloropropane	ug/kg					<2.2		<2.7
1,3-Dichloropropane	ug/kg					<0.56		<0.66
sec-Dichloropropane	ug/kg					<1.1		<1.3
1,1-Dichloropropene	ug/kg					<1.1		<1.3
trans-1,3-Dichloropropene	ug/kg					<5.6		<6.6
cis-1,3-Dichloropropene	ug/kg					<2.2		<2.7
Styrene	ug/kg					<1.1		<1.3
Toluene	ug/kg					<1.1		<1.3
2,4-Dinitrotoluene	ug/kg		<340	<390		<370		<380
2,6-Dinitrotoluene	ug/kg		<340	<390		<370		<380
2-Chlorotoluene	ug/kg					<1.1		<1.3
4-Chlorotoluene	ug/kg					<1.1		<1.3
Trichloroethylene	ug/kg					<1.1		<1.3
o-Xylene	ug/kg					<1.1		<1.3
Xylenes,m- & p-	ug/kg					<2.2		<2.7
2,4-Dimethylphenol	ug/kg		<340	<390		<370		<380
cis-1,2-Dichloroethylene	ug/kg					<1.1		<1.3
n-Butylbenzene	ug/kg					<2.2		<2.7
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-305	SB-306	SB-306	SB-306	SB-306	SB-307	SB-307
	Sample ID	1287302	1287299	1287300	1287301	1287301	1287304	1287305
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	14:44	14:10	14:15	14:25	14:25	15:05	15:10
	Sample Depth	0' - 4'	0' - 2'	2' - 4'	4' - 8'	4' - 8'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-14	13H1007-11	13H1007-12	13H1007-13	13H1007-13RE1	13H1007-16	13H1007-17
Constituent	Units							
Date PCBs Analyzed	-							
Date Metals Analyzed	-	08/28/2013						
Date Organics Analyzed	-	08/29/2013						
Date Pesticides/Herbicides Analyzed	-				08/27/2013	08/29/2013		
Date Physical Analyzed	-	08/28/2013	08/28/2013	08/28/2013			08/28/2013	
Date Semivolatile Organics Analyzed	-	09/03/2013	09/03/2013	08/30/2013			09/03/2013	09/03/2013
Alachlor	ug/kg					<35		
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg	3.7						
Barium	mg/kg	110						
Cadmium	mg/kg	<0.27						
Chromium, Total	mg/kg	19						
Copper	mg/kg	14						
Lead	mg/kg	30						
Mercury	mg/kg	0.087						
Nickel	mg/kg	8						
Selenium	mg/kg	<5.4						
Silver	mg/kg	<0.54						
Zinc	mg/kg	44						
Arochlor 1016	ug/kg							
Arochlor 1221	ug/kg							
Arochlor 1232	ug/kg							
Arochlor 1242	ug/kg							
Arochlor 1248	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-305	SB-306	SB-306	SB-306	SB-306	SB-307	SB-307
	Sample ID	1287302	1287299	1287300	1287301	1287301	1287304	1287305
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	14:44	14:10	14:15	14:25	14:25	15:05	15:10
	Sample Depth	0' - 4'	0' - 2'	2' - 4'	4' - 8'	4' - 8'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-14	13H1007-11	13H1007-12	13H1007-13	13H1007-13RE1	13H1007-16	13H1007-17
Constituent	Units							
Arochlor 1254	ug/kg							
Arochlor 1260	ug/kg							
Arochlor 1262	ug/kg							
Arochlor 1268	ug/kg							
Aldrin	ug/kg					<8.8		
Hexachlorobenzene	ug/kg	<380	<350	<350			<350	<390
Hexachlorobenzene	ug/kg					<11		
Chlordane	ug/kg					<35		
alpha-Hexachlorocyclohexane	ug/kg					<8.8		
beta-Hexachlorocyclohexane	ug/kg					<8.8		
delta-Hexachlorocyclohexane	ug/kg					<8.8		
Lindane	ug/kg					<3.5		
Hexachlorocyclopentadiene	ug/kg	<380	<350	<350			<350	<390
Dieldrin	ug/kg					<7.1		
Endrin	ug/kg					<14		
Endrin aldehyde	ug/kg				<14			
Endrin ketone	ug/kg					<14		
4,4-DDT	ug/kg					<7.1		
Methoxychlor	ug/kg					<88		
4,4-DDD	ug/kg					20		
4,4-DDE	ug/kg					<7.1		
Heptachlor Epoxide	ug/kg					<8.8		
Heptachlor	ug/kg					<8.8		
Endosulfan Sulfate	ug/kg					<14		
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg					<8.8		
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg					<14		
Toxaphene	ug/kg					<180		
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-305	SB-306	SB-306	SB-306	SB-306	SB-307	SB-307
	Sample ID	1287302	1287299	1287300	1287301	1287301	1287304	1287305
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	14:44	14:10	14:15	14:25	14:25	15:05	15:10
	Sample Depth	0' - 4'	0' - 2'	2' - 4'	4' - 8'	4' - 8'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-14	13H1007-11	13H1007-12	13H1007-13	13H1007-13RE1	13H1007-16	13H1007-17
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	110	47	17			39	
3,3'-Dichlorobenzidine	ug/kg	<190	<170	<170			<170	<200
Acenaphthylene	ug/kg	<190	<170	<170			<170	<200
Aniline	ug/kg	<380	<350	<350			<350	<390
3-Nitroaniline	ug/kg	<380	<350	<350			<350	<390
2-Nitroaniline	ug/kg	<380	<350	<350			<350	<390
4-Chloroaniline	ug/kg	<740	<680	<680			<680	<760
4-Nitroaniline	ug/kg	<380	<350	<350			<350	<390
1,2,4,5-Tetrachlorobenzene	ug/kg	<380	<350	<350			<350	<390
Benzo[a]anthracene	ug/kg	730	<170	<170			<170	<200
Benzo[b]fluoranthene	ug/kg	920	<170	<170			<170	<200
Benzo(a)pyrene	ug/kg	720	<170	<170			<170	<200
Benzo(g,h,i)perylene	ug/kg	370	<170	<170			<170	<200
Benzo(k)fluoranthene	ug/kg	320	<170	<170			<170	<200
Carbazole	ug/kg	<190	<170	<170			<170	<200
Chrysene	ug/kg	950	<170	<170			<170	<200
2-Methyl-4,6-Dinitrophenol	ug/kg	<380	<350	<350			<350 V-	<390 V-
3-Methyl-4-Chlorophenol	ug/kg	<740	<680	<680			<680	<760
m- & p- Cresol	ug/kg	<380	<350	<350			<350	<390
2-Methylphenol	ug/kg	<380	<350	<350			<350	<390
Di-n-butyl phthalate	ug/kg	<380	<350	<350			<350	<390
Dibenz(a,h)anthracene	ug/kg	<190	<170	<170			<170	<200
n-Nitrosodiphenylamine	ug/kg	<380	<350	<350			<350	<390
Nitrosodi-n-Propylamine	ug/kg	<380	<350	<350			<350	<390
Hexachloroethane	ug/kg	<380	<350	<350			<350	<390
4-Bromophenyl-phenylether	ug/kg	<380	<350	<350			<350	<390
4-Chlorophenylphenyl ether	ug/kg	<380	<350	<350			<350	<390
bis(2-Chloroisopropyl)ether	ug/kg	<380	<350	<350			<350	<390

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-305	SB-306	SB-306	SB-306	SB-306	SB-307	SB-307
	Sample ID	1287302	1287299	1287300	1287301	1287301	1287304	1287305
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	14:44	14:10	14:15	14:25	14:25	15:05	15:10
	Sample Depth	0' - 4'	0' - 2'	2' - 4'	4' - 8'	4' - 8'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-14	13H1007-11	13H1007-12	13H1007-13	13H1007-13RE1	13H1007-16	13H1007-17
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg	<380	<350	<350			<350	<390
Fluoranthene	ug/kg	1400	<170	<170			<170	<200
Fluorene	ug/kg	<190	<170	<170			<170	<200
Indeno(1,2,3-c,d)pyrene	ug/kg	410	<170	<170			<170	<200
bis(2-Chloroethoxy) Methane	ug/kg	<380	<350	<350			<350	<390
Naphthalene	ug/kg	<3.2						
Naphthalene	ug/kg	<190	<170	<170			<170	<200
2-Chloronaphthalene	ug/kg	<380	<350	<350			<350	<390
Phenanthrene	ug/kg	1600	<170	<170			<170	<200
Phenol	ug/kg	<380	<350	<350			<350	<390
2,4,5-Trichlorophenol	ug/kg	<380	<350	<350			<350	<390
2,4,6-Trichlorophenol	ug/kg	<380	<350	<350			<350	<390
2,4-Dichlorophenol	ug/kg	<380	<350	<350			<350	<390
2,4-Dinitrophenol	ug/kg	<740	<680	<680			<680	<760
2-Nitrophenol	ug/kg	<380	<350	<350			<350	<390
p-Nitrophenol	ug/kg	<740	<680	<680			<680	<760
Pentachlorophenol	ug/kg	<380	<350	<350			<350	<390
Butylbenzylphthalate	ug/kg	<380	<350	<350			<350	<390
Diethyl Phthalate	ug/kg	<380	<350	<350			<350	<390
Dimethyl Phthalate	ug/kg	<380	<350	<350			<350	<390
Di-n-octyl phthalate	ug/kg	<750	<690	<690			<690	<770
Pyrene	ug/kg	2200	<170	<170			<170	<200
Pyridine	ug/kg	<380	<350	<350			<350	<390
bis(2-Ethylhexyl)phthalate	ug/kg	<380	<350	<350			<350	<390
1,2-Dichloropropane	ug/kg	<1.6						
Acenaphthene	ug/kg	<190	<170	<170			<170	<200
Acetone	ug/kg	<79						
Acrylonitrile	ug/kg	<4.8						

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-305	SB-306	SB-306	SB-306	SB-306	SB-307	SB-307
	Sample ID	1287302	1287299	1287300	1287301	1287301	1287304	1287305
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	14:44	14:10	14:15	14:25	14:25	15:05	15:10
	Sample Depth	0' - 4'	0' - 2'	2' - 4'	4' - 8'	4' - 8'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-14	13H1007-11	13H1007-12	13H1007-13	13H1007-13RE1	13H1007-16	13H1007-17
Constituent	Units							
Anthracene	ug/kg	<190	<170	<170			<170	<200
Benzene	ug/kg	<1.6						
1,2,3-Trichlorobenzene	ug/kg	<1.6						
1,2,4-Trichlorobenzene	ug/kg	<1.6						
1,2,4-Trichlorobenzene	ug/kg	<380	<350	<350			<350	<390
1,2,4-Trimethylbenzene	ug/kg	<1.6						
1,2-Dichlorobenzene	ug/kg	<1.6						
1,3,5-Trimethylbenzene	ug/kg	<1.6						
1,3-Dichlorobenzene	ug/kg	<1.6						
1,4-Dichlorobenzene	ug/kg	<1.6						
Bromobenzene	ug/kg	<1.6						
Chlorobenzene	ug/kg	<1.6						
Ethylbenzene	ug/kg	<1.6						
Isopropylbenzene (Cumene)	ug/kg	<1.6						
Nitrobenzene	ug/kg	<380	<350	<350			<350	<390
Pentachloronitrobenzene	ug/kg	<380	<350	<350			<350 V-	<390 V-
n-Propylbenzene	ug/kg	<1.6						
sec-Butylbenzene	ug/kg	<1.6						
tert-Butylbenzene	ug/kg	<1.6						
Hexachlorobutadiene	ug/kg	<3.2						
Hexachlorobutadiene	ug/kg	<380	<350	<350			<350	<390
2-Butanone (MEK)	ug/kg	<32						
trans-1,4-Dichlorobutene	ug/kg	<3.2						
Carbon Disulfide	ug/kg	<4.8						
Carbon Tetrachloride	ug/kg	<3.2						
Isophorone	ug/kg	<380	<350	<350			<350	<390
4-Isopropyltoluene	ug/kg	<1.6						
Dibenzofuran	ug/kg	<380	<350	<350			<350	<390

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-305	SB-306	SB-306	SB-306	SB-306	SB-307	SB-307
	Sample ID	1287302	1287299	1287300	1287301	1287301	1287304	1287305
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	14:44	14:10	14:15	14:25	14:25	15:05	15:10
	Sample Depth	0' - 4'	0' - 2'	2' - 4'	4' - 8'	4' - 8'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-14	13H1007-11	13H1007-12	13H1007-13	13H1007-13RE1	13H1007-16	13H1007-17
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<16						
1,1,1,2-Tetrachloroethane	ug/kg	<1.6						
1,1,1-Trichloroethane	ug/kg	<1.6						
1,1,2,2-Tetrachloroethane	ug/kg	<0.79						
1,1,2-Trichloroethane	ug/kg	<1.6						
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<7.9						
1,1-Dichloroethane	ug/kg	<1.6						
Ethylene Dibromide	ug/kg	<1.6						
1,2-Dichloroethane	ug/kg	<1.6						
Chloroethane	ug/kg	<16						
Methyl tert-Butyl ether	ug/kg	<3.2						
1,1-Dichloroethylene	ug/kg	<3.2						
trans-1,2-Dichloroethylene	ug/kg	<1.6						
Vinyl Chloride	ug/kg	<7.9						
Tetrachloroethylene	ug/kg	<1.6						
Tetrahydrofuran	ug/kg	<7.9						
Hexanone, 2-	ug/kg	<16						
Bromomethane	ug/kg	<7.9						
Bromodichloromethane	ug/kg	<1.6						
Chloromethane	ug/kg	<7.9						
Dibromochloromethane	ug/kg	<0.79						
Methylene Dibromide	ug/kg	<1.6						
Methylene Chloride	ug/kg	<16						
Bromoform	ug/kg	<1.6						
Chloroform	ug/kg	<3.2						
Trichlorofluoromethane	ug/kg	<7.9						
2-Methylnaphthalene	ug/kg	<190	<170	<170			<170	<200
Methyl Isobutyl ketone	ug/kg	<16						

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-305	SB-306	SB-306	SB-306	SB-306	SB-307	SB-307
	Sample ID	1287302	1287299	1287300	1287301	1287301	1287304	1287305
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013
	Sample Time	14:44	14:10	14:15	14:25	14:25	15:05	15:10
	Sample Depth	0' - 4'	0' - 2'	2' - 4'	4' - 8'	4' - 8'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-14	13H1007-11	13H1007-12	13H1007-13	13H1007-13RE1	13H1007-16	13H1007-17
Constituent	Units							
2-Chlorophenol	ug/kg	<380	<350	<350			<350	<390
1,2,3-Trichloropropane	ug/kg	<1.6						
1,2-Dibromo-3-Chloropropane	ug/kg	<3.2						
1,3-Dichloropropane	ug/kg	<0.79						
sec-Dichloropropane	ug/kg	<1.6						
1,1-Dichloropropene	ug/kg	<1.6						
trans-1,3-Dichloropropene	ug/kg	<7.9						
cis-1,3-Dichloropropene	ug/kg	<3.2						
Styrene	ug/kg	<1.6						
Toluene	ug/kg	<1.6						
2,4-Dinitrotoluene	ug/kg	<380	<350	<350			<350	<390
2,6-Dinitrotoluene	ug/kg	<380	<350	<350			<350	<390
2-Chlorotoluene	ug/kg	<1.6						
4-Chlorotoluene	ug/kg	<1.6						
Trichloroethylene	ug/kg	<1.6						
o-Xylene	ug/kg	<1.6						
Xylenes,m- & p-	ug/kg	<3.2						
2,4-Dimethylphenol	ug/kg	<380	<350	<350			<350	<390
cis-1,2-Dichloroethylene	ug/kg	<1.6						
n-Butylbenzene	ug/kg	<3.2						
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-307	SB-307	SB-307	SB-308	SB-308	SB-308	SB-309
	Sample ID	1287305	1287306	1287306	1287307	1287308	1287308	1287309
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/27/2013
	Sample Time	15:10	15:15	15:15	15:25	15:30	15:30	10:05
	Sample Depth	2' - 4'	6' - 8'	6' - 8'	0' - 2'	2' - 4'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-17RE1	13H1007-18	13H1007-18RE1	13H1007-19	13H1007-20	13H1007-20RE1	13H1034-01
Constituent	Units							
Date PCBs Analyzed	-							
Date Metals Analyzed	-							08/29/2013
Date Organics Analyzed	-							08/29/2013
Date Pesticides/Herbicides Analyzed	-		08/27/2013	08/29/2013				
Date Physical Analyzed	-	08/30/2013			08/28/2013		08/30/2013	08/30/2013
Date Semivolatile Organics Analyzed	-				09/03/2013	09/03/2013		08/30/2013
Alachlor	ug/kg			<25				
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg							<2.8
Barium	mg/kg							51
Cadmium	mg/kg							0.42
Chromium, Total	mg/kg							13
Copper	mg/kg							17
Lead	mg/kg							66
Mercury	mg/kg							0.07
Nickel	mg/kg							7.3
Selenium	mg/kg							<5.6
Silver	mg/kg							<0.56
Zinc	mg/kg							69
Arochlor 1016	ug/kg							
Arochlor 1221	ug/kg							
Arochlor 1232	ug/kg							
Arochlor 1242	ug/kg							
Arochlor 1248	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-307	SB-307	SB-307	SB-308	SB-308	SB-308	SB-309
	Sample ID	1287305	1287306	1287306	1287307	1287308	1287308	1287309
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/27/2013
	Sample Time	15:10	15:15	15:15	15:25	15:30	15:30	10:05
	Sample Depth	2' - 4'	6' - 8'	6' - 8'	0' - 2'	2' - 4'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-17RE1	13H1007-18	13H1007-18RE1	13H1007-19	13H1007-20	13H1007-20RE1	13H1034-01
Constituent	Units							
Arochlor 1254	ug/kg							
Arochlor 1260	ug/kg							
Arochlor 1262	ug/kg							
Arochlor 1268	ug/kg							
Aldrin	ug/kg			<6.3 V-				
Hexachlorobenzene	ug/kg				<370	<430		<1500
Hexachlorobenzene	ug/kg			<7.6				
Chlordane	ug/kg			<25				
alpha-Hexachlorocyclohexane	ug/kg			<6.3 V-				
beta-Hexachlorocyclohexane	ug/kg			<6.3				
delta-Hexachlorocyclohexane	ug/kg			<6.3 V-				
Lindane	ug/kg			<2.5 V-				
Hexachlorocyclopentadiene	ug/kg				<370	<430		<1500
Dieldrin	ug/kg			<5.0				
Endrin	ug/kg			<10 V-				
Endrin aldehyde	ug/kg		<10					
Endrin ketone	ug/kg			<10				
4,4-DDT	ug/kg			<5.0 V-				
Methoxychlor	ug/kg			<63				
4,4-DDD	ug/kg			<5.0 V-				
4,4-DDE	ug/kg			<5.0 V-				
Heptachlor Epoxide	ug/kg			<6.3				
Heptachlor	ug/kg			<6.3				
Endosulfan Sulfate	ug/kg			<10				
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg			<6.3 V-				
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg			<10 V-				
Toxaphene	ug/kg			<130				
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-307	SB-307	SB-307	SB-308	SB-308	SB-308	SB-309
	Sample ID	1287305	1287306	1287306	1287307	1287308	1287308	1287309
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/27/2013
	Sample Time	15:10	15:15	15:15	15:25	15:30	15:30	10:05
	Sample Depth	2' - 4'	6' - 8'	6' - 8'	0' - 2'	2' - 4'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-17RE1	13H1007-18	13H1007-18RE1	13H1007-19	13H1007-20	13H1007-20RE1	13H1034-01
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	40			62		97	710
3,3'-Dichlorobenzidine	ug/kg				<190	<210		<760
Acenaphthylene	ug/kg				<190	<210		<760
Aniline	ug/kg				<370	<430		<1500
3-Nitroaniline	ug/kg				<370	<430		<1500
2-Nitroaniline	ug/kg				<370	<430		<1500
4-Chloroaniline	ug/kg				<730	<830		<3000
4-Nitroaniline	ug/kg				<370	<430		<1500
1,2,4,5-Tetrachlorobenzene	ug/kg				<370	<430		<1500
Benzo[a]anthracene	ug/kg				<190	<210		2400
Benzo[b]fluoranthene	ug/kg				<190	<210		2800
Benzo(a)pyrene	ug/kg				<190	<210		2200
Benzo(g,h,i)perylene	ug/kg				<190	<210		1500
Benzo(k)fluoranthene	ug/kg				<190	<210		1100
Carbazole	ug/kg				<190	<210		<760
Chrysene	ug/kg				<190	<210		3000
2-Methyl-4,6-Dinitrophenol	ug/kg				<370 V-	<430 V-		<1500
3-Methyl-4-Chlorophenol	ug/kg				<730	<830		<3000
m- & p- Cresol	ug/kg				<370	<430		<1500
2-Methylphenol	ug/kg				<370	<430		<1500
Di-n-butyl phthalate	ug/kg				<370	<430		<1500
Dibenz(a,h)anthracene	ug/kg				<190	<210		<760
n-Nitrosodiphenylamine	ug/kg				<370	<430		<1500
Nitrosodi-n-Propylamine	ug/kg				<370	<430		<1500
Hexachloroethane	ug/kg				<370	<430		<1500
4-Bromophenyl-phenylether	ug/kg				<370	<430		<1500
4-Chlorophenylphenyl ether	ug/kg				<370	<430		<1500
bis(2-Chloroisopropyl)ether	ug/kg				<370	<430		<1500

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-307	SB-307	SB-307	SB-308	SB-308	SB-308	SB-309
	Sample ID	1287305	1287306	1287306	1287307	1287308	1287308	1287309
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/27/2013
	Sample Time	15:10	15:15	15:15	15:25	15:30	15:30	10:05
	Sample Depth	2' - 4'	6' - 8'	6' - 8'	0' - 2'	2' - 4'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-17RE1	13H1007-18	13H1007-18RE1	13H1007-19	13H1007-20	13H1007-20RE1	13H1034-01
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg				<370	<430		<1500
Fluoranthene	ug/kg				<190	<210		5000
Fluorene	ug/kg				<190	<210		870
Indeno(1,2,3-c,d)pyrene	ug/kg				<190	<210		1600
bis(2-Chloroethoxy) Methane	ug/kg				<370	<430		<1500
Naphthalene	ug/kg							<2.8
Naphthalene	ug/kg				<190	<210		<760
2-Chloronaphthalene	ug/kg				<370	<430		<1500
Phenanthrene	ug/kg				<190	<210		5500
Phenol	ug/kg				<370	<430		<1500
2,4,5-Trichlorophenol	ug/kg				<370	<430		<1500
2,4,6-Trichlorophenol	ug/kg				<370	<430		<1500
2,4-Dichlorophenol	ug/kg				<370	<430		<1500
2,4-Dinitrophenol	ug/kg				<730	<830		<3000
2-Nitrophenol	ug/kg				<370	<430		<1500
p-Nitrophenol	ug/kg				<730	<830		<3000
Pentachlorophenol	ug/kg				<370	<430		<1500
Butylbenzylphthalate	ug/kg				<370	<430		<1500
Diethyl Phthalate	ug/kg				<370	<430		<1500
Dimethyl Phthalate	ug/kg				<370	<430		<1500
Di-n-octyl phthalate	ug/kg				<740	<840		<3000
Pyrene	ug/kg				<190	<210		6600
Pyridine	ug/kg				<370	<430		<1500
bis(2-Ethylhexyl)phthalate	ug/kg				<370	<430		<1500
1,2-Dichloropropane	ug/kg							<1.4
Acenaphthene	ug/kg				<190	<210		<760
Acetone	ug/kg							<71
Acrylonitrile	ug/kg							<4.2

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-307	SB-307	SB-307	SB-308	SB-308	SB-308	SB-309
	Sample ID	1287305	1287306	1287306	1287307	1287308	1287308	1287309
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/27/2013
	Sample Time	15:10	15:15	15:15	15:25	15:30	15:30	10:05
	Sample Depth	2' - 4'	6' - 8'	6' - 8'	0' - 2'	2' - 4'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-17RE1	13H1007-18	13H1007-18RE1	13H1007-19	13H1007-20	13H1007-20RE1	13H1034-01
Constituent	Units							
Anthracene	ug/kg				<190	<210		810
Benzene	ug/kg							<1.4
1,2,3-Trichlorobenzene	ug/kg							<1.4
1,2,4-Trichlorobenzene	ug/kg							<1.4
1,2,4-Trichlorobenzene	ug/kg				<370	<430		<1500
1,2,4-Trimethylbenzene	ug/kg							<1.4
1,2-Dichlorobenzene	ug/kg							<1.4
1,3,5-Trimethylbenzene	ug/kg							<1.4
1,3-Dichlorobenzene	ug/kg							<1.4
1,4-Dichlorobenzene	ug/kg							<1.4
Bromobenzene	ug/kg							<1.4
Chlorobenzene	ug/kg							<1.4
Ethylbenzene	ug/kg							<1.4
Isopropylbenzene (Cumene)	ug/kg							<1.4
Nitrobenzene	ug/kg				<370	<430		<1500
Pentachloronitrobenzene	ug/kg				<370 V-	<430 V-		<1500
n-Propylbenzene	ug/kg							<1.4
sec-Butylbenzene	ug/kg							<1.4
tert-Butylbenzene	ug/kg							<1.4
Hexachlorobutadiene	ug/kg							<1.4
Hexachlorobutadiene	ug/kg				<370	<430		<1500
2-Butanone (MEK)	ug/kg							<28
trans-1,4-Dichlorobutene	ug/kg							<2.8
Carbon Disulfide	ug/kg							<4.2
Carbon Tetrachloride	ug/kg							<1.4
Isophorone	ug/kg				<370	<430		<1500
4-Isopropyltoluene	ug/kg							<1.4
Dibenzofuran	ug/kg				<370	<430		<1500

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-307	SB-307	SB-307	SB-308	SB-308	SB-308	SB-309
	Sample ID	1287305	1287306	1287306	1287307	1287308	1287308	1287309
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/27/2013
	Sample Time	15:10	15:15	15:15	15:25	15:30	15:30	10:05
	Sample Depth	2' - 4'	6' - 8'	6' - 8'	0' - 2'	2' - 4'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-17RE1	13H1007-18	13H1007-18RE1	13H1007-19	13H1007-20	13H1007-20RE1	13H1034-01
Constituent	Units							
Dichlorodifluoromethane	ug/kg							<14
1,1,1,2-Tetrachloroethane	ug/kg							<1.4
1,1,1-Trichloroethane	ug/kg							<1.4
1,1,2,2-Tetrachloroethane	ug/kg							<0.71
1,1,2-Trichloroethane	ug/kg							<1.4
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg							<7.1
1,1-Dichloroethane	ug/kg							<1.4
Ethylene Dibromide	ug/kg							<0.71
1,2-Dichloroethane	ug/kg							<1.4
Chloroethane	ug/kg							<14
Methyl tert-Butyl ether	ug/kg							<2.8
1,1-Dichloroethylene	ug/kg							<2.8
trans-1,2-Dichloroethylene	ug/kg							<1.4
Vinyl Chloride	ug/kg							<7.1
Tetrachloroethylene	ug/kg							<1.4
Tetrahydrofuran	ug/kg							<7.1
Hexanone, 2-	ug/kg							<14
Bromomethane	ug/kg							<7.1
Bromodichloromethane	ug/kg							<1.4
Chloromethane	ug/kg							<7.1
Dibromochloromethane	ug/kg							<0.71
Methylene Dibromide	ug/kg							<1.4
Methylene Chloride	ug/kg							<14
Bromoform	ug/kg							<2.8
Chloroform	ug/kg							<2.8
Trichlorofluoromethane	ug/kg							<7.1
2-Methylnaphthalene	ug/kg				<190	<210		<760
Methyl Isobutyl ketone	ug/kg							<14

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-307	SB-307	SB-307	SB-308	SB-308	SB-308	SB-309
	Sample ID	1287305	1287306	1287306	1287307	1287308	1287308	1287309
	Sample Date	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/26/2013	08/27/2013
	Sample Time	15:10	15:15	15:15	15:25	15:30	15:30	10:05
	Sample Depth	2' - 4'	6' - 8'	6' - 8'	0' - 2'	2' - 4'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1007-17RE1	13H1007-18	13H1007-18RE1	13H1007-19	13H1007-20	13H1007-20RE1	13H1034-01
Constituent	Units							
2-Chlorophenol	ug/kg				<370	<430		<1500
1,2,3-Trichloropropane	ug/kg							<1.4
1,2-Dibromo-3-Chloropropane	ug/kg							<1.4
1,3-Dichloropropane	ug/kg							<0.71
sec-Dichloropropane	ug/kg							<7.1
1,1-Dichloropropene	ug/kg							<1.4
trans-1,3-Dichloropropene	ug/kg							<0.71
cis-1,3-Dichloropropene	ug/kg							<0.71
Styrene	ug/kg							<1.4
Toluene	ug/kg							<1.4
2,4-Dinitrotoluene	ug/kg				<370	<430		<1500
2,6-Dinitrotoluene	ug/kg				<370	<430		<1500
2-Chlorotoluene	ug/kg							<1.4
4-Chlorotoluene	ug/kg							<1.4
Trichloroethylene	ug/kg							<1.4
o-Xylene	ug/kg							<1.4
Xylenes,m- & p-	ug/kg							<2.8
2,4-Dimethylphenol	ug/kg				<370	<430		<1500
cis-1,2-Dichloroethylene	ug/kg							<1.4
n-Butylbenzene	ug/kg							<1.4
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-309	SB-310	SB-310	SB-311	SB-311	SB-312	SB-312
	Sample ID	1287310	1287312	1287313	1287314	1287315	1287341	1287342
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/28/2013	08/28/2013
	Sample Time	10:10	10:35	10:40	11:10	11:20	15:10	15:20
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	6' - 8'	8' - 10'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-02	13H1034-04	13H1034-05	13H1034-06	13H1034-07	13H1103-22	13H1103-23
Constituent	Units							
Date PCBs Analyzed	-							
Date Metals Analyzed	-	08/29/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013		
Date Organics Analyzed	-	08/29/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013	08/30/2013	08/30/2013
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	09/03/2013	09/03/2013
Date Semivolatile Organics Analyzed	-	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	09/04/2013	09/04/2013
Alachlor	ug/kg							
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg	<2.9	<2.7	<2.9	3.5	<2.8		
Barium	mg/kg	46	50	34	48	47		
Cadmium	mg/kg	0.29	0.27	0.66	0.4	0.39		
Chromium, Total	mg/kg	7.9	7.2	9.7	11	10		
Copper	mg/kg	14	14	42	16	12		
Lead	mg/kg	80	51	31	46	30		
Mercury	mg/kg	0.17	0.034	0.035	0.036	0.077		
Nickel	mg/kg	5.2	4.6	4.9	6.6	5.9		
Selenium	mg/kg	<5.8	<5.4	<5.7	<5.6	<5.7		
Silver	mg/kg	<0.58	<0.54	<0.57	<0.56	<0.57		
Zinc	mg/kg	84	56	97	53	55		
Arochlor 1016	ug/kg							
Arochlor 1221	ug/kg							
Arochlor 1232	ug/kg							
Arochlor 1242	ug/kg							
Arochlor 1248	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-309	SB-310	SB-310	SB-311	SB-311	SB-312	SB-312
	Sample ID	1287310	1287312	1287313	1287314	1287315	1287341	1287342
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/28/2013	08/28/2013
	Sample Time	10:10	10:35	10:40	11:10	11:20	15:10	15:20
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	6' - 8'	8' - 10'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-02	13H1034-04	13H1034-05	13H1034-06	13H1034-07	13H1103-22	13H1103-23
Constituent	Units							
Arochlor 1254	ug/kg							
Arochlor 1260	ug/kg							
Arochlor 1262	ug/kg							
Arochlor 1268	ug/kg							
Aldrin	ug/kg							
Hexachlorobenzene	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-309	SB-310	SB-310	SB-311	SB-311	SB-312	SB-312
	Sample ID	1287310	1287312	1287313	1287314	1287315	1287341	1287342
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/28/2013	08/28/2013
	Sample Time	10:10	10:35	10:40	11:10	11:20	15:10	15:20
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	6' - 8'	8' - 10'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-02	13H1034-04	13H1034-05	13H1034-06	13H1034-07	13H1103-22	13H1103-23
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	750	430	76	78	32	<12	44
3,3'-Dichlorobenzidine	ug/kg	<790	<760	<190	<380	<190	<200	<200
Acenaphthylene	ug/kg	1300	<760	<190	<380	<190	<200	<200
Aniline	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
3-Nitroaniline	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
2-Nitroaniline	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
4-Chloroaniline	ug/kg	<3100	<2900	<750	<1500	<750	R	R
4-Nitroaniline	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
1,2,4,5-Tetrachlorobenzene	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
Benzo[a]anthracene	ug/kg	7200	<760	1000	610	<190	<200	<200
Benzo[b]fluoranthene	ug/kg	7300	870	1100	780	340	<200	<200
Benzo(a)pyrene	ug/kg	6200	<760	930	560	210	<200	<200
Benzo(g,h,i)perylene	ug/kg	3100	<760	730	<380	230	<200	<200
Benzo(k)fluoranthene	ug/kg	2700	<760	440	<380	<190	<200	<200
Carbazole	ug/kg	<790	<760	240	<380	<190	<200	<200
Chrysene	ug/kg	8000	800	1000	760	260	<200	<200
2-Methyl-4,6-Dinitrophenol	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
3-Methyl-4-Chlorophenol	ug/kg	<3100	<2900	<750	<1500	<750	<790	<780
m- & p- Cresol	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
2-Methylphenol	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
Di-n-butyl phthalate	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
Dibenz(a,h)anthracene	ug/kg	900	<760	<190	<380	<190	<200	<200
n-Nitrosodiphenylamine	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
Nitrosodi-n-Propylamine	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
Hexachloroethane	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
4-Bromophenyl-phenylether	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
4-Chlorophenylphenyl ether	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
bis(2-Chloroisopropyl)ether	ug/kg	<1600	<1500	<390	<770	<380	<410	<400

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-309	SB-310	SB-310	SB-311	SB-311	SB-312	SB-312
	Sample ID	1287310	1287312	1287313	1287314	1287315	1287341	1287342
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/28/2013	08/28/2013
	Sample Time	10:10	10:35	10:40	11:10	11:20	15:10	15:20
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	6' - 8'	8' - 10'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-02	13H1034-04	13H1034-05	13H1034-06	13H1034-07	13H1103-22	13H1103-23
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
Fluoranthene	ug/kg	13000	900	2500	1100	220	<200	240
Fluorene	ug/kg	1000	<760	<190	<380	<190	<200	<200
Indeno(1,2,3-c,d)pyrene	ug/kg	3500	<760	770	<380	220	<200	<200
bis(2-Chloroethoxy) Methane	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
Naphthalene	ug/kg	<3.3	<2	<2.6	<2.8	<5	<2.4	<2.6
Naphthalene	ug/kg	<790	<760	<190	<380	<190	<200	<200
2-Chloronaphthalene	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
Phenanthrene	ug/kg	9000	<760	1800	810	<190	<200	<200
Phenol	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
2,4,5-Trichlorophenol	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
2,4,6-Trichlorophenol	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
2,4-Dichlorophenol	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
2,4-Dinitrophenol	ug/kg	<3100	<2900	<750	<1500	<750	<790	<780
2-Nitrophenol	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
p-Nitrophenol	ug/kg	<3100	<2900	<750	<1500	<750	<790	<780
Pentachlorophenol	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
Butylbenzylphthalate	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
Diethyl Phthalate	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
Dimethyl Phthalate	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
Di-n-octyl phthalate	ug/kg	<3100	<3000	<760	<1500	<760	<800	<790
Pyrene	ug/kg	16000	1200	2400	1600	310	<200	<200
Pyridine	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
bis(2-Ethylhexyl)phthalate	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
1,2-Dichloropropane	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
Acenaphthene	ug/kg	<790	<760	<190	<380	<190	<200	<200
Acetone	ug/kg	<83	<50	<64	<71	<120	<60 L-	<66 L-
Acrylonitrile	ug/kg	<5	<3	<3.8	<4.3	<7.4	<3.6	<3.9

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-309	SB-310	SB-310	SB-311	SB-311	SB-312	SB-312
	Sample ID	1287310	1287312	1287313	1287314	1287315	1287341	1287342
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/28/2013	08/28/2013
	Sample Time	10:10	10:35	10:40	11:10	11:20	15:10	15:20
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	6' - 8'	8' - 10'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-02	13H1034-04	13H1034-05	13H1034-06	13H1034-07	13H1103-22	13H1103-23
Constituent	Units							
Anthracene	ug/kg	1500	<760	440	<380	<190	<200	<200
Benzene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
1,2,3-Trichlorobenzene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
1,2,4-Trichlorobenzene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
1,2,4-Trichlorobenzene	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
1,2,4-Trimethylbenzene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
1,2-Dichlorobenzene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
1,3,5-Trimethylbenzene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
1,3-Dichlorobenzene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
1,4-Dichlorobenzene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
Bromobenzene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
Chlorobenzene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
Ethylbenzene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
Isopropylbenzene (Cumene)	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
Nitrobenzene	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
Pentachloronitrobenzene	ug/kg	<1600	<1500	<390	<770	<380	<410 V-	<400 V-
n-Propylbenzene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
sec-Butylbenzene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
tert-Butylbenzene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
Hexachlorobutadiene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<2.4	<2.6
Hexachlorobutadiene	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
2-Butanone (MEK)	ug/kg	<33	<20	<26	<28	<50	<24	<26
trans-1,4-Dichlorobutene	ug/kg	<3.3	<2	<2.6	<2.8	<5	<2.4	<2.6
Carbon Disulfide	ug/kg	<5	<3	<3.8	<4.3	<7.4	<3.6	<3.9
Carbon Tetrachloride	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<2.4	<2.6
Isophorone	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
4-Isopropyltoluene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
Dibenzofuran	ug/kg	<1600	<1500	<390	<770	<380	<410	<400

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-309	SB-310	SB-310	SB-311	SB-311	SB-312	SB-312
	Sample ID	1287310	1287312	1287313	1287314	1287315	1287341	1287342
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/28/2013	08/28/2013
	Sample Time	10:10	10:35	10:40	11:10	11:20	15:10	15:20
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	6' - 8'	8' - 10'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-02	13H1034-04	13H1034-05	13H1034-06	13H1034-07	13H1103-22	13H1103-23
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<17	<10	<13	<14	<25	<12 L-	<13 L-
1,1,1,2-Tetrachloroethane	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
1,1,1-Trichloroethane	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
1,1,2,2-Tetrachloroethane	ug/kg	<0.83	<0.5	<0.64	<0.71	<1.2	<0.60	<0.66
1,1,2-Trichloroethane	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<8.3	<5	<6.4	<7.1	<12	<6.0	<6.6
1,1-Dichloroethane	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
Ethylene Dibromide	ug/kg	<0.83	<0.5	<0.64	<0.71	<1.2	<1.2	<1.3
1,2-Dichloroethane	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
Chloroethane	ug/kg	<17	<10	<13	<14	<25	<12	<13
Methyl tert-Butyl ether	ug/kg	<3.3	<2	<2.6	<2.8	<5	<2.4	<2.6
1,1-Dichloroethylene	ug/kg	<3.3	<2	<2.6	<2.8	<5	<2.4	<2.6
trans-1,2-Dichloroethylene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
Vinyl Chloride	ug/kg	<8.3	<5	<6.4	<7.1	<12	<6.0	<6.6
Tetrachloroethylene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
Tetrahydrofuran	ug/kg	<8.3	<5	<6.4	<7.1	<12	<6.0	<6.6
Hexanone, 2-	ug/kg	<17	<10	<13	<14	<25	<12	<13
Bromomethane	ug/kg	<8.3	<5	<6.4	<7.1	<12	<6.0 L-	<6.6 L-
Bromodichloromethane	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
Chloromethane	ug/kg	<8.3	<5	<6.4	<7.1	<12	<6.0 L-	<6.6 L-
Dibromochloromethane	ug/kg	<0.83	<0.5	<0.64	<0.71	<1.2	<0.60	<0.66
Methylene Dibromide	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
Methylene Chloride	ug/kg	<17	<10	<13	<14	<25	<12 L-	<13 L-
Bromoform	ug/kg	<3.3	<2	<2.6	<2.8	<5	<1.2	<1.3
Chloroform	ug/kg	<3.3	<2	<2.6	<2.8	<5	<2.4	<2.6
Trichlorofluoromethane	ug/kg	<8.3	<5	<6.4	<7.1	<12	<6.0	<6.6
2-Methylnaphthalene	ug/kg	<790	<760	<190	<380	<190	<200	<200
Methyl Isobutyl ketone	ug/kg	<17	<10	<13	<14	<25	<12	<13

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-309	SB-310	SB-310	SB-311	SB-311	SB-312	SB-312
	Sample ID	1287310	1287312	1287313	1287314	1287315	1287341	1287342
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/28/2013	08/28/2013
	Sample Time	10:10	10:35	10:40	11:10	11:20	15:10	15:20
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	6' - 8'	8' - 10'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-02	13H1034-04	13H1034-05	13H1034-06	13H1034-07	13H1103-22	13H1103-23
Constituent	Units							
2-Chlorophenol	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
1,2,3-Trichloropropane	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
1,2-Dibromo-3-Chloropropane	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<2.4	<2.6
1,3-Dichloropropane	ug/kg	<0.83	<0.5	<0.64	<0.71	<1.2	<0.60	<0.66
sec-Dichloropropane	ug/kg	<8.3	<5	<6.4	<7.1	<12	<1.2	<1.3
1,1-Dichloropropene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
trans-1,3-Dichloropropene	ug/kg	<0.83	<0.5	<0.64	<0.71	<1.2	<6.0	<6.6
cis-1,3-Dichloropropene	ug/kg	<0.83	<0.5	<0.64	<0.71	<1.2	<2.4	<2.6
Styrene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
Toluene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
2,4-Dinitrotoluene	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
2,6-Dinitrotoluene	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
2-Chlorotoluene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
4-Chlorotoluene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
Trichloroethylene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
o-Xylene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
Xylenes,m- & p-	ug/kg	<3.3	<2	<2.6	<2.8	<5	<2.4	<2.6
2,4-Dimethylphenol	ug/kg	<1600	<1500	<390	<770	<380	<410	<400
cis-1,2-Dichloroethylene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<1.2	<1.3
n-Butylbenzene	ug/kg	<1.7	<1	<1.3	<1.4	<2.5	<2.4	<2.6
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-312	SB-312A	SB-312A	SB-313	SB-313	SB-313	SB-313
	Sample ID	1287343	1287316	1287317	1287319	1287319	1287355	1287355
	Sample Date	08/28/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	15:25	11:35	14:50	12:10	12:10	12:10	12:10
	Sample Depth	10' - 12'	0' - 2'	2' - 4'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-24	13H1034-08	13H1034-09	13H1034-11	13H1034-11RE1	13H1034-12	13H1034-12RE1
Constituent	Units							
Date PCBs Analyzed	-							
Date Metals Analyzed	-		08/29/2013	08/29/2013	08/29/2013		08/29/2013	
Date Organics Analyzed	-	08/30/2013	08/29/2013	08/29/2013	08/29/2013		08/29/2013	
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	09/03/2013	08/30/2013	08/30/2013	08/30/2013		08/30/2013	
Date Semivolatile Organics Analyzed	-	09/05/2013	08/30/2013	09/03/2013	08/30/2013	09/03/2013	08/30/2013	09/04/2013
Alachlor	ug/kg							
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg		<2.8	<2.9	<2.8		<2.8	
Barium	mg/kg		45	42	53		57	
Cadmium	mg/kg		<0.28	<0.29	<0.28		0.34	
Chromium, Total	mg/kg		8.3	11	11		13	
Copper	mg/kg		13	8.7	12		12	
Lead	mg/kg		35	27	41		27	
Mercury	mg/kg		<0.028	0.049	0.049		<0.028	
Nickel	mg/kg		5.9	4.8	6.4		6.8	
Selenium	mg/kg		<5.6	<5.7	<5.6		<5.6	
Silver	mg/kg		<0.56	<0.57	<0.56		<0.56	
Zinc	mg/kg		40	31	56		41	
Arochlor 1016	ug/kg							
Arochlor 1221	ug/kg							
Arochlor 1232	ug/kg							
Arochlor 1242	ug/kg							
Arochlor 1248	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-312	SB-312A	SB-312A	SB-313	SB-313	SB-313	SB-313
	Sample ID	1287343	1287316	1287317	1287319	1287319	1287355	1287355
	Sample Date	08/28/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	15:25	11:35	14:50	12:10	12:10	12:10	12:10
	Sample Depth	10' - 12'	0' - 2'	2' - 4'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-24	13H1034-08	13H1034-09	13H1034-11	13H1034-11RE1	13H1034-12	13H1034-12RE1
Constituent	Units							
Arochlor 1254	ug/kg							
Arochlor 1260	ug/kg							
Arochlor 1262	ug/kg							
Arochlor 1268	ug/kg							
Aldrin	ug/kg							
Hexachlorobenzene	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-312	SB-312A	SB-312A	SB-313	SB-313	SB-313	SB-313
	Sample ID	1287343	1287316	1287317	1287319	1287319	1287355	1287355
	Sample Date	08/28/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	15:25	11:35	14:50	12:10	12:10	12:10	12:10
	Sample Depth	10' - 12'	0' - 2'	2' - 4'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-24	13H1034-08	13H1034-09	13H1034-11	13H1034-11RE1	13H1034-12	13H1034-12RE1
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	<11	920	23	180		910	
3,3'-Dichlorobenzidine	ug/kg	<190	<750	<190	<390	<780	<770	<3800
Acenaphthylene	ug/kg	<190	1300	<190	1300	1300	2500	<3800
Aniline	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
3-Nitroaniline	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
2-Nitroaniline	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
4-Chloroaniline	ug/kg	R	<2900	<750	<1500	<3000	<3000	<15000
4-Nitroaniline	ug/kg	<370 V-	<1500	<390	<780	<1600	<1500	<7700
1,2,4,5-Tetrachlorobenzene	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
Benzo[a]anthracene	ug/kg	<190	6400	<190	7000	7000	17000	20000
Benzo[b]fluoranthene	ug/kg	<190	7700	<190	7400	7600	16000	18000
Benzo(a)pyrene	ug/kg	<190	6300	<190	6200	6300	13000	17000
Benzo(g,h,i)perylene	ug/kg	<190	2800	<190	2700	2600	5800	6100
Benzo(k)fluoranthene	ug/kg	<190	3100	<190	2600	2700	5900	6900
Carbazole	ug/kg	<190	<750	<190	730	<780	1400	<3800
Chrysene	ug/kg	<190	6900	<190	7300	7400	18000	21000
2-Methyl-4,6-Dinitrophenol	ug/kg	<370 V-	<1500	<390	<780	<1600	<1500	<7700
3-Methyl-4-Chlorophenol	ug/kg	<720	<2900	<750	<1500	<3000	<3000	<15000
m- & p- Cresol	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
2-Methylphenol	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
Di-n-butyl phthalate	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
Dibenz(a,h)anthracene	ug/kg	<190	910	<190	870	840	1900	<3800
n-Nitrosodiphenylamine	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
Nitrosodi-n-Propylamine	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
Hexachloroethane	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
4-Bromophenyl-phenylether	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
4-Chlorophenylphenyl ether	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
bis(2-Chloroisopropyl)ether	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-312	SB-312A	SB-312A	SB-313	SB-313	SB-313	SB-313
	Sample ID	1287343	1287316	1287317	1287319	1287319	1287355	1287355
	Sample Date	08/28/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	15:25	11:35	14:50	12:10	12:10	12:10	12:10
	Sample Depth	10' - 12'	0' - 2'	2' - 4'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-24	13H1034-08	13H1034-09	13H1034-11	13H1034-11RE1	13H1034-12	13H1034-12RE1
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
Fluoranthene	ug/kg	<190	9800	<190	11000	13000	28000	38000
Fluorene	ug/kg	<190	<750	<190	1100	1100	2800	<3800
Indeno(1,2,3-c,d)pyrene	ug/kg	<190	3000	<190	3000	2900	6300	7200
bis(2-Chloroethoxy) Methane	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
Naphthalene	ug/kg	<2.6	<2.4	<3.7	<2.6		3.3	
Naphthalene	ug/kg	<190	<750	<190	<390	<780	<770	<3800
2-Chloronaphthalene	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
Phenanthrene	ug/kg	<190	4400	<190	8600	8900	21000	25000
Phenol	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
2,4,5-Trichlorophenol	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
2,4,6-Trichlorophenol	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
2,4-Dichlorophenol	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
2,4-Dinitrophenol	ug/kg	<720 V-	<2900	<750	<1500	<3000	<3000	<15000
2-Nitrophenol	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
p-Nitrophenol	ug/kg	<720	<2900	<750	<1500	<3000	<3000	<15000
Pentachlorophenol	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
Butylbenzylphthalate	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
Diethyl Phthalate	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
Dimethyl Phthalate	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
Di-n-octyl phthalate	ug/kg	<730	<3000	<760	<1500	<3100	<3000	<15000
Pyrene	ug/kg	<190	12000	<190	15000	16000	36000	35000
Pyridine	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
bis(2-Ethylhexyl)phthalate	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
1,2-Dichloropropane	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
Acenaphthene	ug/kg	<190	<750	<190	470	<780	1000	<3800
Acetone	ug/kg	<65 L-	<61	<92	<64		<56	
Acrylonitrile	ug/kg	<3.9	<3.6	<5.5	<3.9		<3.3	

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-312	SB-312A	SB-312A	SB-313	SB-313	SB-313	SB-313
	Sample ID	1287343	1287316	1287317	1287319	1287319	1287355	1287355
	Sample Date	08/28/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	15:25	11:35	14:50	12:10	12:10	12:10	12:10
	Sample Depth	10' - 12'	0' - 2'	2' - 4'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-24	13H1034-08	13H1034-09	13H1034-11	13H1034-11RE1	13H1034-12	13H1034-12RE1
Constituent	Units							
Anthracene	ug/kg	<190	940	<190	1800	1800	4100	4400
Benzene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
1,2,3-Trichlorobenzene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
1,2,4-Trichlorobenzene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
1,2,4-Trichlorobenzene	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
1,2,4-Trimethylbenzene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
1,2-Dichlorobenzene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
1,3,5-Trimethylbenzene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
1,3-Dichlorobenzene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
1,4-Dichlorobenzene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
Bromobenzene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
Chlorobenzene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
Ethylbenzene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
Isopropylbenzene (Cumene)	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
Nitrobenzene	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
Pentachloronitrobenzene	ug/kg	<370 V-	<1500	<390	<780	<1600	<1500	<7700
n-Propylbenzene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
sec-Butylbenzene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
tert-Butylbenzene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
Hexachlorobutadiene	ug/kg	<2.6	<1.2	<1.8	<1.3		<1.1	
Hexachlorobutadiene	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
2-Butanone (MEK)	ug/kg	<26	<24	<37	<26		<22	
trans-1,4-Dichlorobutene	ug/kg	<2.6	<2.4	<3.7	<2.6		<2.2	
Carbon Disulfide	ug/kg	<3.9	<3.6	<5.5	<3.9		<3.3	
Carbon Tetrachloride	ug/kg	<2.6	<1.2	<1.8	<1.3		<1.1	
Isophorone	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
4-Isopropyltoluene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
Dibenzofuran	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-312	SB-312A	SB-312A	SB-313	SB-313	SB-313	SB-313
	Sample ID	1287343	1287316	1287317	1287319	1287319	1287355	1287355
	Sample Date	08/28/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	15:25	11:35	14:50	12:10	12:10	12:10	12:10
	Sample Depth	10' - 12'	0' - 2'	2' - 4'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-24	13H1034-08	13H1034-09	13H1034-11	13H1034-11RE1	13H1034-12	13H1034-12RE1
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<13 L-	<12	<18	<13		<11	
1,1,1,2-Tetrachloroethane	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
1,1,1-Trichloroethane	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
1,1,2,2-Tetrachloroethane	ug/kg	<0.65	<0.61	<0.92	<0.64		<0.56	
1,1,2-Trichloroethane	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<6.5	<6.1	<9.2	<6.4		<5.6	
1,1-Dichloroethane	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
Ethylene Dibromide	ug/kg	<1.3	<0.61	<0.92	<0.64		<0.56	
1,2-Dichloroethane	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
Chloroethane	ug/kg	<13	<12	<18	<13		<11	
Methyl tert-Butyl ether	ug/kg	<2.6	<2.4	<3.7	<2.6		<2.2	
1,1-Dichloroethylene	ug/kg	<2.6	<2.4	<3.7	<2.6		<2.2	
trans-1,2-Dichloroethylene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
Vinyl Chloride	ug/kg	<6.5	<6.1	<9.2	<6.4		<5.6	
Tetrachloroethylene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
Tetrahydrofuran	ug/kg	<6.5	<6.1	<9.2	<6.4		<5.6	
Hexanone, 2-	ug/kg	<13	<12	<18	<13		<11	
Bromomethane	ug/kg	<6.5 L-	<6.1	<9.2	<6.4		<5.6	
Bromodichloromethane	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
Chloromethane	ug/kg	<6.5 L-	<6.1	<9.2	<6.4		<5.6	
Dibromochloromethane	ug/kg	<0.65	<0.61	<0.92	<0.64		<0.56	
Methylene Dibromide	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
Methylene Chloride	ug/kg	<13 L-	<12	<18	<13		<11	
Bromoform	ug/kg	<1.3	<2.4	<3.7	<2.6		<2.2	
Chloroform	ug/kg	<2.6	<2.4	<3.7	<2.6		<2.2	
Trichlorofluoromethane	ug/kg	<6.5	<6.1	<9.2	<6.4		<5.6	
2-Methylnaphthalene	ug/kg	<190	<750	<190	<390	<780	820	<3800
Methyl Isobutyl ketone	ug/kg	<13	<12	<18	<13		<11	

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-312	SB-312A	SB-312A	SB-313	SB-313	SB-313	SB-313
	Sample ID	1287343	1287316	1287317	1287319	1287319	1287355	1287355
	Sample Date	08/28/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	15:25	11:35	14:50	12:10	12:10	12:10	12:10
	Sample Depth	10' - 12'	0' - 2'	2' - 4'	0' - 2'	0' - 2'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-24	13H1034-08	13H1034-09	13H1034-11	13H1034-11RE1	13H1034-12	13H1034-12RE1
Constituent	Units							
2-Chlorophenol	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
1,2,3-Trichloropropane	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
1,2-Dibromo-3-Chloropropane	ug/kg	<2.6	<1.2	<1.8	<1.3		<1.1	
1,3-Dichloropropane	ug/kg	<0.65	<0.61	<0.92	<0.64		<0.56	
sec-Dichloropropane	ug/kg	<1.3	<6.1	<9.2	<6.4		<5.6	
1,1-Dichloropropene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
trans-1,3-Dichloropropene	ug/kg	<6.5	<0.61	<0.92	<0.64		<0.56	
cis-1,3-Dichloropropene	ug/kg	<2.6	<0.61	<0.92	<0.64		<0.56	
Styrene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
Toluene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
2,4-Dinitrotoluene	ug/kg	<370 V-	<1500	<390	<780	<1600	<1500	<7700
2,6-Dinitrotoluene	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
2-Chlorotoluene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
4-Chlorotoluene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
Trichloroethylene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
o-Xylene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
Xylenes,m- & p-	ug/kg	<2.6	<2.4	<3.7	<2.6		<2.2	
2,4-Dimethylphenol	ug/kg	<370	<1500	<390	<780	<1600	<1500	<7700
cis-1,2-Dichloroethylene	ug/kg	<1.3	<1.2	<1.8	<1.3		<1.1	
n-Butylbenzene	ug/kg	<2.6	<1.2	<1.8	<1.3		<1.1	
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-313	SB-313	SB-314A	SB-314A	SB-314A	SB-315A	SB-315A
	Sample ID	1287321	1287320	1287322	1287354	1287323	1287360	1287361
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	12:20	12:30	13:20	13:21	13:25	13:40	13:50
	Sample Depth	2' - 4'	4' - 6'	0' - 2'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-14	13I0179-01	13H1034-15	13H1034-16	13H1034-17	13H1034-19	13H1034-20
Constituent	Units							
Date PCBs Analyzed	-			08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
Date Metals Analyzed	-	08/29/2013						
Date Organics Analyzed	-	08/29/2013						
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	09/03/2013	09/11/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
Date Semivolatile Organics Analyzed	-	08/30/2013	09/11/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	09/03/2013
Alachlor	ug/kg							
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg	3.2						
Barium	mg/kg	74						
Cadmium	mg/kg	0.55						
Chromium, Total	mg/kg	12						
Copper	mg/kg	19						
Lead	mg/kg	110						
Mercury	mg/kg	0.072						
Nickel	mg/kg	5.3						
Selenium	mg/kg	<5.6						
Silver	mg/kg	<0.56						
Zinc	mg/kg	120						
Arochlor 1016	ug/kg			<110	<110	<110	<100	<110
Arochlor 1221	ug/kg			<110	<110	<110	<100	<110
Arochlor 1232	ug/kg			<110	<110	<110	<100	<110
Arochlor 1242	ug/kg			<110	<110	<110	<100	<110
Arochlor 1248	ug/kg			<110	<110	<110	<100	<110

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-313	SB-313	SB-314A	SB-314A	SB-314A	SB-315A	SB-315A
	Sample ID	1287321	1287320	1287322	1287354	1287323	1287360	1287361
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	12:20	12:30	13:20	13:21	13:25	13:40	13:50
	Sample Depth	2' - 4'	4' - 6'	0' - 2'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-14	13I0179-01	13H1034-15	13H1034-16	13H1034-17	13H1034-19	13H1034-20
Constituent	Units							
Arochlor 1254	ug/kg			<110	<110	<110	<100	<110
Arochlor 1260	ug/kg			<110	<110	<110	<100	<110
Arochlor 1262	ug/kg			<110	<110	<110	<100	<110
Arochlor 1268	ug/kg			<110	<110	<110	<100	<110
Aldrin	ug/kg							
Hexachlorobenzene	ug/kg	<400	<880	<370	<750	<390	<370	<380
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg	<400	<880	<370	<750	<390	<370	<380
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-313	SB-313	SB-314A	SB-314A	SB-314A	SB-315A	SB-315A
	Sample ID	1287321	1287320	1287322	1287354	1287323	1287360	1287361
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	12:20	12:30	13:20	13:21	13:25	13:40	13:50
	Sample Depth	2' - 4'	4' - 6'	0' - 2'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-14	13I0179-01	13H1034-15	13H1034-16	13H1034-17	13H1034-19	13H1034-20
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	130	790	58	260	210	79	<11
3,3'-Dichlorobenzidine	ug/kg	<200	<440	<190	<370	<200	<190	<190
Acenaphthylene	ug/kg	<200	<440	210	390	300	<190	<190
Aniline	ug/kg	<400	<880	<370	<750	<390	<370	<380
3-Nitroaniline	ug/kg	<400	<880	<370	<750	<390	<370	<380
2-Nitroaniline	ug/kg	<400	<880	<370	<750	<390	<370	<380
4-Chloroaniline	ug/kg	<780	<1700	<720	<1500	<760	<720	<740
4-Nitroaniline	ug/kg	<400	<880	<370	<750	<390	<370	<380
1,2,4,5-Tetrachlorobenzene	ug/kg	<400	<880	<370	<750	<390	<370	<380
Benzo[a]anthracene	ug/kg	240	1600	1000	1800	1100	450	<190
Benzo[b]fluoranthene	ug/kg	370	2000	1300	2200	1600	720	<190
Benzo(a)pyrene	ug/kg	260	1400	1100	1700	1300	580	<190
Benzo(g,h,i)perylene	ug/kg	210	540	670	750	870	460	<190
Benzo(k)fluoranthene	ug/kg	<200	800	440	800	610	280	<190
Carbazole	ug/kg	<200	<440	<190	<370	<200	<190	<190
Chrysene	ug/kg	360	1700	1300	2100	1700	490	<190
2-Methyl-4,6-Dinitrophenol	ug/kg	<400	<880	<370	<750	<390	<370	<380
3-Methyl-4-Chlorophenol	ug/kg	<780	<1700	<720	<1500	<760	<720	<740
m- & p- Cresol	ug/kg	<400	<880	<370	<750	<390	<370	<380
2-Methylphenol	ug/kg	<400	<880	<370	<750	<390	<370	<380
Di-n-butyl phthalate	ug/kg	<400	<880	<370	<750	<390	<370	<380
Dibenz(a,h)anthracene	ug/kg	<200	<440	210	<370	210	<190	<190
n-Nitrosodiphenylamine	ug/kg	<400	<880	<370	<750	<390	<370	<380
Nitrosodi-n-Propylamine	ug/kg	<400	<880	<370	<750	<390	<370	<380
Hexachloroethane	ug/kg	<400	<880	<370	<750	<390	<370	<380
4-Bromophenyl-phenylether	ug/kg	<400	<880	<370	<750	<390	<370	<380
4-Chlorophenylphenyl ether	ug/kg	<400	<880	<370	<750	<390	<370	<380
bis(2-Chloroisopropyl)ether	ug/kg	<400	<880	<370	<750	<390	<370	<380

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
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	Location ID	SB-313	SB-313	SB-314A	SB-314A	SB-314A	SB-315A	SB-315A
	Sample ID	1287321	1287320	1287322	1287354	1287323	1287360	1287361
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	12:20	12:30	13:20	13:21	13:25	13:40	13:50
	Sample Depth	2' - 4'	4' - 6'	0' - 2'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-14	13I0179-01	13H1034-15	13H1034-16	13H1034-17	13H1034-19	13H1034-20
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg	<400	<880	<370	<750	<390	<370	<380
Fluoranthene	ug/kg	510	3000	1900	2900	2400	660	<190
Fluorene	ug/kg	<200	<440	<190	<370	<200	<190	<190
Indeno(1,2,3-c,d)pyrene	ug/kg	240	600	740	830	960	460	<190
bis(2-Chloroethoxy) Methane	ug/kg	<400	<880	<370	<750	<390	<370	<380
Naphthalene	ug/kg	<4.1						
Naphthalene	ug/kg	<200	<440	<190	<370	<200	<190	<190
2-Chloronaphthalene	ug/kg	<400	<880	<370	<750	<390	<370	<380
Phenanthrene	ug/kg	370	2100	990	1300	1400	590	<190
Phenol	ug/kg	<400	<880	<370	<750	<390	<370	<380
2,4,5-Trichlorophenol	ug/kg	<400	<880	<370	<750	<390	<370	<380
2,4,6-Trichlorophenol	ug/kg	<400	<880	<370	<750	<390	<370	<380
2,4-Dichlorophenol	ug/kg	<400	<880	<370	<750	<390	<370	<380
2,4-Dinitrophenol	ug/kg	<780	<1700	<720	<1500	<760	<720	<740
2-Nitrophenol	ug/kg	<400	<880	<370	<750	<390	<370	<380
p-Nitrophenol	ug/kg	<780	<1700	<720	<1500	<760	<720	<740
Pentachlorophenol	ug/kg	<400	<880	<370	<750	<390	<370	<380
Butylbenzylphthalate	ug/kg	<400	<880	<370	<750	<390	<370	<380
Diethyl Phthalate	ug/kg	<400	<880	<370	<750	<390	<370	<380
Dimethyl Phthalate	ug/kg	<400	<880	<370	<750	<390	<370	<380
Di-n-octyl phthalate	ug/kg	<790	<1700	<730	<1500	<770	<730	<760
Pyrene	ug/kg	670	3500	2500	3600	3200	880	<190
Pyridine	ug/kg	<400	<880	<370	<750	<390	<370	<380
bis(2-Ethylhexyl)phthalate	ug/kg	<400	<880	<370	<750	<390	<370	<380
1,2-Dichloropropane	ug/kg	<2.1						
Acenaphthene	ug/kg	<200	<440	<190	<370	<200	<190	<190
Acetone	ug/kg	330						
Acrylonitrile	ug/kg	<6.2						

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
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	Location ID	SB-313	SB-313	SB-314A	SB-314A	SB-314A	SB-315A	SB-315A
	Sample ID	1287321	1287320	1287322	1287354	1287323	1287360	1287361
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	12:20	12:30	13:20	13:21	13:25	13:40	13:50
	Sample Depth	2' - 4'	4' - 6'	0' - 2'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-14	13I0179-01	13H1034-15	13H1034-16	13H1034-17	13H1034-19	13H1034-20
Constituent	Units							
Anthracene	ug/kg	<200	<440	<190	<370	<200	<190	<190
Benzene	ug/kg	<2.1						
1,2,3-Trichlorobenzene	ug/kg	<2.1						
1,2,4-Trichlorobenzene	ug/kg	<2.1						
1,2,4-Trichlorobenzene	ug/kg	<400	<880	<370	<750	<390	<370	<380
1,2,4-Trimethylbenzene	ug/kg	<2.1						
1,2-Dichlorobenzene	ug/kg	<2.1						
1,3,5-Trimethylbenzene	ug/kg	<2.1						
1,3-Dichlorobenzene	ug/kg	<2.1						
1,4-Dichlorobenzene	ug/kg	<2.1						
Bromobenzene	ug/kg	<2.1						
Chlorobenzene	ug/kg	<2.1						
Ethylbenzene	ug/kg	<2.1						
Isopropylbenzene (Cumene)	ug/kg	<2.1						
Nitrobenzene	ug/kg	<400	<880	<370	<750	<390	<370	<380
Pentachloronitrobenzene	ug/kg	<400	<880	<370	<750	<390	<370	<380
n-Propylbenzene	ug/kg	<2.1						
sec-Butylbenzene	ug/kg	<2.1						
tert-Butylbenzene	ug/kg	<2.1						
Hexachlorobutadiene	ug/kg	<2.1						
Hexachlorobutadiene	ug/kg	<400	<880	<370	<750	<390	<370	<380
2-Butanone (MEK)	ug/kg	72						
trans-1,4-Dichlorobutene	ug/kg	<4.1						
Carbon Disulfide	ug/kg	<6.2						
Carbon Tetrachloride	ug/kg	<2.1						
Isophorone	ug/kg	<400	<880	<370	<750	<390	<370	<380
4-Isopropyltoluene	ug/kg	<2.1						
Dibenzofuran	ug/kg	<400	<880	<370	<750	<390	<370	<380

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-313	SB-313	SB-314A	SB-314A	SB-314A	SB-315A	SB-315A
	Sample ID	1287321	1287320	1287322	1287354	1287323	1287360	1287361
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	12:20	12:30	13:20	13:21	13:25	13:40	13:50
	Sample Depth	2' - 4'	4' - 6'	0' - 2'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-14	13I0179-01	13H1034-15	13H1034-16	13H1034-17	13H1034-19	13H1034-20
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<21						
1,1,1,2-Tetrachloroethane	ug/kg	<2.1						
1,1,1-Trichloroethane	ug/kg	<2.1						
1,1,2,2-Tetrachloroethane	ug/kg	<1						
1,1,2-Trichloroethane	ug/kg	<2.1						
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<10						
1,1-Dichloroethane	ug/kg	<2.1						
Ethylene Dibromide	ug/kg	<1						
1,2-Dichloroethane	ug/kg	<2.1						
Chloroethane	ug/kg	<21						
Methyl tert-Butyl ether	ug/kg	<4.1						
1,1-Dichloroethylene	ug/kg	<4.1						
trans-1,2-Dichloroethylene	ug/kg	<2.1						
Vinyl Chloride	ug/kg	<10						
Tetrachloroethylene	ug/kg	<2.1						
Tetrahydrofuran	ug/kg	<10						
Hexanone, 2-	ug/kg	<21						
Bromomethane	ug/kg	<10						
Bromodichloromethane	ug/kg	<2.1						
Chloromethane	ug/kg	<10						
Dibromochloromethane	ug/kg	<1						
Methylene Dibromide	ug/kg	<2.1						
Methylene Chloride	ug/kg	<21						
Bromoform	ug/kg	<4.1						
Chloroform	ug/kg	<4.1						
Trichlorofluoromethane	ug/kg	<10						
2-Methylnaphthalene	ug/kg	<200	<440	<190	<370	<200	<190	<190
Methyl Isobutyl ketone	ug/kg	<21						

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-313	SB-313	SB-314A	SB-314A	SB-314A	SB-315A	SB-315A
	Sample ID	1287321	1287320	1287322	1287354	1287323	1287360	1287361
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	12:20	12:30	13:20	13:21	13:25	13:40	13:50
	Sample Depth	2' - 4'	4' - 6'	0' - 2'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-14	13I0179-01	13H1034-15	13H1034-16	13H1034-17	13H1034-19	13H1034-20
Constituent	Units							
2-Chlorophenol	ug/kg	<400	<880	<370	<750	<390	<370	<380
1,2,3-Trichloropropane	ug/kg	<2.1						
1,2-Dibromo-3-Chloropropane	ug/kg	<2.1						
1,3-Dichloropropane	ug/kg	<1						
sec-Dichloropropane	ug/kg	<10						
1,1-Dichloropropene	ug/kg	<2.1						
trans-1,3-Dichloropropene	ug/kg	<1						
cis-1,3-Dichloropropene	ug/kg	<1						
Styrene	ug/kg	<2.1						
Toluene	ug/kg	<2.1						
2,4-Dinitrotoluene	ug/kg	<400	<880	<370	<750	<390	<370	<380
2,6-Dinitrotoluene	ug/kg	<400	<880	<370	<750	<390	<370	<380
2-Chlorotoluene	ug/kg	<2.1						
4-Chlorotoluene	ug/kg	<2.1						
Trichloroethylene	ug/kg	<2.1						
o-Xylene	ug/kg	<2.1						
Xylenes,m- & p-	ug/kg	<4.1						
2,4-Dimethylphenol	ug/kg	<400	<880	<370	<750	<390	<370	<380
cis-1,2-Dichloroethylene	ug/kg	<2.1						
n-Butylbenzene	ug/kg	<2.1						
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

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	Location ID	SB-316A	SB-316A	SB-317	SB-317	SB-318	SB-318	SB-322
	Sample ID	1287363	1287364	1287403	1287404	1287330	1287331	1287335
	Sample Date	08/27/2013	08/27/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	14:10	14:20	11:55	12:00	13:10	13:15	14:05
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-22	13H1034-23	13H1103-07	13H1103-08	13H1103-11	13H1103-12	13H1103-16
Constituent	Units							
Date PCBs Analyzed	-							
Date Metals Analyzed	-	08/29/2013	08/29/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	
Date Organics Analyzed	-	08/29/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013	08/30/2013	
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	08/30/2013	08/30/2013	09/03/2013	09/03/2013	09/03/2013	09/03/2013	09/03/2013
Date Semivolatile Organics Analyzed	-	08/30/2013	09/03/2013	09/05/2013	09/05/2013	09/04/2013	09/04/2013	
Alachlor	ug/kg							
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg	<2.7	<2.8	<2.7	<2.6	<2.5	<2.4	
Barium	mg/kg	37	52	58	61	22	19	
Cadmium	mg/kg	<0.27	0.31	<0.27	<0.26	<0.25	<0.24	
Chromium, Total	mg/kg	8.9	8.3	14	11	5.7	5.5	
Copper	mg/kg	11	12	11	7.5	4.7	5.6	
Lead	mg/kg	23	32	34	19	2.4	2.3	
Mercury	mg/kg	<0.027	0.069	0.057	0.030	<0.026	<0.026	
Nickel	mg/kg	6.2	4.2	7.0	5.0	2.5	2.8	
Selenium	mg/kg	<5.5	<5.5	<5.3	<5.3	<5.0	<4.9	
Silver	mg/kg	<0.55	<0.55	<0.53	<0.53	<0.50	<0.49	
Zinc	mg/kg	34	58	63	35	11	9.8	
Arochlor 1016	ug/kg							
Arochlor 1221	ug/kg							
Arochlor 1232	ug/kg							
Arochlor 1242	ug/kg							
Arochlor 1248	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

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Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-316A	SB-316A	SB-317	SB-317	SB-318	SB-318	SB-322
	Sample ID	1287363	1287364	1287403	1287404	1287330	1287331	1287335
	Sample Date	08/27/2013	08/27/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	14:10	14:20	11:55	12:00	13:10	13:15	14:05
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-22	13H1034-23	13H1103-07	13H1103-08	13H1103-11	13H1103-12	13H1103-16
Constituent	Units							
Arochlor 1254	ug/kg							
Arochlor 1260	ug/kg							
Arochlor 1262	ug/kg							
Arochlor 1268	ug/kg							
Aldrin	ug/kg							
Hexachlorobenzene	ug/kg	<370	<390	<380	<370	<350	<350	
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg	<370	<390	<380	<370	<350	<350	
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-316A	SB-316A	SB-317	SB-317	SB-318	SB-318	SB-322
	Sample ID	1287363	1287364	1287403	1287404	1287330	1287331	1287335
	Sample Date	08/27/2013	08/27/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	14:10	14:20	11:55	12:00	13:10	13:15	14:05
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-22	13H1034-23	13H1103-07	13H1103-08	13H1103-11	13H1103-12	13H1103-16
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	150	56	220	50	<10	<10	22
3,3'-Dichlorobenzidine	ug/kg	<190	<200	<190	<190	<180	<180	
Acenaphthylene	ug/kg	<190	<200	<190	<190	<180	<180	
Aniline	ug/kg	<370	<390	<380	<370	<350	<350	
3-Nitroaniline	ug/kg	<370	<390	<380	<370	<350	<350	
2-Nitroaniline	ug/kg	<370	<390	<380	<370	<350	<350	
4-Chloroaniline	ug/kg	<720	<760	R	R	R	R	
4-Nitroaniline	ug/kg	<370	<390	<380 V-	<370 V-	<350	<350	
1,2,4,5-Tetrachlorobenzene	ug/kg	<370	<390	<380	<370	<350	<350	
Benzo[a]anthracene	ug/kg	740	<200	280	290	<180	<180	
Benzo[b]fluoranthene	ug/kg	1100	<200	520	450	<180	<180	
Benzo(a)pyrene	ug/kg	900	<200	360	330	<180	<180	
Benzo(g,h,i)perylene	ug/kg	730	<200	200	220	<180	<180	
Benzo(k)fluoranthene	ug/kg	390	<200	<190	<190	<180	<180	
Carbazole	ug/kg	<190	<200	<190	<190	<180	<180	
Chrysene	ug/kg	830	<200	370	410	<180	<180	
2-Methyl-4,6-Dinitrophenol	ug/kg	<370	<390	<380 V-	<370 V-	<350	<350	
3-Methyl-4-Chlorophenol	ug/kg	<720	<760	<730	<730	<690	<690	
m- & p- Cresol	ug/kg	<370	<390	<380	<370	<350	<350	
2-Methylphenol	ug/kg	<370	<390	<380	<370	<350	<350	
Di-n-butyl phthalate	ug/kg	<370	<390	<380	<370	<350	<350	
Dibenz(a,h)anthracene	ug/kg	210	<200	<190	<190	<180	<180	
n-Nitrosodiphenylamine	ug/kg	<370	<390	<380	<370	<350	<350	
Nitrosodi-n-Propylamine	ug/kg	<370	<390	<380	<370	<350	<350	
Hexachloroethane	ug/kg	<370	<390	<380	<370	<350	<350	
4-Bromophenyl-phenylether	ug/kg	<370	<390	<380	<370	<350	<350	
4-Chlorophenylphenyl ether	ug/kg	<370	<390	<380	<370	<350	<350	
bis(2-Chloroisopropyl)ether	ug/kg	<370	<390	<380	<370	<350	<350	

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-316A	SB-316A	SB-317	SB-317	SB-318	SB-318	SB-322
	Sample ID	1287363	1287364	1287403	1287404	1287330	1287331	1287335
	Sample Date	08/27/2013	08/27/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	14:10	14:20	11:55	12:00	13:10	13:15	14:05
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-22	13H1034-23	13H1103-07	13H1103-08	13H1103-11	13H1103-12	13H1103-16
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg	<370	<390	<380	<370	<350	<350	
Fluoranthene	ug/kg	1400	220	520	690	<180	<180	
Fluorene	ug/kg	<190	<200	<190	<190	<180	<180	
Indeno(1,2,3-c,d)pyrene	ug/kg	740	<200	210	210	<180	<180	
bis(2-Chloroethoxy) Methane	ug/kg	<370	<390	<380	<370	<350	<350	
Naphthalene	ug/kg	<3.3	<4.1	<3.1	<2.7	<2.4	<2.6 MS	
Naphthalene	ug/kg	<190	<200	<190	<190	<180	<180	
2-Chloronaphthalene	ug/kg	<370	<390	<380	<370	<350	<350	
Phenanthrene	ug/kg	970	<200	260	450	<180	<180	
Phenol	ug/kg	<370	<390	<380	<370	<350	<350	
2,4,5-Trichlorophenol	ug/kg	<370	<390	<380	<370	<350	<350	
2,4,6-Trichlorophenol	ug/kg	<370	<390	<380	<370	<350	<350	
2,4-Dichlorophenol	ug/kg	<370	<390	<380	<370	<350	<350	
2,4-Dinitrophenol	ug/kg	<720	<760	<730 V-	<730 V-	<690	<690	
2-Nitrophenol	ug/kg	<370	<390	<380	<370	<350	<350	
p-Nitrophenol	ug/kg	<720	<760	<730	<730	<690	<690 V-	
Pentachlorophenol	ug/kg	<370	<390	<380	<370	<350	<350	
Butylbenzylphthalate	ug/kg	<370	<390	<380	<370	<350	<350	
Diethyl Phthalate	ug/kg	<370	<390	<380	<370	<350	<350	
Dimethyl Phthalate	ug/kg	<370	<390	<380	<370	<350	<350	
Di-n-octyl phthalate	ug/kg	<740	<770	<740	<740	<700	<700	
Pyrene	ug/kg	1600	250	610	810	<180	<180	
Pyridine	ug/kg	<370	<390	<380	<370	<350	<350	
bis(2-Ethylhexyl)phthalate	ug/kg	<370	<390	<380	<370	<350	<350	
1,2-Dichloropropane	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
Acenaphthene	ug/kg	<190	<200	<190	<190	<180	<180	
Acetone	ug/kg	<82	<100	<79 L-	<67 L-	<60 L-	<66 L-	
Acrylonitrile	ug/kg	<4.9	<6.1	<4.7	<4.0	<3.6	<3.9	

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-316A	SB-316A	SB-317	SB-317	SB-318	SB-318	SB-322
	Sample ID	1287363	1287364	1287403	1287404	1287330	1287331	1287335
	Sample Date	08/27/2013	08/27/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	14:10	14:20	11:55	12:00	13:10	13:15	14:05
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-22	13H1034-23	13H1103-07	13H1103-08	13H1103-11	13H1103-12	13H1103-16
Constituent	Units							
Anthracene	ug/kg	<190	<200	<190	<190	<180	<180	
Benzene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
1,2,3-Trichlorobenzene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3 MS	
1,2,4-Trichlorobenzene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3 MS	
1,2,4-Trichlorobenzene	ug/kg	<370	<390	<380	<370	<350	<350	
1,2,4-Trimethylbenzene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
1,2-Dichlorobenzene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
1,3,5-Trimethylbenzene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
1,3-Dichlorobenzene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
1,4-Dichlorobenzene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
Bromobenzene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
Chlorobenzene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
Ethylbenzene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
Isopropylbenzene (Cumene)	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
Nitrobenzene	ug/kg	<370	<390	<380	<370	<350	<350	
Pentachloronitrobenzene	ug/kg	<370	<390	<380 V-	<370 V-	<350 V-	<350 V-	
n-Propylbenzene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
sec-Butylbenzene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
tert-Butylbenzene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
Hexachlorobutadiene	ug/kg	<1.6	<2	<3.1	<2.7	<2.4	<2.6	
Hexachlorobutadiene	ug/kg	<370	<390	<380	<370	<350	<350	
2-Butanone (MEK)	ug/kg	<33	<41	<31	<27	<24	<26	
trans-1,4-Dichlorobutene	ug/kg	<3.3	<4.1	<3.1	<2.7	<2.4	<2.6	
Carbon Disulfide	ug/kg	<4.9	<6.1	<4.7	<4.0	<3.6	<3.9	
Carbon Tetrachloride	ug/kg	<1.6	<2	<3.1	<2.7	<2.4	<2.6	
Isophorone	ug/kg	<370	<390	<380	<370	<350	<350	
4-Isopropyltoluene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
Dibenzofuran	ug/kg	<370	<390	<380	<370	<350	<350	

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-316A	SB-316A	SB-317	SB-317	SB-318	SB-318	SB-322
	Sample ID	1287363	1287364	1287403	1287404	1287330	1287331	1287335
	Sample Date	08/27/2013	08/27/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	14:10	14:20	11:55	12:00	13:10	13:15	14:05
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-22	13H1034-23	13H1103-07	13H1103-08	13H1103-11	13H1103-12	13H1103-16
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<16	<20	<16 L-	<13 L-	<12 L-	<13 L-	
1,1,1,2-Tetrachloroethane	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
1,1,1-Trichloroethane	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
1,1,2,2-Tetrachloroethane	ug/kg	<0.82	<1	<0.79	<0.67	<0.60	<0.66	
1,1,2-Trichloroethane	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<8.2	<10	<7.9	<6.7	<6.0	<6.6	
1,1-Dichloroethane	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
Ethylene Dibromide	ug/kg	<0.82	<1	<1.6	<1.3	<1.2	<1.3	
1,2-Dichloroethane	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
Chloroethane	ug/kg	<16	<20	<16	<13	<12	<13	
Methyl tert-Butyl ether	ug/kg	<3.3	<4.1	<3.1	<2.7	<2.4	<2.6	
1,1-Dichloroethylene	ug/kg	<3.3	<4.1	<3.1	<2.7	<2.4	<2.6	
trans-1,2-Dichloroethylene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
Vinyl Chloride	ug/kg	<8.2	<10	<7.9	<6.7	<6.0	<6.6 MS	
Tetrachloroethylene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
Tetrahydrofuran	ug/kg	<8.2	<10	<7.9	<6.7	<6.0	<6.6	
Hexanone, 2-	ug/kg	<16	<20	<16	<13	<12	<13 MS	
Bromomethane	ug/kg	<8.2	<10	<7.9	<6.7	<6.0	<6.6 L-	
Bromodichloromethane	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
Chloromethane	ug/kg	<8.2	<10	<7.9	<6.7	<6.0	<6.6 L-	
Dibromochloromethane	ug/kg	<0.82	<1	<0.79	<0.67	<0.60	<0.66	
Methylene Dibromide	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
Methylene Chloride	ug/kg	<16	<20	<16 L-	<13 L-	<12 L-	<13 L-	
Bromoform	ug/kg	<3.3	<4.1	<1.6	<1.3	<1.2	<1.3	
Chloroform	ug/kg	<3.3	<4.1	<3.1	<2.7	<2.4	<2.6	
Trichlorofluoromethane	ug/kg	<8.2	<10	<7.9	<6.7	<6.0	<6.6	
2-Methylnaphthalene	ug/kg	<190	<200	<190	<190	<180	<180	
Methyl Isobutyl ketone	ug/kg	<16	<20	<16	<13	<12	<13 MS	

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

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	Location ID	SB-316A	SB-316A	SB-317	SB-317	SB-318	SB-318	SB-322
	Sample ID	1287363	1287364	1287403	1287404	1287330	1287331	1287335
	Sample Date	08/27/2013	08/27/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	14:10	14:20	11:55	12:00	13:10	13:15	14:05
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-22	13H1034-23	13H1103-07	13H1103-08	13H1103-11	13H1103-12	13H1103-16
Constituent	Units							
2-Chlorophenol	ug/kg	<370	<390	<380	<370	<350	<350	
1,2,3-Trichloropropane	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
1,2-Dibromo-3-Chloropropane	ug/kg	<1.6	<2	<3.1	<2.7	<2.4	<2.6	
1,3-Dichloropropane	ug/kg	<0.82	<1	<0.79	<0.67	<0.60	<0.66	
sec-Dichloropropane	ug/kg	<8.2	<10	<1.6	<1.3	<1.2	<1.3	
1,1-Dichloropropene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
trans-1,3-Dichloropropene	ug/kg	<0.82	<1	<7.9	<6.7	<6.0	<6.6	
cis-1,3-Dichloropropene	ug/kg	<0.82	<1	<3.1	<2.7	<2.4	<2.6	
Styrene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
Toluene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
2,4-Dinitrotoluene	ug/kg	<370	<390	<380 V-	<370 V-	<350	<350	
2,6-Dinitrotoluene	ug/kg	<370	<390	<380	<370	<350	<350	
2-Chlorotoluene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
4-Chlorotoluene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
Trichloroethylene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
o-Xylene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
Xylenes,m- & p-	ug/kg	<3.3	<4.1	<3.1	<2.7	<2.4	<2.6	
2,4-Dimethylphenol	ug/kg	<370	<390	<380	<370	<350	<350	
cis-1,2-Dichloroethylene	ug/kg	<1.6	<2	<1.6	<1.3	<1.2	<1.3	
n-Butylbenzene	ug/kg	<1.6	<2	<3.1	<2.7	<2.4	<2.6	
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-322	SB-324	SB-324	SB-325	SB-325	SB-326	SB-326
	Sample ID	1287336	1287374	1287375	1287400	1287401	1287366	1287367
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/27/2013	08/27/2013
	Sample Time	14:10	11:00	11:05	11:20	11:25	14:35	14:45
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-17	13H1103-01	13H1103-02	13H1103-04	13H1103-05	13H1034-25	13H1034-26
Constituent	Units							
Date PCBs Analyzed	-		08/30/2013	08/30/2013	08/30/2013	08/30/2013		
Date Metals Analyzed	-						08/29/2013	08/29/2013
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	09/03/2013	09/03/2013	09/03/2013	09/03/2013	09/03/2013		
Date Semivolatile Organics Analyzed	-		09/04/2013	09/04/2013	09/04/2013	09/04/2013	08/30/2013	09/03/2013
Alachlor	ug/kg							
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg						<2.8	<2.9
Barium	mg/kg						68	20
Cadmium	mg/kg						0.38	<0.29
Chromium, Total	mg/kg						9.1	7.2
Copper	mg/kg						17	6.4
Lead	mg/kg						190	13
Mercury	mg/kg						0.3	<0.029
Nickel	mg/kg						4.3	4.1
Selenium	mg/kg						<5.6	<5.7
Silver	mg/kg						<0.56	<0.57
Zinc	mg/kg						67	53
Arochlor 1016	ug/kg		<120	<120	<110	<120		
Arochlor 1221	ug/kg		<120	<120	<110	<120		
Arochlor 1232	ug/kg		<120	<120	<110	<120		
Arochlor 1242	ug/kg		<120	<120	<110	<120		
Arochlor 1248	ug/kg		<120	<120	<110	<120		

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-322	SB-324	SB-324	SB-325	SB-325	SB-326	SB-326
	Sample ID	1287336	1287374	1287375	1287400	1287401	1287366	1287367
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/27/2013	08/27/2013
	Sample Time	14:10	11:00	11:05	11:20	11:25	14:35	14:45
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-17	13H1103-01	13H1103-02	13H1103-04	13H1103-05	13H1034-25	13H1034-26
Constituent	Units							
Arochlor 1254	ug/kg		<120	<120	<110	<120		
Arochlor 1260	ug/kg		<120	<120	<110	<120		
Arochlor 1262	ug/kg		<120	<120	<110	<120		
Arochlor 1268	ug/kg		<120	<120	<110	<120		
Aldrin	ug/kg							
Hexachlorobenzene	ug/kg		<400	<420	<390	<420	<390	<390
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg		<400	<420	<390	<420	<390	<390
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-322	SB-324	SB-324	SB-325	SB-325	SB-326	SB-326
	Sample ID	1287336	1287374	1287375	1287400	1287401	1287366	1287367
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/27/2013	08/27/2013
	Sample Time	14:10	11:00	11:05	11:20	11:25	14:35	14:45
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-17	13H1103-01	13H1103-02	13H1103-04	13H1103-05	13H1034-25	13H1034-26
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	14	14	13	13	17		
3,3'-Dichlorobenzidine	ug/kg		<200	<210	<190	<210	<190	<200
Acenaphthylene	ug/kg		<200	<210	<190	<210	<190	<200
Aniline	ug/kg		<400	<420	<390	<420	<390	<390
3-Nitroaniline	ug/kg		<400	<420	<390	<420	<390	<390
2-Nitroaniline	ug/kg		<400	<420	<390	<420	<390	<390
4-Chloroaniline	ug/kg		R	R	R	R	<750	<760
4-Nitroaniline	ug/kg		<400	<420	<390	<420	<390	<390
1,2,4,5-Tetrachlorobenzene	ug/kg		<400	<420	<390	<420	<390	<390
Benzo[a]anthracene	ug/kg		<200	<210	<190	<210	<190	<200
Benzo[b]fluoranthene	ug/kg		<200	<210	<190	<210	<190	<200
Benzo(a)pyrene	ug/kg		<200	<210	<190	<210	<190	<200
Benzo(g,h,i)perylene	ug/kg		<200	<210	<190	<210	<190	<200
Benzo(k)fluoranthene	ug/kg		<200	<210	<190	<210	<190	<200
Carbazole	ug/kg		<200	<210	<190	<210	<190	<200
Chrysene	ug/kg		<200	<210	<190	<210	<190	<200
2-Methyl-4,6-Dinitrophenol	ug/kg		<400	<420	<390	<420	<390	<390
3-Methyl-4-Chlorophenol	ug/kg		<780	<810	<750	<810	<750	<760
m- & p- Cresol	ug/kg		<400	<420	<390	<420	<390	<390
2-Methylphenol	ug/kg		<400	<420	<390	<420	<390	<390
Di-n-butyl phthalate	ug/kg		<400	<420	<390	<420	<390	<390
Dibenz(a,h)anthracene	ug/kg		<200	<210	<190	<210	<190	<200
n-Nitrosodiphenylamine	ug/kg		<400	<420	<390	<420	<390	<390
Nitrosodi-n-Propylamine	ug/kg		<400	<420	<390	<420	<390	<390
Hexachloroethane	ug/kg		<400	<420	<390	<420	<390	<390
4-Bromophenyl-phenylether	ug/kg		<400	<420	<390	<420	<390	<390
4-Chlorophenylphenyl ether	ug/kg		<400	<420	<390	<420	<390	<390
bis(2-Chloroisopropyl)ether	ug/kg		<400	<420	<390	<420	<390	<390

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-322	SB-324	SB-324	SB-325	SB-325	SB-326	SB-326
	Sample ID	1287336	1287374	1287375	1287400	1287401	1287366	1287367
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/27/2013	08/27/2013
	Sample Time	14:10	11:00	11:05	11:20	11:25	14:35	14:45
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-17	13H1103-01	13H1103-02	13H1103-04	13H1103-05	13H1034-25	13H1034-26
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg		<400	<420	<390	<420	<390	<390
Fluoranthene	ug/kg		<200	<210	<190	<210	<190	<200
Fluorene	ug/kg		<200	<210	<190	<210	<190	<200
Indeno(1,2,3-c,d)pyrene	ug/kg		<200	<210	<190	<210	<190	<200
bis(2-Chloroethoxy) Methane	ug/kg		<400	<420	<390	<420	<390	<390
Naphthalene	ug/kg							
Naphthalene	ug/kg		<200	<210	<190	<210	<190	<200
2-Chloronaphthalene	ug/kg		<400	<420	<390	<420	<390	<390
Phenanthrene	ug/kg		<200	<210	<190	<210	<190	<200
Phenol	ug/kg		<400	<420	<390	<420	<390	<390
2,4,5-Trichlorophenol	ug/kg		<400	<420	<390	<420	<390	<390
2,4,6-Trichlorophenol	ug/kg		<400	<420	<390	<420	<390	<390
2,4-Dichlorophenol	ug/kg		<400	<420	<390	<420	<390	<390
2,4-Dinitrophenol	ug/kg		<780	<810	<750	<810	<750	<760
2-Nitrophenol	ug/kg		<400	<420	<390	<420	<390	<390
p-Nitrophenol	ug/kg		<780	<810	<750	<810	<750	<760
Pentachlorophenol	ug/kg		<400	<420	<390	<420	<390	<390
Butylbenzylphthalate	ug/kg		<400	<420	<390	<420	<390	<390
Diethyl Phthalate	ug/kg		<400	<420	<390	<420	<390	<390
Dimethyl Phthalate	ug/kg		<400	<420	<390	<420	<390	<390
Di-n-octyl phthalate	ug/kg		<790	<820	<770	<820	<760	<770
Pyrene	ug/kg		<200	<210	<190	<210	<190	<200
Pyridine	ug/kg		<400	<420	<390	<420	<390	<390
bis(2-Ethylhexyl)phthalate	ug/kg		<400	<420	<390	<420	<390	<390
1,2-Dichloropropane	ug/kg							
Acenaphthene	ug/kg		<200	<210	<190	<210	<190	<200
Acetone	ug/kg							
Acrylonitrile	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-322	SB-324	SB-324	SB-325	SB-325	SB-326	SB-326
	Sample ID	1287336	1287374	1287375	1287400	1287401	1287366	1287367
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/27/2013	08/27/2013
	Sample Time	14:10	11:00	11:05	11:20	11:25	14:35	14:45
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-17	13H1103-01	13H1103-02	13H1103-04	13H1103-05	13H1034-25	13H1034-26
Constituent	Units							
Anthracene	ug/kg		<200	<210	<190	<210	<190	<200
Benzene	ug/kg							
1,2,3-Trichlorobenzene	ug/kg							
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trichlorobenzene	ug/kg		<400	<420	<390	<420	<390	<390
1,2,4-Trimethylbenzene	ug/kg							
1,2-Dichlorobenzene	ug/kg							
1,3,5-Trimethylbenzene	ug/kg							
1,3-Dichlorobenzene	ug/kg							
1,4-Dichlorobenzene	ug/kg							
Bromobenzene	ug/kg							
Chlorobenzene	ug/kg							
Ethylbenzene	ug/kg							
Isopropylbenzene (Cumene)	ug/kg							
Nitrobenzene	ug/kg		<400	<420	<390	<420	<390	<390
Pentachloronitrobenzene	ug/kg		<400 V-	<420 V-	<390 V-	<420 V-	<390	<390
n-Propylbenzene	ug/kg							
sec-Butylbenzene	ug/kg							
tert-Butylbenzene	ug/kg							
Hexachlorobutadiene	ug/kg							
Hexachlorobutadiene	ug/kg		<400	<420	<390	<420	<390	<390
2-Butanone (MEK)	ug/kg							
trans-1,4-Dichlorobutene	ug/kg							
Carbon Disulfide	ug/kg							
Carbon Tetrachloride	ug/kg							
Isophorone	ug/kg		<400	<420	<390	<420	<390	<390
4-Isopropyltoluene	ug/kg							
Dibenzofuran	ug/kg		<400	<420	<390	<420	<390	<390

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-322	SB-324	SB-324	SB-325	SB-325	SB-326	SB-326
	Sample ID	1287336	1287374	1287375	1287400	1287401	1287366	1287367
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/27/2013	08/27/2013
	Sample Time	14:10	11:00	11:05	11:20	11:25	14:35	14:45
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-17	13H1103-01	13H1103-02	13H1103-04	13H1103-05	13H1034-25	13H1034-26
Constituent	Units							
Dichlorodifluoromethane	ug/kg							
1,1,1,2-Tetrachloroethane	ug/kg							
1,1,1-Trichloroethane	ug/kg							
1,1,2,2-Tetrachloroethane	ug/kg							
1,1,2-Trichloroethane	ug/kg							
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg							
1,1-Dichloroethane	ug/kg							
Ethylene Dibromide	ug/kg							
1,2-Dichloroethane	ug/kg							
Chloroethane	ug/kg							
Methyl tert-Butyl ether	ug/kg							
1,1-Dichloroethylene	ug/kg							
trans-1,2-Dichloroethylene	ug/kg							
Vinyl Chloride	ug/kg							
Tetrachloroethylene	ug/kg							
Tetrahydrofuran	ug/kg							
Hexanone, 2-	ug/kg							
Bromomethane	ug/kg							
Bromodichloromethane	ug/kg							
Chloromethane	ug/kg							
Dibromochloromethane	ug/kg							
Methylene Dibromide	ug/kg							
Methylene Chloride	ug/kg							
Bromoform	ug/kg							
Chloroform	ug/kg							
Trichlorofluoromethane	ug/kg							
2-Methylnaphthalene	ug/kg		<200	<210	<190	<210	<190	<200
Methyl Isobutyl ketone	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-322	SB-324	SB-324	SB-325	SB-325	SB-326	SB-326
	Sample ID	1287336	1287374	1287375	1287400	1287401	1287366	1287367
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/27/2013	08/27/2013
	Sample Time	14:10	11:00	11:05	11:20	11:25	14:35	14:45
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-17	13H1103-01	13H1103-02	13H1103-04	13H1103-05	13H1034-25	13H1034-26
Constituent	Units							
2-Chlorophenol	ug/kg		<400	<420	<390	<420	<390	<390
1,2,3-Trichloropropane	ug/kg							
1,2-Dibromo-3-Chloropropane	ug/kg							
1,3-Dichloropropane	ug/kg							
sec-Dichloropropane	ug/kg							
1,1-Dichloropropene	ug/kg							
trans-1,3-Dichloropropene	ug/kg							
cis-1,3-Dichloropropene	ug/kg							
Styrene	ug/kg							
Toluene	ug/kg							
2,4-Dinitrotoluene	ug/kg		<400	<420	<390	<420	<390	<390
2,6-Dinitrotoluene	ug/kg		<400	<420	<390	<420	<390	<390
2-Chlorotoluene	ug/kg							
4-Chlorotoluene	ug/kg							
Trichloroethylene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
2,4-Dimethylphenol	ug/kg		<400	<420	<390	<420	<390	<390
cis-1,2-Dichloroethylene	ug/kg							
n-Butylbenzene	ug/kg							
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-327	SB-327	SB-328	SB-328	SB-329	SB-329	SB-330
	Sample ID	1287368	1287369	1287370	1287371	1287408	1287409	1287372
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/29/2013	08/29/2013	08/27/2013
	Sample Time	15:00	15:15	15:30	15:35	12:10	12:20	15:45
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 3'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-27	13H1034-28	13H1034-29	13H1034-30	13H1143-11	13H1143-12	13H1034-31
Constituent	Units							
Date PCBs Analyzed	-							
Date Metals Analyzed	-	08/29/2013	08/29/2013	08/30/2013	08/30/2013			
Date Organics Analyzed	-					08/30/2013	08/30/2013	08/29/2013
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-					09/04/2013	09/04/2013	08/30/2013
Date Semivolatile Organics Analyzed	-	09/03/2013	09/03/2013	09/03/2013	09/04/2013			
Alachlor	ug/kg							
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg	<2.7	<3	<2.7	<2.6			
Barium	mg/kg	140	67	48	110			
Cadmium	mg/kg	<0.27	0.4	0.31	0.35			
Chromium, Total	mg/kg	11	10	15	16			
Copper	mg/kg	8.9	17	13	16			
Lead	mg/kg	33	82	11	8.1			
Mercury	mg/kg	0.027	0.11	0.03	<0.026			
Nickel	mg/kg	4.7	6.3	7.7	6.8			
Selenium	mg/kg	<5.3	<6	<5.4	<5.3			
Silver	mg/kg	<0.53	<0.6	<0.54	<0.53			
Zinc	mg/kg	67	110	30	29			
Arochlor 1016	ug/kg							
Arochlor 1221	ug/kg							
Arochlor 1232	ug/kg							
Arochlor 1242	ug/kg							
Arochlor 1248	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-327	SB-327	SB-328	SB-328	SB-329	SB-329	SB-330
	Sample ID	1287368	1287369	1287370	1287371	1287408	1287409	1287372
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/29/2013	08/29/2013	08/27/2013
	Sample Time	15:00	15:15	15:30	15:35	12:10	12:20	15:45
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 3'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-27	13H1034-28	13H1034-29	13H1034-30	13H1143-11	13H1143-12	13H1034-31
Constituent	Units							
Arochlor 1254	ug/kg							
Arochlor 1260	ug/kg							
Arochlor 1262	ug/kg							
Arochlor 1268	ug/kg							
Aldrin	ug/kg							
Hexachlorobenzene	ug/kg	<370	<410	<390	<360			
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg	<370	<410	<390	<360			
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-327	SB-327	SB-328	SB-328	SB-329	SB-329	SB-330
	Sample ID	1287368	1287369	1287370	1287371	1287408	1287409	1287372
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/29/2013	08/29/2013	08/27/2013
	Sample Time	15:00	15:15	15:30	15:35	12:10	12:20	15:45
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 3'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-27	13H1034-28	13H1034-29	13H1034-30	13H1143-11	13H1143-12	13H1034-31
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg					66	35	39
3,3'-Dichlorobenzidine	ug/kg	<190	<200	<190	<180			
Acenaphthylene	ug/kg	<190	<200	<190	<180			
Aniline	ug/kg	<370	<410	<390	<360			
3-Nitroaniline	ug/kg	<370	<410	<390	<360			
2-Nitroaniline	ug/kg	<370	<410	<390	<360			
4-Chloroaniline	ug/kg	<720	<790	<750	<700			
4-Nitroaniline	ug/kg	<370	<410	<390	<360			
1,2,4,5-Tetrachlorobenzene	ug/kg	<370	<410	<390	<360			
Benzo[a]anthracene	ug/kg	<190	<200	<190	<180			
Benzo[b]fluoranthene	ug/kg	<190	<200	<190	<180			
Benzo(a)pyrene	ug/kg	<190	<200	<190	<180			
Benzo(g,h,i)perylene	ug/kg	<190	<200	<190	<180			
Benzo(k)fluoranthene	ug/kg	<190	<200	<190	<180			
Carbazole	ug/kg	<190	<200	<190	<180			
Chrysene	ug/kg	<190	<200	<190	<180			
2-Methyl-4,6-Dinitrophenol	ug/kg	<370	<410	<390	<360			
3-Methyl-4-Chlorophenol	ug/kg	<720	<790	<750	<700			
m- & p- Cresol	ug/kg	<370	<410	<390	<360			
2-Methylphenol	ug/kg	<370	<410	<390	<360			
Di-n-butyl phthalate	ug/kg	<370	<410	<390	<360			
Dibenz(a,h)anthracene	ug/kg	<190	<200	<190	<180			
n-Nitrosodiphenylamine	ug/kg	<370	<410	<390	<360			
Nitrosodi-n-Propylamine	ug/kg	<370	<410	<390	<360			
Hexachloroethane	ug/kg	<370	<410	<390	<360			
4-Bromophenyl-phenylether	ug/kg	<370	<410	<390	<360			
4-Chlorophenylphenyl ether	ug/kg	<370	<410	<390	<360			
bis(2-Chloroisopropyl)ether	ug/kg	<370	<410	<390	<360			

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-327	SB-327	SB-328	SB-328	SB-329	SB-329	SB-330
	Sample ID	1287368	1287369	1287370	1287371	1287408	1287409	1287372
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/29/2013	08/29/2013	08/27/2013
	Sample Time	15:00	15:15	15:30	15:35	12:10	12:20	15:45
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 3'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-27	13H1034-28	13H1034-29	13H1034-30	13H1143-11	13H1143-12	13H1034-31
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg	<370	<410	<390	<360			
Fluoranthene	ug/kg	<190	<200	<190	<180			
Fluorene	ug/kg	<190	<200	<190	<180			
Indeno(1,2,3-c,d)pyrene	ug/kg	<190	<200	<190	<180			
bis(2-Chloroethoxy) Methane	ug/kg	<370	<410	<390	<360			
Naphthalene	ug/kg					<4.0	<3.9	<3.6
Naphthalene	ug/kg	<190	<200	<190	<180			
2-Chloronaphthalene	ug/kg	<370	<410	<390	<360			
Phenanthrene	ug/kg	<190	<200	<190	<180			
Phenol	ug/kg	<370	<410	<390	<360			
2,4,5-Trichlorophenol	ug/kg	<370	<410	<390	<360			
2,4,6-Trichlorophenol	ug/kg	<370	<410	<390	<360			
2,4-Dichlorophenol	ug/kg	<370	<410	<390	<360			
2,4-Dinitrophenol	ug/kg	<720	<790	<750	<700			
2-Nitrophenol	ug/kg	<370	<410	<390	<360			
p-Nitrophenol	ug/kg	<720	<790	<750	<700			
Pentachlorophenol	ug/kg	<370	<410	<390	<360			
Butylbenzylphthalate	ug/kg	<370	<410	<390	<360			
Diethyl Phthalate	ug/kg	<370	<410	<390	<360			
Dimethyl Phthalate	ug/kg	<370	<410	<390	<360			
Di-n-octyl phthalate	ug/kg	<730	<800	<760	<710			
Pyrene	ug/kg	<190	<200	<190	<180			
Pyridine	ug/kg	<370	<410	<390	<360			
bis(2-Ethylhexyl)phthalate	ug/kg	<370	<410	<390	<360			
1,2-Dichloropropane	ug/kg					<2.0	<2.0	<1.8
Acenaphthene	ug/kg	<190	<200	<190	<180			
Acetone	ug/kg					<99 L-	<98 L-	<91
Acrylonitrile	ug/kg					<6.0	<5.9	<5.4

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-327	SB-327	SB-328	SB-328	SB-329	SB-329	SB-330
	Sample ID	1287368	1287369	1287370	1287371	1287408	1287409	1287372
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/29/2013	08/29/2013	08/27/2013
	Sample Time	15:00	15:15	15:30	15:35	12:10	12:20	15:45
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 3'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-27	13H1034-28	13H1034-29	13H1034-30	13H1143-11	13H1143-12	13H1034-31
Constituent	Units							
Anthracene	ug/kg	<190	<200	<190	<180			
Benzene	ug/kg					<2.0	<2.0	<1.8
1,2,3-Trichlorobenzene	ug/kg					<2.0	<2.0	<1.8
1,2,4-Trichlorobenzene	ug/kg					<2.0	<2.0	<1.8
1,2,4-Trichlorobenzene	ug/kg	<370	<410	<390	<360			
1,2,4-Trimethylbenzene	ug/kg					<2.0	<2.0	<1.8
1,2-Dichlorobenzene	ug/kg					<2.0	<2.0	<1.8
1,3,5-Trimethylbenzene	ug/kg					<2.0	<2.0	<1.8
1,3-Dichlorobenzene	ug/kg					<2.0	<2.0	<1.8
1,4-Dichlorobenzene	ug/kg					<2.0	<2.0	<1.8
Bromobenzene	ug/kg					<2.0	<2.0	<1.8
Chlorobenzene	ug/kg					<2.0	<2.0	<1.8
Ethylbenzene	ug/kg					<2.0	<2.0	<1.8
Isopropylbenzene (Cumene)	ug/kg					<2.0	<2.0	<1.8
Nitrobenzene	ug/kg	<370	<410	<390	<360			
Pentachloronitrobenzene	ug/kg	<370	<410	<390	<360			
n-Propylbenzene	ug/kg					<2.0	<2.0	<1.8
sec-Butylbenzene	ug/kg					<2.0	<2.0	<1.8
tert-Butylbenzene	ug/kg					<2.0	<2.0	<1.8
Hexachlorobutadiene	ug/kg					<4.0	<3.9	<1.8
Hexachlorobutadiene	ug/kg	<370	<410	<390	<360			
2-Butanone (MEK)	ug/kg					<40	<39	<36
trans-1,4-Dichlorobutene	ug/kg					<4.0	<3.9	<3.6
Carbon Disulfide	ug/kg					<6.0	<5.9	<5.4
Carbon Tetrachloride	ug/kg					<4.0	<3.9	<1.8
Isophorone	ug/kg	<370	<410	<390	<360			
4-Isopropyltoluene	ug/kg					<2.0	<2.0	<1.8
Dibenzofuran	ug/kg	<370	<410	<390	<360			

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-327	SB-327	SB-328	SB-328	SB-329	SB-329	SB-330
	Sample ID	1287368	1287369	1287370	1287371	1287408	1287409	1287372
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/29/2013	08/29/2013	08/27/2013
	Sample Time	15:00	15:15	15:30	15:35	12:10	12:20	15:45
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 3'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-27	13H1034-28	13H1034-29	13H1034-30	13H1143-11	13H1143-12	13H1034-31
Constituent	Units							
Dichlorodifluoromethane	ug/kg					<20 L-	<20 L-	<18
1,1,1,2-Tetrachloroethane	ug/kg					<2.0	<2.0	<1.8
1,1,1-Trichloroethane	ug/kg					<2.0	<2.0	<1.8
1,1,2,2-Tetrachloroethane	ug/kg					<0.99	<0.98	<0.91
1,1,2-Trichloroethane	ug/kg					<2.0	<2.0	<1.8
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg					<9.9	<9.8	<9.1
1,1-Dichloroethane	ug/kg					<2.0	<2.0	<1.8
Ethylene Dibromide	ug/kg					<2.0	<2.0	<0.91
1,2-Dichloroethane	ug/kg					<2.0	<2.0	<1.8
Chloroethane	ug/kg					<20	<20	<18
Methyl tert-Butyl ether	ug/kg					<4.0	<3.9	<3.6
1,1-Dichloroethylene	ug/kg					<4.0	<3.9	<3.6
trans-1,2-Dichloroethylene	ug/kg					<2.0	<2.0	<1.8
Vinyl Chloride	ug/kg					<9.9	<9.8	<9.1
Tetrachloroethylene	ug/kg					<2.0	<2.0	<1.8
Tetrahydrofuran	ug/kg					<9.9	<9.8	<9.1
Hexanone, 2-	ug/kg					<20	<20	<18
Bromomethane	ug/kg					<9.9 L-	<9.8 L-	<9.1
Bromodichloromethane	ug/kg					<2.0	<2.0	<1.8
Chloromethane	ug/kg					<9.9 L-	<9.8 L-	<9.1
Dibromochloromethane	ug/kg					<0.99	<0.98	<0.91
Methylene Dibromide	ug/kg					<2.0	<2.0	<1.8
Methylene Chloride	ug/kg					<20 L-	<20 L-	<18
Bromoform	ug/kg					<2.0	<2.0	<3.6
Chloroform	ug/kg					<4.0	<3.9	<3.6
Trichlorofluoromethane	ug/kg					<9.9	<9.8	<9.1
2-Methylnaphthalene	ug/kg	<190	<200	<190	<180			
Methyl Isobutyl ketone	ug/kg					<20	<20	<18

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-327	SB-327	SB-328	SB-328	SB-329	SB-329	SB-330
	Sample ID	1287368	1287369	1287370	1287371	1287408	1287409	1287372
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/29/2013	08/29/2013	08/27/2013
	Sample Time	15:00	15:15	15:30	15:35	12:10	12:20	15:45
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 3'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-27	13H1034-28	13H1034-29	13H1034-30	13H1143-11	13H1143-12	13H1034-31
Constituent	Units							
2-Chlorophenol	ug/kg	<370	<410	<390	<360			
1,2,3-Trichloropropane	ug/kg					<2.0	<2.0	<1.8
1,2-Dibromo-3-Chloropropane	ug/kg					<4.0	<3.9	<1.8
1,3-Dichloropropane	ug/kg					<0.99	<0.98	<0.91
sec-Dichloropropane	ug/kg					<2.0	<2.0	<9.1
1,1-Dichloropropene	ug/kg					<2.0	<2.0	<1.8
trans-1,3-Dichloropropene	ug/kg					<9.9	<9.8	<0.91
cis-1,3-Dichloropropene	ug/kg					<4.0	<3.9	<0.91
Styrene	ug/kg					<2.0	<2.0	<1.8
Toluene	ug/kg					<2.0	<2.0	<1.8
2,4-Dinitrotoluene	ug/kg	<370	<410	<390	<360			
2,6-Dinitrotoluene	ug/kg	<370	<410	<390	<360			
2-Chlorotoluene	ug/kg					<2.0	<2.0	<1.8
4-Chlorotoluene	ug/kg					<2.0	<2.0	<1.8
Trichloroethylene	ug/kg					<2.0	<2.0	<1.8
o-Xylene	ug/kg					<2.0	<2.0	<1.8
Xylenes,m- & p-	ug/kg					<4.0	<3.9	<3.6
2,4-Dimethylphenol	ug/kg	<370	<410	<390	<360			
cis-1,2-Dichloroethylene	ug/kg					<2.0	<2.0	<1.8
n-Butylbenzene	ug/kg					<4.0	<3.9	<1.8
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-330	SB-331	SB-331	SB-332	SB-332	SB-333	SB-333
	Sample ID	1287373	1287410	1287411	1287338	1287339	1287447	1287448
	Sample Date	08/27/2013	08/29/2013	08/29/2013	08/28/2013	08/28/2013	08/30/2013	08/30/2013
	Sample Time	15:50	12:30	12:40	14:35	14:40	10:25	10:30
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-32	13H1143-04	13H1143-05	13H1103-19	13H1103-20	13H1191-13	13H1191-12
Constituent	Units							
Date PCBs Analyzed	-				08/30/2013	08/30/2013	09/05/2013	09/05/2013
Date Metals Analyzed	-							
Date Organics Analyzed	-	08/29/2013	08/30/2013	08/30/2013				
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	08/30/2013	09/04/2013	09/04/2013	09/03/2013	09/03/2013	09/05/2013	09/05/2013
Date Semivolatile Organics Analyzed	-				09/04/2013	09/04/2013	09/06/2013	09/06/2013
Alachlor	ug/kg							
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium, Total	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Selenium	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
Arochlor 1016	ug/kg				<110	<100	<110	<110
Arochlor 1221	ug/kg				<110	<100	<110	<110
Arochlor 1232	ug/kg				<110	<100	<110	<110
Arochlor 1242	ug/kg				<110	<100	<110	<110
Arochlor 1248	ug/kg				<110	<100	<110	<110

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-330	SB-331	SB-331	SB-332	SB-332	SB-333	SB-333
	Sample ID	1287373	1287410	1287411	1287338	1287339	1287447	1287448
	Sample Date	08/27/2013	08/29/2013	08/29/2013	08/28/2013	08/28/2013	08/30/2013	08/30/2013
	Sample Time	15:50	12:30	12:40	14:35	14:40	10:25	10:30
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-32	13H1143-04	13H1143-05	13H1103-19	13H1103-20	13H1191-13	13H1191-12
Constituent	Units							
Arochlor 1254	ug/kg				<110	<100	<110	<110
Arochlor 1260	ug/kg				<110	<100	<110	<110
Arochlor 1262	ug/kg				<110	<100	<110	<110
Arochlor 1268	ug/kg				<110	<100	<110	<110
Aldrin	ug/kg							
Hexachlorobenzene	ug/kg				<360	<360	<370	<380
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg				<360	<360	<370	<380
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-330	SB-331	SB-331	SB-332	SB-332	SB-333	SB-333
	Sample ID	1287373	1287410	1287411	1287338	1287339	1287447	1287448
	Sample Date	08/27/2013	08/29/2013	08/29/2013	08/28/2013	08/28/2013	08/30/2013	08/30/2013
	Sample Time	15:50	12:30	12:40	14:35	14:40	10:25	10:30
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-32	13H1143-04	13H1143-05	13H1103-19	13H1103-20	13H1191-13	13H1191-12
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	25	190 MS	45	11	<11	180	300
3,3'-Dichlorobenzidine	ug/kg				<180	<180	<190	<190
Acenaphthylene	ug/kg				<180	<180	200	610
Aniline	ug/kg				<360	<360	<370	<380
3-Nitroaniline	ug/kg				<360	<360	<370	<380
2-Nitroaniline	ug/kg				<360	<360	<370	<380
4-Chloroaniline	ug/kg				R	R	<730	<740
4-Nitroaniline	ug/kg				<360	<360	<370	<380
1,2,4,5-Tetrachlorobenzene	ug/kg				<360	<360	<370	<380
Benzo[a]anthracene	ug/kg				<180	<180	1600	5600
Benzo[b]fluoranthene	ug/kg				<180	<180	2100	6500
Benzo(a)pyrene	ug/kg				<180	<180	1600	4700
Benzo(g,h,i)perylene	ug/kg				<180	<180	670	1400
Benzo(k)fluoranthene	ug/kg				<180	<180	820	2400
Carbazole	ug/kg				<180	<180	<190	340
Chrysene	ug/kg				<180	<180	1700	5800
2-Methyl-4,6-Dinitrophenol	ug/kg				<360	<360	<370	<380
3-Methyl-4-Chlorophenol	ug/kg				<710	<710	<730	<740
m- & p- Cresol	ug/kg				<360	<360	<370	<380
2-Methylphenol	ug/kg				<360	<360	<370	<380
Di-n-butyl phthalate	ug/kg				<360	<360	<370	<380
Dibenz(a,h)anthracene	ug/kg				<180	<180	220	510
n-Nitrosodiphenylamine	ug/kg				<360	<360	<370	<380
Nitrosodi-n-Propylamine	ug/kg				<360	<360	<370	<380
Hexachloroethane	ug/kg				<360	<360	<370	<380
4-Bromophenyl-phenylether	ug/kg				<360	<360	<370	<380
4-Chlorophenylphenyl ether	ug/kg				<360	<360	<370	<380
bis(2-Chloroisopropyl)ether	ug/kg				<360	<360	<370	<380

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-330	SB-331	SB-331	SB-332	SB-332	SB-333	SB-333
	Sample ID	1287373	1287410	1287411	1287338	1287339	1287447	1287448
	Sample Date	08/27/2013	08/29/2013	08/29/2013	08/28/2013	08/28/2013	08/30/2013	08/30/2013
	Sample Time	15:50	12:30	12:40	14:35	14:40	10:25	10:30
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-32	13H1143-04	13H1143-05	13H1103-19	13H1103-20	13H1191-13	13H1191-12
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg				<360	<360	<370	<380
Fluoranthene	ug/kg				<180	<180	2100	10000
Fluorene	ug/kg				<180	<180	<190	1100
Indeno(1,2,3-c,d)pyrene	ug/kg				<180	<180	770	1700
bis(2-Chloroethoxy) Methane	ug/kg				<360	<360	<370	<380
Naphthalene	ug/kg	<2.9	9.9	<3.9				
Naphthalene	ug/kg				<180	<180	<190	300
2-Chloronaphthalene	ug/kg				<360	<360	<370	<380
Phenanthrene	ug/kg				<180	<180	930	7800
Phenol	ug/kg				<360	<360	<370	<380
2,4,5-Trichlorophenol	ug/kg				<360	<360	<370	<380
2,4,6-Trichlorophenol	ug/kg				<360	<360	<370	<380
2,4-Dichlorophenol	ug/kg				<360	<360	<370	<380
2,4-Dinitrophenol	ug/kg				<710	<710	<730	<740
2-Nitrophenol	ug/kg				<360	<360	<370	<380
p-Nitrophenol	ug/kg				<710	<710	<730	<740
Pentachlorophenol	ug/kg				<360	<360	<370	<380
Butylbenzylphthalate	ug/kg				<360	<360	<370	<380
Diethyl Phthalate	ug/kg				<360	<360	<370	<380
Dimethyl Phthalate	ug/kg				<360	<360	<370	<380
Di-n-octyl phthalate	ug/kg				<720	<720	<740	<750
Pyrene	ug/kg				<180	<180	2400	11000
Pyridine	ug/kg				<360	<360	<370	<380
bis(2-Ethylhexyl)phthalate	ug/kg				<360	<360	<370	<380
1,2-Dichloropropane	ug/kg	<1.5	<2.2	<2.0				
Acenaphthene	ug/kg				<180	<180	<190	390
Acetone	ug/kg	<73	<110 L-	<98 L-				
Acrylonitrile	ug/kg	<4.4	<6.6	<5.9				

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-330	SB-331	SB-331	SB-332	SB-332	SB-333	SB-333
	Sample ID	1287373	1287410	1287411	1287338	1287339	1287447	1287448
	Sample Date	08/27/2013	08/29/2013	08/29/2013	08/28/2013	08/28/2013	08/30/2013	08/30/2013
	Sample Time	15:50	12:30	12:40	14:35	14:40	10:25	10:30
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-32	13H1143-04	13H1143-05	13H1103-19	13H1103-20	13H1191-13	13H1191-12
Constituent	Units							
Anthracene	ug/kg				<180	<180	<190	1600
Benzene	ug/kg	<1.5	<2.2	<2.0				
1,2,3-Trichlorobenzene	ug/kg	<1.5	<2.2	<2.0				
1,2,4-Trichlorobenzene	ug/kg	<1.5	<2.2	<2.0				
1,2,4-Trichlorobenzene	ug/kg				<360	<360	<370	<380
1,2,4-Trimethylbenzene	ug/kg	<1.5	<2.2	<2.0				
1,2-Dichlorobenzene	ug/kg	<1.5	<2.2	<2.0				
1,3,5-Trimethylbenzene	ug/kg	<1.5	<2.2	<2.0				
1,3-Dichlorobenzene	ug/kg	<1.5	<2.2	<2.0				
1,4-Dichlorobenzene	ug/kg	<1.5	<2.2	<2.0				
Bromobenzene	ug/kg	<1.5	<2.2	<2.0				
Chlorobenzene	ug/kg	<1.5	<2.2	<2.0				
Ethylbenzene	ug/kg	<1.5	<2.2	<2.0				
Isopropylbenzene (Cumene)	ug/kg	<1.5	<2.2	<2.0				
Nitrobenzene	ug/kg				<360	<360	<370	<380
Pentachloronitrobenzene	ug/kg				<360 V-	<360 V-	<370	<380
n-Propylbenzene	ug/kg	<1.5	<2.2	<2.0				
sec-Butylbenzene	ug/kg	<1.5	<2.2	<2.0				
tert-Butylbenzene	ug/kg	<1.5	<2.2	<2.0				
Hexachlorobutadiene	ug/kg	<1.5	<4.4	<3.9				
Hexachlorobutadiene	ug/kg				<360	<360	<370	<380
2-Butanone (MEK)	ug/kg	<29	<44	<39				
trans-1,4-Dichlorobutene	ug/kg	<2.9	<4.4	<3.9				
Carbon Disulfide	ug/kg	<4.4	<6.6	<5.9				
Carbon Tetrachloride	ug/kg	<1.5	<4.4	<3.9				
Isophorone	ug/kg				<360	<360	<370	<380
4-Isopropyltoluene	ug/kg	<1.5	<2.2	<2.0				
Dibenzofuran	ug/kg				<360	<360	<370	<380

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-330	SB-331	SB-331	SB-332	SB-332	SB-333	SB-333
	Sample ID	1287373	1287410	1287411	1287338	1287339	1287447	1287448
	Sample Date	08/27/2013	08/29/2013	08/29/2013	08/28/2013	08/28/2013	08/30/2013	08/30/2013
	Sample Time	15:50	12:30	12:40	14:35	14:40	10:25	10:30
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-32	13H1143-04	13H1143-05	13H1103-19	13H1103-20	13H1191-13	13H1191-12
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<15	<22 L-	<20 L-				
1,1,1,2-Tetrachloroethane	ug/kg	<1.5	<2.2	<2.0				
1,1,1-Trichloroethane	ug/kg	<1.5	<2.2	<2.0				
1,1,2,2-Tetrachloroethane	ug/kg	<0.73	<1.1	<0.98				
1,1,2-Trichloroethane	ug/kg	<1.5	<2.2	<2.0				
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<7.3	<11	<9.8				
1,1-Dichloroethane	ug/kg	<1.5	<2.2	<2.0				
Ethylene Dibromide	ug/kg	<0.73	<2.2	<2.0				
1,2-Dichloroethane	ug/kg	<1.5	<2.2	<2.0				
Chloroethane	ug/kg	<15	<22	<20				
Methyl tert-Butyl ether	ug/kg	<2.9	<4.4	<3.9				
1,1-Dichloroethylene	ug/kg	<2.9	<4.4	<3.9				
trans-1,2-Dichloroethylene	ug/kg	<1.5	<2.2	<2.0				
Vinyl Chloride	ug/kg	<7.3	<11	<9.8				
Tetrachloroethylene	ug/kg	<1.5	<2.2	<2.0				
Tetrahydrofuran	ug/kg	<7.3	<11	<9.8				
Hexanone, 2-	ug/kg	<15	<22	<20				
Bromomethane	ug/kg	<7.3	<11 L-	<9.8 L-				
Bromodichloromethane	ug/kg	<1.5	<2.2	<2.0				
Chloromethane	ug/kg	<7.3	<11 L-	<9.8 L-				
Dibromochloromethane	ug/kg	<0.73	<1.1	<0.98				
Methylene Dibromide	ug/kg	<1.5	<2.2	<2.0				
Methylene Chloride	ug/kg	<15	<22 L-	<20 V-				
Bromoform	ug/kg	<2.9	<2.2	<2.0				
Chloroform	ug/kg	<2.9	<4.4	<3.9				
Trichlorofluoromethane	ug/kg	<7.3	<11	<9.8				
2-Methylnaphthalene	ug/kg				<180	<180	<190	370
Methyl Isobutyl ketone	ug/kg	<15	<22	<20				

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-330	SB-331	SB-331	SB-332	SB-332	SB-333	SB-333
	Sample ID	1287373	1287410	1287411	1287338	1287339	1287447	1287448
	Sample Date	08/27/2013	08/29/2013	08/29/2013	08/28/2013	08/28/2013	08/30/2013	08/30/2013
	Sample Time	15:50	12:30	12:40	14:35	14:40	10:25	10:30
	Sample Depth	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-32	13H1143-04	13H1143-05	13H1103-19	13H1103-20	13H1191-13	13H1191-12
Constituent	Units							
2-Chlorophenol	ug/kg				<360	<360	<370	<380
1,2,3-Trichloropropane	ug/kg	<1.5	<2.2	<2.0				
1,2-Dibromo-3-Chloropropane	ug/kg	<1.5	<4.4	<3.9				
1,3-Dichloropropane	ug/kg	<0.73	<1.1	<0.98				
sec-Dichloropropane	ug/kg	<7.3	<2.2	<2.0				
1,1-Dichloropropene	ug/kg	<1.5	<2.2	<2.0				
trans-1,3-Dichloropropene	ug/kg	<0.73	<11	<9.8				
cis-1,3-Dichloropropene	ug/kg	<0.73	<4.4	<3.9				
Styrene	ug/kg	<1.5	<2.2	<2.0				
Toluene	ug/kg	<1.5	<2.2	<2.0				
2,4-Dinitrotoluene	ug/kg				<360	<360	<370	<380
2,6-Dinitrotoluene	ug/kg				<360	<360	<370	<380
2-Chlorotoluene	ug/kg	<1.5	<2.2	<2.0				
4-Chlorotoluene	ug/kg	<1.5	<2.2	<2.0				
Trichloroethylene	ug/kg	<1.5	<2.2	<2.0				
o-Xylene	ug/kg	<1.5	<2.2	<2.0				
Xylenes,m- & p-	ug/kg	<2.9	<4.4	<3.9				
2,4-Dimethylphenol	ug/kg				<360	<360	<370	<380
cis-1,2-Dichloroethylene	ug/kg	<1.5	<2.2	<2.0				
n-Butylbenzene	ug/kg	<1.5	<4.4	<3.9				
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-333	SB-333	SB-333	SB-333	SB-339	SB-339	SB-339
	Sample ID	1287448	1287449	1287450	1287450	1287451	1287455	1287452
	Sample Date	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
	Sample Time	10:30	10:35	10:40	10:40	12:20	12:20	12:25
	Sample Depth	2' - 4'	4' - 6'	6' - 8'	6' - 8'	0' - 2'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-12RE1	13H1191-11	13H1191-10	13H1191-10RE1	13H1191-09	13H1191-05	13H1191-08
Constituent	Units							
Date PCBs Analyzed	-		09/05/2013	09/05/2013		09/05/2013	09/05/2013	09/05/2013
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-		09/05/2013	09/05/2013		09/05/2013	09/05/2013	09/05/2013
Date Semivolatile Organics Analyzed	-	09/06/2013	09/06/2013	09/06/2013	09/06/2013	09/06/2013	09/06/2013	09/06/2013
Alachlor	ug/kg							
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium, Total	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Selenium	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
Arochlor 1016	ug/kg		<140	<110		<100	<110	<110
Arochlor 1221	ug/kg		<140	<110		<100	<110	<110
Arochlor 1232	ug/kg		<140	<110		<100	<110	<110
Arochlor 1242	ug/kg		<140	<110		<100	<110	<110
Arochlor 1248	ug/kg		<140	<110		<100	<110	<110

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-333	SB-333	SB-333	SB-333	SB-339	SB-339	SB-339
	Sample ID	1287448	1287449	1287450	1287450	1287451	1287455	1287452
	Sample Date	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
	Sample Time	10:30	10:35	10:40	10:40	12:20	12:20	12:25
	Sample Depth	2' - 4'	4' - 6'	6' - 8'	6' - 8'	0' - 2'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-12RE1	13H1191-11	13H1191-10	13H1191-10RE1	13H1191-09	13H1191-05	13H1191-08
Constituent	Units							
Arochlor 1254	ug/kg		<140	<110		<100	<110	<110
Arochlor 1260	ug/kg		<140	<110		<100	<110	<110
Arochlor 1262	ug/kg		<140	<110		<100	<110	<110
Arochlor 1268	ug/kg		<140	<110		<100	<110	<110
Aldrin	ug/kg							
Hexachlorobenzene	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-333	SB-333	SB-333	SB-333	SB-339	SB-339	SB-339
	Sample ID	1287448	1287449	1287450	1287450	1287451	1287455	1287452
	Sample Date	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
	Sample Time	10:30	10:35	10:40	10:40	12:20	12:20	12:25
	Sample Depth	2' - 4'	4' - 6'	6' - 8'	6' - 8'	0' - 2'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-12RE1	13H1191-11	13H1191-10	13H1191-10RE1	13H1191-09	13H1191-05	13H1191-08
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg		21	240		18	25	36
3,3'-Dichlorobenzidine	ug/kg	<950	<240	<190	<1900	<180	<190	<190
Acenaphthylene	ug/kg	<950	<240	1000	<1900	<180	<190	<190
Aniline	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
3-Nitroaniline	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
2-Nitroaniline	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
4-Chloroaniline	ug/kg	<3700	<920	<720	<7200	<700	<730	<740
4-Nitroaniline	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
1,2,4,5-Tetrachlorobenzene	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
Benzo[a]anthracene	ug/kg	5700	<240	4600	4900	<180	<190	<190
Benzo[b]fluoranthene	ug/kg	5500	310	4600	4400	<180	<190	<190
Benzo(a)pyrene	ug/kg	4600	<240	3500	3900	<180	<190	<190
Benzo(g,h,i)perylene	ug/kg	3100	<240	1000	2300	<180	<190	<190
Benzo(k)fluoranthene	ug/kg	2000	<240	1800	<1900	<180	<190	<190
Carbazole	ug/kg	<950	<240	490	<1900	<180	<190	<190
Chrysene	ug/kg	5800	300	5000	5400	<180	<190	<190
2-Methyl-4,6-Dinitrophenol	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
3-Methyl-4-Chlorophenol	ug/kg	<3700	<920	<720	<7200	<700	<730	<740
m- & p- Cresol	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
2-Methylphenol	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
Di-n-butyl phthalate	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
Dibenz(a,h)anthracene	ug/kg	990	<240	350	<1900	<180	<190	<190
n-Nitrosodiphenylamine	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
Nitrosodi-n-Propylamine	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
Hexachloroethane	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
4-Bromophenyl-phenylether	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
4-Chlorophenylphenyl ether	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
bis(2-Chloroisopropyl)ether	ug/kg	<1900	<470	<370	<3700	<360	<380	<380

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-333	SB-333	SB-333	SB-333	SB-339	SB-339	SB-339
	Sample ID	1287448	1287449	1287450	1287450	1287451	1287455	1287452
	Sample Date	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
	Sample Time	10:30	10:35	10:40	10:40	12:20	12:20	12:25
	Sample Depth	2' - 4'	4' - 6'	6' - 8'	6' - 8'	0' - 2'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-12RE1	13H1191-11	13H1191-10	13H1191-10RE1	13H1191-09	13H1191-05	13H1191-08
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
Fluoranthene	ug/kg	12000	390	9100	13000	<180	<190	<190
Fluorene	ug/kg	<950	<240	2600	3100	<180	<190	<190
Indeno(1,2,3-c,d)pyrene	ug/kg	3200	<240	1200	2500	<180	<190	<190
bis(2-Chloroethoxy) Methane	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
Naphthalene	ug/kg							
Naphthalene	ug/kg	<950	<240	310	<1900	<180	<190	<190
2-Chloronaphthalene	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
Phenanthrene	ug/kg	7900	<240	14000	16000	<180	<190	<190
Phenol	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
2,4,5-Trichlorophenol	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
2,4,6-Trichlorophenol	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
2,4-Dichlorophenol	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
2,4-Dinitrophenol	ug/kg	<3700	<920	<720	<7200	<700	<730	<740
2-Nitrophenol	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
p-Nitrophenol	ug/kg	<3700	<920	<720	<7200	<700	<730	<740
Pentachlorophenol	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
Butylbenzylphthalate	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
Diethyl Phthalate	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
Dimethyl Phthalate	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
Di-n-octyl phthalate	ug/kg	<3700	<930	<730	<7300	<710	<750	<750
Pyrene	ug/kg	14000	470	9600	13000	<180	200	<190
Pyridine	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
bis(2-Ethylhexyl)phthalate	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
1,2-Dichloropropane	ug/kg							
Acenaphthene	ug/kg	<950	<240	1000	<1900	<180	<190	<190
Acetone	ug/kg							
Acrylonitrile	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-333	SB-333	SB-333	SB-333	SB-339	SB-339	SB-339
	Sample ID	1287448	1287449	1287450	1287450	1287451	1287455	1287452
	Sample Date	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
	Sample Time	10:30	10:35	10:40	10:40	12:20	12:20	12:25
	Sample Depth	2' - 4'	4' - 6'	6' - 8'	6' - 8'	0' - 2'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-12RE1	13H1191-11	13H1191-10	13H1191-10RE1	13H1191-09	13H1191-05	13H1191-08
Constituent	Units							
Anthracene	ug/kg	1600	<240	2500	2600	<180	<190	<190
Benzene	ug/kg							
1,2,3-Trichlorobenzene	ug/kg							
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trichlorobenzene	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
1,2,4-Trimethylbenzene	ug/kg							
1,2-Dichlorobenzene	ug/kg							
1,3,5-Trimethylbenzene	ug/kg							
1,3-Dichlorobenzene	ug/kg							
1,4-Dichlorobenzene	ug/kg							
Bromobenzene	ug/kg							
Chlorobenzene	ug/kg							
Ethylbenzene	ug/kg							
Isopropylbenzene (Cumene)	ug/kg							
Nitrobenzene	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
Pentachloronitrobenzene	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
n-Propylbenzene	ug/kg							
sec-Butylbenzene	ug/kg							
tert-Butylbenzene	ug/kg							
Hexachlorobutadiene	ug/kg							
Hexachlorobutadiene	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
2-Butanone (MEK)	ug/kg							
trans-1,4-Dichlorobutene	ug/kg							
Carbon Disulfide	ug/kg							
Carbon Tetrachloride	ug/kg							
Isophorone	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
4-Isopropyltoluene	ug/kg							
Dibenzofuran	ug/kg	<1900	<470	750	<3700	<360	<380	<380

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-333	SB-333	SB-333	SB-333	SB-339	SB-339	SB-339
	Sample ID	1287448	1287449	1287450	1287450	1287451	1287455	1287452
	Sample Date	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
	Sample Time	10:30	10:35	10:40	10:40	12:20	12:20	12:25
	Sample Depth	2' - 4'	4' - 6'	6' - 8'	6' - 8'	0' - 2'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-12RE1	13H1191-11	13H1191-10	13H1191-10RE1	13H1191-09	13H1191-05	13H1191-08
Constituent	Units							
Dichlorodifluoromethane	ug/kg							
1,1,1,2-Tetrachloroethane	ug/kg							
1,1,1-Trichloroethane	ug/kg							
1,1,2,2-Tetrachloroethane	ug/kg							
1,1,2-Trichloroethane	ug/kg							
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg							
1,1-Dichloroethane	ug/kg							
Ethylene Dibromide	ug/kg							
1,2-Dichloroethane	ug/kg							
Chloroethane	ug/kg							
Methyl tert-Butyl ether	ug/kg							
1,1-Dichloroethylene	ug/kg							
trans-1,2-Dichloroethylene	ug/kg							
Vinyl Chloride	ug/kg							
Tetrachloroethylene	ug/kg							
Tetrahydrofuran	ug/kg							
Hexanone, 2-	ug/kg							
Bromomethane	ug/kg							
Bromodichloromethane	ug/kg							
Chloromethane	ug/kg							
Dibromochloromethane	ug/kg							
Methylene Dibromide	ug/kg							
Methylene Chloride	ug/kg							
Bromoform	ug/kg							
Chloroform	ug/kg							
Trichlorofluoromethane	ug/kg							
2-Methylnaphthalene	ug/kg	<950	<240	580	<1900	<180	<190	<190
Methyl Isobutyl ketone	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-333	SB-333	SB-333	SB-333	SB-339	SB-339	SB-339
	Sample ID	1287448	1287449	1287450	1287450	1287451	1287455	1287452
	Sample Date	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
	Sample Time	10:30	10:35	10:40	10:40	12:20	12:20	12:25
	Sample Depth	2' - 4'	4' - 6'	6' - 8'	6' - 8'	0' - 2'	0' - 2'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-12RE1	13H1191-11	13H1191-10	13H1191-10RE1	13H1191-09	13H1191-05	13H1191-08
Constituent	Units							
2-Chlorophenol	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
1,2,3-Trichloropropane	ug/kg							
1,2-Dibromo-3-Chloropropane	ug/kg							
1,3-Dichloropropane	ug/kg							
sec-Dichloropropane	ug/kg							
1,1-Dichloropropene	ug/kg							
trans-1,3-Dichloropropene	ug/kg							
cis-1,3-Dichloropropene	ug/kg							
Styrene	ug/kg							
Toluene	ug/kg							
2,4-Dinitrotoluene	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
2,6-Dinitrotoluene	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
2-Chlorotoluene	ug/kg							
4-Chlorotoluene	ug/kg							
Trichloroethylene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
2,4-Dimethylphenol	ug/kg	<1900	<470	<370	<3700	<360	<380	<380
cis-1,2-Dichloroethylene	ug/kg							
n-Butylbenzene	ug/kg							
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-339	SB-339	SB-350	SB-350	SB-351	SB-352	SB-353
	Sample ID	1287453	1287454	1287345	1287398	1287325	1287326	1287327
	Sample Date	08/30/2013	08/30/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013
	Sample Time	12:30	12:35	11:24	11:35	10:10	10:40	11:00
	Sample Depth	4' - 6'	6' - 8'	0' - 2'	2' - 4.03'	0' - 1.5'	0' - 0.66'	0' - 0.66'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-07	13H1191-06	13H1143-09	13H1143-10	13H1143-06	13H1143-07	13H1143-08
Constituent	Units							
Date PCBs Analyzed	-	09/05/2013	09/05/2013					
Date Metals Analyzed	-			08/30/2013	09/03/2013			
Date Organics Analyzed	-			08/30/2013	08/30/2013	08/30/2013		
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	09/05/2013	09/05/2013	09/04/2013	09/04/2013	09/04/2013	09/04/2013	09/04/2013
Date Semivolatile Organics Analyzed	-	09/06/2013	09/06/2013	09/05/2013	09/05/2013	09/05/2013	09/05/2013	09/05/2013
Alachlor	ug/kg							
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg			6.4	<2.8			
Barium	mg/kg			43	24			
Cadmium	mg/kg			<0.28	0.30			
Chromium, Total	mg/kg			12	15			
Copper	mg/kg			11	21			
Lead	mg/kg			11	4.9			
Mercury	mg/kg			0.18	0.17			
Nickel	mg/kg			6.0	5.3			
Selenium	mg/kg			<5.7	<5.6			
Silver	mg/kg			<0.57	<0.56			
Zinc	mg/kg			17	18			
Arochlor 1016	ug/kg	<110	<100					
Arochlor 1221	ug/kg	<110	<100					
Arochlor 1232	ug/kg	<110	<100					
Arochlor 1242	ug/kg	<110	<100					
Arochlor 1248	ug/kg	<110	<100					

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-339	SB-339	SB-350	SB-350	SB-351	SB-352	SB-353
	Sample ID	1287453	1287454	1287345	1287398	1287325	1287326	1287327
	Sample Date	08/30/2013	08/30/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013
	Sample Time	12:30	12:35	11:24	11:35	10:10	10:40	11:00
	Sample Depth	4' - 6'	6' - 8'	0' - 2'	2' - 4.03'	0' - 1.5'	0' - 0.66'	0' - 0.66'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-07	13H1191-06	13H1143-09	13H1143-10	13H1143-06	13H1143-07	13H1143-08
Constituent	Units							
Arochlor 1254	ug/kg	<110	<100					
Arochlor 1260	ug/kg	<110	<100					
Arochlor 1262	ug/kg	<110	<100					
Arochlor 1268	ug/kg	<110	<100					
Aldrin	ug/kg							
Hexachlorobenzene	ug/kg	<370	<350	<390	<390	<370	<380	<390
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg	<370	<350	<390	<390	<370	<380	<390
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-339	SB-339	SB-350	SB-350	SB-351	SB-352	SB-353
	Sample ID	1287453	1287454	1287345	1287398	1287325	1287326	1287327
	Sample Date	08/30/2013	08/30/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013
	Sample Time	12:30	12:35	11:24	11:35	10:10	10:40	11:00
	Sample Depth	4' - 6'	6' - 8'	0' - 2'	2' - 4.03'	0' - 1.5'	0' - 0.66'	0' - 0.66'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-07	13H1191-06	13H1143-09	13H1143-10	13H1143-06	13H1143-07	13H1143-08
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	18	12	22	<12	15	<11	450
3,3'-Dichlorobenzidine	ug/kg	<190	<170	<190	<190	<190	<190	<190
Acenaphthylene	ug/kg	<190	<170	<190	<190	<190	<190	<190
Aniline	ug/kg	<370	<350	<390	<390	<370	<380	<390
3-Nitroaniline	ug/kg	<370	<350	<390	<390	<370	<380	<390
2-Nitroaniline	ug/kg	<370	<350	<390	<390	<370	<380	<390
4-Chloroaniline	ug/kg	<720	<670	<760	<760	<730	<740	<750
4-Nitroaniline	ug/kg	<370	<350	<390	<390	<370	<380	<390
1,2,4,5-Tetrachlorobenzene	ug/kg	<370	<350	<390	<390	<370	<380	<390
Benzo[a]anthracene	ug/kg	<190	<170	<190	<190	<190	<190	200
Benzo[b]fluoranthene	ug/kg	<190	<170	<190	<190	<190	<190	200
Benzo(a)pyrene	ug/kg	<190	<170	<190	<190	<190	<190	<190
Benzo(g,h,i)perylene	ug/kg	<190	<170	<190	<190	<190	<190	<190
Benzo(k)fluoranthene	ug/kg	<190	<170	<190	<190	<190	<190	<190
Carbazole	ug/kg	<190	<170	<190	<190	<190	<190	<190
Chrysene	ug/kg	<190	<170	<190	<190	<190	<190	360
2-Methyl-4,6-Dinitrophenol	ug/kg	<370	<350	<390 V-	<390 V-	<370 V-	<380 V-	<390 V-
3-Methyl-4-Chlorophenol	ug/kg	<720	<670	<760	<760	<730	<740	<750
m- & p- Cresol	ug/kg	<370	<350	<390	<390	<370	<380	<390
2-Methylphenol	ug/kg	<370	<350	<390	<390	<370	<380	<390
Di-n-butyl phthalate	ug/kg	<370	<350	<390	<390	<370	<380	<390
Dibenz(a,h)anthracene	ug/kg	<190	<170	<190	<190	<190	<190	<190
n-Nitrosodiphenylamine	ug/kg	<370	<350	<390	<390	<370	<380	<390
Nitrosodi-n-Propylamine	ug/kg	<370	<350	<390	<390	<370	<380	<390
Hexachloroethane	ug/kg	<370	<350	<390	<390	<370	<380	<390
4-Bromophenyl-phenylether	ug/kg	<370	<350	<390	<390	<370	<380	<390
4-Chlorophenylphenyl ether	ug/kg	<370	<350	<390	<390	<370	<380	<390
bis(2-Chloroisopropyl)ether	ug/kg	<370	<350	<390	<390	<370	<380	<390

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-339	SB-339	SB-350	SB-350	SB-351	SB-352	SB-353
	Sample ID	1287453	1287454	1287345	1287398	1287325	1287326	1287327
	Sample Date	08/30/2013	08/30/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013
	Sample Time	12:30	12:35	11:24	11:35	10:10	10:40	11:00
	Sample Depth	4' - 6'	6' - 8'	0' - 2'	2' - 4.03'	0' - 1.5'	0' - 0.66'	0' - 0.66'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-07	13H1191-06	13H1143-09	13H1143-10	13H1143-06	13H1143-07	13H1143-08
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg	<370	<350	<390	<390	<370	<380	<390
Fluoranthene	ug/kg	<190	<170	<190	<190	<190	<190	250
Fluorene	ug/kg	<190	<170	<190	<190	<190	<190	<190
Indeno(1,2,3-c,d)pyrene	ug/kg	<190	<170	<190	<190	<190	<190	<190
bis(2-Chloroethoxy) Methane	ug/kg	<370	<350	<390	<390	<370	<380	<390
Naphthalene	ug/kg			<2.8	<2.9	<2.5		
Naphthalene	ug/kg	<190	<170	<190	<190	<190	<190	290
2-Chloronaphthalene	ug/kg	<370	<350	<390	<390	<370	<380	<390
Phenanthrene	ug/kg	<190	<170	<190	<190	<190	<190	880
Phenol	ug/kg	<370	<350	<390	<390	<370	<380	<390
2,4,5-Trichlorophenol	ug/kg	<370	<350	<390	<390	<370	<380	<390
2,4,6-Trichlorophenol	ug/kg	<370	<350	<390	<390	<370	<380	<390
2,4-Dichlorophenol	ug/kg	<370	<350	<390	<390	<370	<380	<390
2,4-Dinitrophenol	ug/kg	<720	<670	<760 V-	<760 V-	<730 V-	<740 V-	<750 V-
2-Nitrophenol	ug/kg	<370	<350	<390	<390	<370	<380	<390
p-Nitrophenol	ug/kg	<720	<670	<760	<760	<730	<740	<750
Pentachlorophenol	ug/kg	<370	<350	<390	<390	<370	<380	<390
Butylbenzylphthalate	ug/kg	<370	<350	<390	<390	<370	<380	<390
Diethyl Phthalate	ug/kg	<370	<350	<390	<390	<370	<380	<390
Dimethyl Phthalate	ug/kg	<370	<350	<390	<390	<370	<380	<390
Di-n-octyl phthalate	ug/kg	<730	<680	<770	<770	<740	<750	<760
Pyrene	ug/kg	<190	<170	<190	<190	<190	<190	280
Pyridine	ug/kg	<370	<350	<390	<390	<370	<380	<390
bis(2-Ethylhexyl)phthalate	ug/kg	<370	<350	<390	<390	<370	<380	<390
1,2-Dichloropropane	ug/kg			<1.4	<1.5	<1.2		
Acenaphthene	ug/kg	<190	<170	<190	<190	<190	<190	<190
Acetone	ug/kg			<69 L-	<74 L-	<62 L-		
Acrylonitrile	ug/kg			<4.2	<4.4	<3.7		

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-339	SB-339	SB-350	SB-350	SB-351	SB-352	SB-353
	Sample ID	1287453	1287454	1287345	1287398	1287325	1287326	1287327
	Sample Date	08/30/2013	08/30/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013
	Sample Time	12:30	12:35	11:24	11:35	10:10	10:40	11:00
	Sample Depth	4' - 6'	6' - 8'	0' - 2'	2' - 4.03'	0' - 1.5'	0' - 0.66'	0' - 0.66'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-07	13H1191-06	13H1143-09	13H1143-10	13H1143-06	13H1143-07	13H1143-08
Constituent	Units							
Anthracene	ug/kg	<190	<170	<190	<190	<190	<190	<190
Benzene	ug/kg			<1.4	<1.5	<1.2		
1,2,3-Trichlorobenzene	ug/kg			<1.4	<1.5	<1.2		
1,2,4-Trichlorobenzene	ug/kg			<1.4	<1.5	<1.2		
1,2,4-Trichlorobenzene	ug/kg	<370	<350	<390	<390	<370	<380	<390
1,2,4-Trimethylbenzene	ug/kg			<1.4	<1.5	<1.2		
1,2-Dichlorobenzene	ug/kg			<1.4	<1.5	<1.2		
1,3,5-Trimethylbenzene	ug/kg			<1.4	<1.5	<1.2		
1,3-Dichlorobenzene	ug/kg			<1.4	<1.5	<1.2		
1,4-Dichlorobenzene	ug/kg			<1.4	<1.5	<1.2		
Bromobenzene	ug/kg			<1.4	<1.5	<1.2		
Chlorobenzene	ug/kg			<1.4	<1.5	<1.2		
Ethylbenzene	ug/kg			<1.4	<1.5	<1.2		
Isopropylbenzene (Cumene)	ug/kg			<1.4	<1.5	<1.2		
Nitrobenzene	ug/kg	<370	<350	<390	<390	<370	<380	<390
Pentachloronitrobenzene	ug/kg	<370	<350	<390 V-	<390 V-	<370 V-	<380 V-	<390 V-
n-Propylbenzene	ug/kg			<1.4	<1.5	<1.2		
sec-Butylbenzene	ug/kg			<1.4	<1.5	<1.2		
tert-Butylbenzene	ug/kg			<1.4	<1.5	<1.2		
Hexachlorobutadiene	ug/kg			<2.8	<2.9	<2.5		
Hexachlorobutadiene	ug/kg	<370	<350	<390	<390	<370	<380	<390
2-Butanone (MEK)	ug/kg			<28	<29	<25		
trans-1,4-Dichlorobutene	ug/kg			<2.8	<2.9	<2.5		
Carbon Disulfide	ug/kg			<4.2	<4.4	<3.7		
Carbon Tetrachloride	ug/kg			<2.8	<2.9	<2.5		
Isophorone	ug/kg	<370	<350	<390	<390	<370	<380	<390
4-Isopropyltoluene	ug/kg			<1.4	<1.5	<1.2		
Dibenzofuran	ug/kg	<370	<350	<390	<390	<370	<380	<390

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-339	SB-339	SB-350	SB-350	SB-351	SB-352	SB-353
	Sample ID	1287453	1287454	1287345	1287398	1287325	1287326	1287327
	Sample Date	08/30/2013	08/30/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013
	Sample Time	12:30	12:35	11:24	11:35	10:10	10:40	11:00
	Sample Depth	4' - 6'	6' - 8'	0' - 2'	2' - 4.03'	0' - 1.5'	0' - 0.66'	0' - 0.66'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-07	13H1191-06	13H1143-09	13H1143-10	13H1143-06	13H1143-07	13H1143-08
Constituent	Units							
Dichlorodifluoromethane	ug/kg			<14 L-	<15 L-	<12 L-		
1,1,1,2-Tetrachloroethane	ug/kg			<1.4	<1.5	<1.2		
1,1,1-Trichloroethane	ug/kg			<1.4	<1.5	<1.2		
1,1,2,2-Tetrachloroethane	ug/kg			<0.69	<0.74	<0.62		
1,1,2-Trichloroethane	ug/kg			<1.4	<1.5	<1.2		
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg			<6.9	<7.4	<6.2		
1,1-Dichloroethane	ug/kg			<1.4	<1.5	<1.2		
Ethylene Dibromide	ug/kg			<1.4	<1.5	<1.2		
1,2-Dichloroethane	ug/kg			<1.4	<1.5	<1.2		
Chloroethane	ug/kg			<14	<15	<12		
Methyl tert-Butyl ether	ug/kg			<2.8	<2.9	<2.5		
1,1-Dichloroethylene	ug/kg			<2.8	<2.9	<2.5		
trans-1,2-Dichloroethylene	ug/kg			<1.4	<1.5	<1.2		
Vinyl Chloride	ug/kg			<6.9	<7.4	<6.2		
Tetrachloroethylene	ug/kg			<1.4	<1.5	<1.2		
Tetrahydrofuran	ug/kg			<6.9	<7.4	<6.2		
Hexanone, 2-	ug/kg			<14	<15	<12		
Bromomethane	ug/kg			<6.9 L-	<7.4 L-	<6.2 L-		
Bromodichloromethane	ug/kg			<1.4	<1.5	<1.2		
Chloromethane	ug/kg			<6.9 L-	<7.4 L-	<6.2 L-		
Dibromochloromethane	ug/kg			<0.69	<0.74	<0.62		
Methylene Dibromide	ug/kg			<1.4	<1.5	<1.2		
Methylene Chloride	ug/kg			<14 V-	<15 L-	<12 L-		
Bromoform	ug/kg			<1.4	<1.5	<1.2		
Chloroform	ug/kg			<2.8	<2.9	<2.5		
Trichlorofluoromethane	ug/kg			<6.9	<7.4	<6.2		
2-Methylnaphthalene	ug/kg	<190	<170	<190	<190	<190	<190	750
Methyl Isobutyl ketone	ug/kg			<14	<15	<12		

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Former Mystic Oral School for the Deaf

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	Location ID	SB-339	SB-339	SB-350	SB-350	SB-351	SB-352	SB-353
	Sample ID	1287453	1287454	1287345	1287398	1287325	1287326	1287327
	Sample Date	08/30/2013	08/30/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013	08/29/2013
	Sample Time	12:30	12:35	11:24	11:35	10:10	10:40	11:00
	Sample Depth	4' - 6'	6' - 8'	0' - 2'	2' - 4.03'	0' - 1.5'	0' - 0.66'	0' - 0.66'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-07	13H1191-06	13H1143-09	13H1143-10	13H1143-06	13H1143-07	13H1143-08
Constituent	Units							
2-Chlorophenol	ug/kg	<370	<350	<390	<390	<370	<380	<390
1,2,3-Trichloropropane	ug/kg			<1.4	<1.5	<1.2		
1,2-Dibromo-3-Chloropropane	ug/kg			<2.8	<2.9	<2.5		
1,3-Dichloropropane	ug/kg			<0.69	<0.74	<0.62		
sec-Dichloropropane	ug/kg			<1.4	<1.5	<1.2		
1,1-Dichloropropene	ug/kg			<1.4	<1.5	<1.2		
trans-1,3-Dichloropropene	ug/kg			<6.9	<7.4	<6.2		
cis-1,3-Dichloropropene	ug/kg			<2.8	<2.9	<2.5		
Styrene	ug/kg			<1.4	<1.5	<1.2		
Toluene	ug/kg			<1.4	<1.5	<1.2		
2,4-Dinitrotoluene	ug/kg	<370	<350	<390 V-	<390 V-	<370 V-	<380 V-	<390 V-
2,6-Dinitrotoluene	ug/kg	<370	<350	<390	<390	<370	<380	<390
2-Chlorotoluene	ug/kg			<1.4	<1.5	<1.2		
4-Chlorotoluene	ug/kg			<1.4	<1.5	<1.2		
Trichloroethylene	ug/kg			<1.4	<1.5	<1.2		
o-Xylene	ug/kg			<1.4	<1.5	<1.2		
Xylenes,m- & p-	ug/kg			<2.8	<2.9	<2.5		
2,4-Dimethylphenol	ug/kg	<370	<350	<390	<390	<370	<380	<390
cis-1,2-Dichloroethylene	ug/kg			<1.4	<1.5	<1.2		
n-Butylbenzene	ug/kg			<2.8	<2.9	<2.5		
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-01	SS-01	SS-02	SS-02	SS-03	SS-03	SS-07
	Sample ID	1273761	1273761	1273762	1273762	1273763	1273763	1273741
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:05	11:05	11:08	11:08	11:13	11:13	09:50
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-18	13A0643-18RE1	13A0643-17	13A0643-17RE1	13A0643-16	13A0643-16RE1	13A0643-19
Constituent	Units							
Date PCBs Analyzed	-	01/29/2013		01/29/2013		01/29/2013		01/29/2013
Date Metals Analyzed	-							
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-		01/31/2013		01/31/2013		01/31/2013	
Date Semivolatile Organics Analyzed	-	01/29/2013		01/30/2013		01/29/2013		01/30/2013
Alachlor	ug/kg							
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium, Total	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Mercury	mg/kg							
Nickel	mg/kg							
Selenium	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
Arochlor 1016	ug/kg	<110		<120		<120		<120
Arochlor 1221	ug/kg	<110		<120		<120		<120
Arochlor 1232	ug/kg	<110		<120		<120		<120
Arochlor 1242	ug/kg	<110		<120		<120		<120
Arochlor 1248	ug/kg	<110		<120		<120		<120

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-01	SS-01	SS-02	SS-02	SS-03	SS-03	SS-07
	Sample ID	1273761	1273761	1273762	1273762	1273763	1273763	1273741
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:05	11:05	11:08	11:08	11:13	11:13	09:50
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-18	13A0643-18RE1	13A0643-17	13A0643-17RE1	13A0643-16	13A0643-16RE1	13A0643-19
Constituent	Units							
Arochlor 1254	ug/kg	<110		<120		<120		<120
Arochlor 1260	ug/kg	<110		<120		<120		<120
Arochlor 1262	ug/kg	<110		<120		<120		<120
Arochlor 1268	ug/kg	<110		<120		<120		<120
Aldrin	ug/kg							
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-01	SS-01	SS-02	SS-02	SS-03	SS-03	SS-07
	Sample ID	1273761	1273761	1273762	1273762	1273763	1273763	1273741
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:05	11:05	11:08	11:08	11:13	11:13	09:50
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-18	13A0643-18RE1	13A0643-17	13A0643-17RE1	13A0643-16	13A0643-16RE1	13A0643-19
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg		66		120		180	
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg	<200		300		<210		460
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg	210		680		630		1200
Benzo[b]fluoranthene	ug/kg	380		940		1200		1400
Benzo(a)pyrene	ug/kg	260		720		790		1200
Benzo(g,h,i)perylene	ug/kg	<200		500		300		960
Benzo(k)fluoranthene	ug/kg	<200		380		390		550
Carbazole	ug/kg							
Chrysene	ug/kg	340		950		1000		1400
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg	<200		<200		<210		270
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-01	SS-01	SS-02	SS-02	SS-03	SS-03	SS-07
	Sample ID	1273761	1273761	1273762	1273762	1273763	1273763	1273741
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:05	11:05	11:08	11:08	11:13	11:13	09:50
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-18	13A0643-18RE1	13A0643-17	13A0643-17RE1	13A0643-16	13A0643-16RE1	13A0643-19
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg	430		1500		1200		1900
Fluorene	ug/kg	<200		<200		<210		<200
Indeno(1,2,3-c,d)pyrene	ug/kg	240		510		450		1000
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg							
Naphthalene	ug/kg	<200		<200		<210		<200
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg	320		1200		1100		1200
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg	410		1400		1200		2800
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg							
Acenaphthene	ug/kg	<200		<200		<210		<200
Acetone	ug/kg							
Acrylonitrile	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-01	SS-01	SS-02	SS-02	SS-03	SS-03	SS-07
	Sample ID	1273761	1273761	1273762	1273762	1273763	1273763	1273741
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:05	11:05	11:08	11:08	11:13	11:13	09:50
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-18	13A0643-18RE1	13A0643-17	13A0643-17RE1	13A0643-16	13A0643-16RE1	13A0643-19
Constituent	Units							
Anthracene	ug/kg	<200		<200		<210		<200
Benzene	ug/kg							
1,2,3-Trichlorobenzene	ug/kg							
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
1,2-Dichlorobenzene	ug/kg							
1,3,5-Trimethylbenzene	ug/kg							
1,3-Dichlorobenzene	ug/kg							
1,4-Dichlorobenzene	ug/kg							
Bromobenzene	ug/kg							
Chlorobenzene	ug/kg							
Ethylbenzene	ug/kg							
Isopropylbenzene (Cumene)	ug/kg							
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg							
sec-Butylbenzene	ug/kg							
tert-Butylbenzene	ug/kg							
Hexachlorobutadiene	ug/kg							
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg							
trans-1,4-Dichlorobutene	ug/kg							
Carbon Disulfide	ug/kg							
Carbon Tetrachloride	ug/kg							
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg							
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-01	SS-01	SS-02	SS-02	SS-03	SS-03	SS-07
	Sample ID	1273761	1273761	1273762	1273762	1273763	1273763	1273741
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:05	11:05	11:08	11:08	11:13	11:13	09:50
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-18	13A0643-18RE1	13A0643-17	13A0643-17RE1	13A0643-16	13A0643-16RE1	13A0643-19
Constituent	Units							
Dichlorodifluoromethane	ug/kg							
1,1,1,2-Tetrachloroethane	ug/kg							
1,1,1-Trichloroethane	ug/kg							
1,1,2,2-Tetrachloroethane	ug/kg							
1,1,2-Trichloroethane	ug/kg							
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg							
1,1-Dichloroethane	ug/kg							
Ethylene Dibromide	ug/kg							
1,2-Dichloroethane	ug/kg							
Chloroethane	ug/kg							
Methyl tert-Butyl ether	ug/kg							
1,1-Dichloroethylene	ug/kg							
trans-1,2-Dichloroethylene	ug/kg							
Vinyl Chloride	ug/kg							
Tetrachloroethylene	ug/kg							
Tetrahydrofuran	ug/kg							
Hexanone, 2-	ug/kg							
Bromomethane	ug/kg							
Bromodichloromethane	ug/kg							
Chloromethane	ug/kg							
Dibromochloromethane	ug/kg							
Methylene Dibromide	ug/kg							
Methylene Chloride	ug/kg							
Bromoform	ug/kg							
Chloroform	ug/kg							
Trichlorofluoromethane	ug/kg							
2-Methylnaphthalene	ug/kg	<200		<200		<210		<200
Methyl Isobutyl ketone	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-01	SS-01	SS-02	SS-02	SS-03	SS-03	SS-07
	Sample ID	1273761	1273761	1273762	1273762	1273763	1273763	1273741
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:05	11:05	11:08	11:08	11:13	11:13	09:50
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-18	13A0643-18RE1	13A0643-17	13A0643-17RE1	13A0643-16	13A0643-16RE1	13A0643-19
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg							
1,2-Dibromo-3-Chloropropane	ug/kg							
1,3-Dichloropropane	ug/kg							
sec-Dichloropropane	ug/kg							
1,1-Dichloropropene	ug/kg							
trans-1,3-Dichloropropene	ug/kg							
cis-1,3-Dichloropropene	ug/kg							
Styrene	ug/kg							
Toluene	ug/kg							
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg							
4-Chlorotoluene	ug/kg							
Trichloroethylene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg							
n-Butylbenzene	ug/kg							
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-07	SS-08	SS-08	SS-09	SS-09	SS-13	SS-14
	Sample ID	1273741	1273742	1273742	1273743	1273743	1273764	1273784
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	09:50	09:55	09:55	10:00	10:00	11:22	13:35
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-19RE1	13A0643-20	13A0643-20RE1	13A0643-21	13A0643-21RE1	13A0643-15	13A0643-09
Constituent	Units							
Date PCBs Analyzed	-		01/29/2013		01/29/2013			
Date Metals Analyzed	-						01/30/2013	01/30/2013
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-						01/28/2013	01/29/2013
Date Physical Analyzed	-	01/31/2013		01/31/2013		01/31/2013		
Date Semivolatile Organics Analyzed	-		01/29/2013	01/30/2013	01/29/2013			
Alachlor	ug/kg						<23	<23
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg							
Barium	mg/kg							
Cadmium	mg/kg							
Chromium, Total	mg/kg							
Copper	mg/kg							
Lead	mg/kg						11	470
Mercury	mg/kg							
Nickel	mg/kg							
Selenium	mg/kg							
Silver	mg/kg							
Zinc	mg/kg							
Arochlor 1016	ug/kg		<130		<120			
Arochlor 1221	ug/kg		<130		<120			
Arochlor 1232	ug/kg		<130		<120			
Arochlor 1242	ug/kg		<130		<120			
Arochlor 1248	ug/kg		<130		<120			

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-07	SS-08	SS-08	SS-09	SS-09	SS-13	SS-14
	Sample ID	1273741	1273742	1273742	1273743	1273743	1273764	1273784
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	09:50	09:55	09:55	10:00	10:00	11:22	13:35
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-19RE1	13A0643-20	13A0643-20RE1	13A0643-21	13A0643-21RE1	13A0643-15	13A0643-09
Constituent	Units							
Arochlor 1254	ug/kg		<130		<120			
Arochlor 1260	ug/kg		<130		<120			
Arochlor 1262	ug/kg		<130		<120			
Arochlor 1268	ug/kg		<130		<120			
Aldrin	ug/kg						<5.7	<5.9
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg						<6.8	<7.0
Chlordane	ug/kg						<23	<23
alpha-Hexachlorocyclohexane	ug/kg						<5.7	<5.9
beta-Hexachlorocyclohexane	ug/kg						<5.7	<5.9
delta-Hexachlorocyclohexane	ug/kg						<5.7	<5.9
Lindane	ug/kg						<2.3	<2.3
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg						<4.5	<4.7
Endrin	ug/kg						<9.1	<9.4
Endrin aldehyde	ug/kg						<9.1	<9.4
Endrin ketone	ug/kg						<9.1	<9.4
4,4-DDT	ug/kg						<4.5	<4.7
Methoxychlor	ug/kg						<57	<59
4,4-DDD	ug/kg						<4.5	<4.7
4,4-DDE	ug/kg						<4.5	<4.7
Heptachlor Epoxide	ug/kg						<5.7	<5.9
Heptachlor	ug/kg						<5.7	<5.9
Endosulfan Sulfate	ug/kg						<9.1	<9.4
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg						<5.7	<5.9
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg						<9.1	<9.4
Toxaphene	ug/kg						<110	<120
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-07	SS-08	SS-08	SS-09	SS-09	SS-13	SS-14
	Sample ID	1273741	1273742	1273742	1273743	1273743	1273764	1273784
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	09:50	09:55	09:55	10:00	10:00	11:22	13:35
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-19RE1	13A0643-20	13A0643-20RE1	13A0643-21	13A0643-21RE1	13A0643-15	13A0643-09
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	160		450		390		
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg		2600	3100	430			
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg		9400	10000	2400			
Benzo[b]fluoranthene	ug/kg		9900	11000	3000			
Benzo(a)pyrene	ug/kg		7300	8400	2200			
Benzo(g,h,i)perylene	ug/kg		2100	<2200	870			
Benzo(k)fluoranthene	ug/kg		3600	4100	1000			
Carbazole	ug/kg							
Chrysene	ug/kg		9800	11000	2600			
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg		880	<2200	350			
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-07	SS-08	SS-08	SS-09	SS-09	SS-13	SS-14
	Sample ID	1273741	1273742	1273742	1273743	1273743	1273764	1273784
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	09:50	09:55	09:55	10:00	10:00	11:22	13:35
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-19RE1	13A0643-20	13A0643-20RE1	13A0643-21	13A0643-21RE1	13A0643-15	13A0643-09
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg		18000 E	22000	4400			
Fluorene	ug/kg		4000	4800	380			
Indeno(1,2,3-c,d)pyrene	ug/kg		2500	3600	1100			
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg							
Naphthalene	ug/kg		1200	<2200	<210			
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg		28000 E	33000	3600			
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg		13000 E	14000	3400			
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg							
Acenaphthene	ug/kg		1200	<2200	<210			
Acetone	ug/kg							
Acrylonitrile	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-07	SS-08	SS-08	SS-09	SS-09	SS-13	SS-14
	Sample ID	1273741	1273742	1273742	1273743	1273743	1273764	1273784
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	09:50	09:55	09:55	10:00	10:00	11:22	13:35
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-19RE1	13A0643-20	13A0643-20RE1	13A0643-21	13A0643-21RE1	13A0643-15	13A0643-09
Constituent	Units							
Anthracene	ug/kg		4000	4800	580			
Benzene	ug/kg							
1,2,3-Trichlorobenzene	ug/kg							
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
1,2-Dichlorobenzene	ug/kg							
1,3,5-Trimethylbenzene	ug/kg							
1,3-Dichlorobenzene	ug/kg							
1,4-Dichlorobenzene	ug/kg							
Bromobenzene	ug/kg							
Chlorobenzene	ug/kg							
Ethylbenzene	ug/kg							
Isopropylbenzene (Cumene)	ug/kg							
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg							
sec-Butylbenzene	ug/kg							
tert-Butylbenzene	ug/kg							
Hexachlorobutadiene	ug/kg							
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg							
trans-1,4-Dichlorobutene	ug/kg							
Carbon Disulfide	ug/kg							
Carbon Tetrachloride	ug/kg							
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg							
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-07	SS-08	SS-08	SS-09	SS-09	SS-13	SS-14
	Sample ID	1273741	1273742	1273742	1273743	1273743	1273764	1273784
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	09:50	09:55	09:55	10:00	10:00	11:22	13:35
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-19RE1	13A0643-20	13A0643-20RE1	13A0643-21	13A0643-21RE1	13A0643-15	13A0643-09
Constituent	Units							
Dichlorodifluoromethane	ug/kg							
1,1,1,2-Tetrachloroethane	ug/kg							
1,1,1-Trichloroethane	ug/kg							
1,1,2,2-Tetrachloroethane	ug/kg							
1,1,2-Trichloroethane	ug/kg							
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg							
1,1-Dichloroethane	ug/kg							
Ethylene Dibromide	ug/kg							
1,2-Dichloroethane	ug/kg							
Chloroethane	ug/kg							
Methyl tert-Butyl ether	ug/kg							
1,1-Dichloroethylene	ug/kg							
trans-1,2-Dichloroethylene	ug/kg							
Vinyl Chloride	ug/kg							
Tetrachloroethylene	ug/kg							
Tetrahydrofuran	ug/kg							
Hexanone, 2-	ug/kg							
Bromomethane	ug/kg							
Bromodichloromethane	ug/kg							
Chloromethane	ug/kg							
Dibromochloromethane	ug/kg							
Methylene Dibromide	ug/kg							
Methylene Chloride	ug/kg							
Bromoform	ug/kg							
Chloroform	ug/kg							
Trichlorofluoromethane	ug/kg							
2-Methylnaphthalene	ug/kg		1400	<2200	<210			
Methyl Isobutyl ketone	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-07	SS-08	SS-08	SS-09	SS-09	SS-13	SS-14
	Sample ID	1273741	1273742	1273742	1273743	1273743	1273764	1273784
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	09:50	09:55	09:55	10:00	10:00	11:22	13:35
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-19RE1	13A0643-20	13A0643-20RE1	13A0643-21	13A0643-21RE1	13A0643-15	13A0643-09
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg							
1,2-Dibromo-3-Chloropropane	ug/kg							
1,3-Dichloropropane	ug/kg							
sec-Dichloropropane	ug/kg							
1,1-Dichloropropene	ug/kg							
trans-1,3-Dichloropropene	ug/kg							
cis-1,3-Dichloropropene	ug/kg							
Styrene	ug/kg							
Toluene	ug/kg							
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg							
4-Chlorotoluene	ug/kg							
Trichloroethylene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg							
n-Butylbenzene	ug/kg							
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-15	SS-16	SS-17	SS-18	SS-19	SS-20	SS-21
	Sample ID	1273785	1273786	1273787	1273788	1273789	1273790	1273791
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:45	13:52	13:59	14:06	14:15	14:26	14:45
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-08	13A0643-07	13A0643-06	13A0643-05	13A0643-04	13A0643-03	13A0643-02
Constituent	Units							
Date PCBs Analyzed	-							
Date Metals Analyzed	-	01/30/2013	01/29/2013		01/30/2013	01/30/2013		01/29/2013
Date Organics Analyzed	-		01/31/2013					
Date Pesticides/Herbicides Analyzed	-	01/28/2013	01/29/2013	01/28/2013	01/29/2013	01/28/2013	01/29/2013	01/28/2013
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-		01/28/2013					
Alachlor	ug/kg	<23	<23	<26	<25	<23	<24	<26
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg		<2.8					
Barium	mg/kg		46					
Cadmium	mg/kg		0.29					
Chromium, Total	mg/kg		13					
Copper	mg/kg		20					
Lead	mg/kg	15	260		730	570		21
Mercury	mg/kg		0.048					
Nickel	mg/kg		6.9					
Selenium	mg/kg		<5.5					
Silver	mg/kg		<0.55					
Zinc	mg/kg		73					
Arochlor 1016	ug/kg							
Arochlor 1221	ug/kg							
Arochlor 1232	ug/kg							
Arochlor 1242	ug/kg							
Arochlor 1248	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-15	SS-16	SS-17	SS-18	SS-19	SS-20	SS-21
	Sample ID	1273785	1273786	1273787	1273788	1273789	1273790	1273791
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:45	13:52	13:59	14:06	14:15	14:26	14:45
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-08	13A0643-07	13A0643-06	13A0643-05	13A0643-04	13A0643-03	13A0643-02
Constituent	Units							
Arochlor 1254	ug/kg							
Arochlor 1260	ug/kg							
Arochlor 1262	ug/kg							
Arochlor 1268	ug/kg							
Aldrin	ug/kg	<5.7	<5.8	<6.5	<6.3	<5.8	<6.0	<6.4
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg	<6.9	<6.9	<7.8	<7.6	<7.0	<7.2	<7.7
Chlordane	ug/kg	<23	<23	<26	<25	<23	<24	210
alpha-Hexachlorocyclohexane	ug/kg	<5.7	<5.8	<6.5	<6.3	<5.8	<6.0	<6.4
beta-Hexachlorocyclohexane	ug/kg	<5.7	<5.8	<6.5	<6.3	<5.8	<6.0	<6.4
delta-Hexachlorocyclohexane	ug/kg	<5.7	<5.8	<6.5	<6.3	<5.8	<6.0	<6.4
Lindane	ug/kg	<2.3	<2.3	<2.6	<2.5	<2.3	<2.4	<2.6
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg	<4.6	<4.6	<5.2	<5.1	<4.7	<4.8	<5.1
Endrin	ug/kg	<9.2	<9.2	<10	<10	<9.3	<9.6	<10
Endrin aldehyde	ug/kg	<9.2	<9.2	<10	<10	<9.3	<9.6	<10
Endrin ketone	ug/kg	<9.2	<9.2	<10	<10	<9.3	<9.6	<10
4,4-DDT	ug/kg	<4.6	<4.6	<5.2	<5.1	<4.7	<4.8	<5.1
Methoxychlor	ug/kg	<57	<58	<65	<63	<58	<60	<64
4,4-DDD	ug/kg	<4.6	<4.6	<5.2	<5.1	<4.7	<4.8	<5.1
4,4-DDE	ug/kg	<4.6	<4.6	<5.2	<5.1	<4.7	<4.8	<5.1
Heptachlor Epoxide	ug/kg	<5.7	<5.8	<6.5	<6.3	<5.8	<6.0	39
Heptachlor	ug/kg	<5.7	<5.8	<6.5	<6.3	<5.8	<6.0	<6.4
Endosulfan Sulfate	ug/kg	<9.2	<9.2	<10	<10	<9.3	<9.6	<10
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg	<5.7	<5.8	<6.5	<6.3	<5.8	<6.0	<6.4
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg	<9.2	<9.2	<10	<10	<9.3	<9.6	<10
Toxaphene	ug/kg	<110	<120	<130	<130	<120	<120	<130
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-15	SS-16	SS-17	SS-18	SS-19	SS-20	SS-21
	Sample ID	1273785	1273786	1273787	1273788	1273789	1273790	1273791
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:45	13:52	13:59	14:06	14:15	14:26	14:45
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-08	13A0643-07	13A0643-06	13A0643-05	13A0643-04	13A0643-03	13A0643-02
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg							
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg		<200					
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg		<200					
Benzo[b]fluoranthene	ug/kg		210					
Benzo(a)pyrene	ug/kg		<200					
Benzo(g,h,i)perylene	ug/kg		<200					
Benzo(k)fluoranthene	ug/kg		<200					
Carbazole	ug/kg							
Chrysene	ug/kg		<200					
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg		<200					
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-15	SS-16	SS-17	SS-18	SS-19	SS-20	SS-21
	Sample ID	1273785	1273786	1273787	1273788	1273789	1273790	1273791
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:45	13:52	13:59	14:06	14:15	14:26	14:45
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-08	13A0643-07	13A0643-06	13A0643-05	13A0643-04	13A0643-03	13A0643-02
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg		250					
Fluorene	ug/kg		<200					
Indeno(1,2,3-c,d)pyrene	ug/kg		<200					
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg		<130					
Naphthalene	ug/kg		<200					
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg		<200					
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg		290					
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg		<67					
Acenaphthene	ug/kg		<200					
Acetone	ug/kg		22000					
Acrylonitrile	ug/kg		<330					

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-15	SS-16	SS-17	SS-18	SS-19	SS-20	SS-21
	Sample ID	1273785	1273786	1273787	1273788	1273789	1273790	1273791
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:45	13:52	13:59	14:06	14:15	14:26	14:45
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-08	13A0643-07	13A0643-06	13A0643-05	13A0643-04	13A0643-03	13A0643-02
Constituent	Units							
Anthracene	ug/kg		<200					
Benzene	ug/kg		<67					
1,2,3-Trichlorobenzene	ug/kg		<330					
1,2,4-Trichlorobenzene	ug/kg		<67					
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg		<67					
1,2-Dichlorobenzene	ug/kg		<67					
1,3,5-Trimethylbenzene	ug/kg		<67					
1,3-Dichlorobenzene	ug/kg		<67					
1,4-Dichlorobenzene	ug/kg		<67					
Bromobenzene	ug/kg		<67					
Chlorobenzene	ug/kg		<67					
Ethylbenzene	ug/kg		<67					
Isopropylbenzene (Cumene)	ug/kg		<67					
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg		<67					
sec-Butylbenzene	ug/kg		<67					
tert-Butylbenzene	ug/kg		<67					
Hexachlorobutadiene	ug/kg		<67					
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg		<1300					
trans-1,4-Dichlorobutene	ug/kg		<130					
Carbon Disulfide	ug/kg		<200					
Carbon Tetrachloride	ug/kg		<67					
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg		<67					
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-15	SS-16	SS-17	SS-18	SS-19	SS-20	SS-21
	Sample ID	1273785	1273786	1273787	1273788	1273789	1273790	1273791
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:45	13:52	13:59	14:06	14:15	14:26	14:45
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-08	13A0643-07	13A0643-06	13A0643-05	13A0643-04	13A0643-03	13A0643-02
Constituent	Units							
Dichlorodifluoromethane	ug/kg		<130					
1,1,1,2-Tetrachloroethane	ug/kg		<67					
1,1,1-Trichloroethane	ug/kg		<67					
1,1,2,2-Tetrachloroethane	ug/kg		<33					
1,1,2-Trichloroethane	ug/kg		<67					
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg		<67					
1,1-Dichloroethane	ug/kg		<67					
Ethylene Dibromide	ug/kg		<67					
1,2-Dichloroethane	ug/kg		<67					
Chloroethane	ug/kg		<130					
Methyl tert-Butyl ether	ug/kg		<67					
1,1-Dichloroethylene	ug/kg		<67					
trans-1,2-Dichloroethylene	ug/kg		<67					
Vinyl Chloride	ug/kg		<130					
Tetrachloroethylene	ug/kg		<67					
Tetrahydrofuran	ug/kg		<670					
Hexanone, 2-	ug/kg		<670					
Bromomethane	ug/kg		<130					
Bromodichloromethane	ug/kg		<130					
Chloromethane	ug/kg		<130					
Dibromochloromethane	ug/kg		<33					
Methylene Dibromide	ug/kg		<67					
Methylene Chloride	ug/kg		<330					
Bromoform	ug/kg		<67					
Chloroform	ug/kg		<130					
Trichlorofluoromethane	ug/kg		<130					
2-Methylnaphthalene	ug/kg		<200					
Methyl Isobutyl ketone	ug/kg		<670					

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-15	SS-16	SS-17	SS-18	SS-19	SS-20	SS-21
	Sample ID	1273785	1273786	1273787	1273788	1273789	1273790	1273791
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	13:45	13:52	13:59	14:06	14:15	14:26	14:45
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-08	13A0643-07	13A0643-06	13A0643-05	13A0643-04	13A0643-03	13A0643-02
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg		<130					
1,2-Dibromo-3-Chloropropane	ug/kg		<330					
1,3-Dichloropropane	ug/kg		<33					
sec-Dichloropropane	ug/kg		<67					
1,1-Dichloropropene	ug/kg		<130					
trans-1,3-Dichloropropene	ug/kg		<33					
cis-1,3-Dichloropropene	ug/kg		<33					
Styrene	ug/kg		<67					
Toluene	ug/kg		<67					
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg		<67					
4-Chlorotoluene	ug/kg		<67					
Trichloroethylene	ug/kg		<67					
o-Xylene	ug/kg		<67					
Xylenes,m- & p-	ug/kg		<130					
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg		<67					
n-Butylbenzene	ug/kg		<67					
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-300	SS-301	SS-302	SS-303	SS-304	SS-305	SS-306
	Sample ID	1287377	1287378	1287379	1287380	1287381	1287386	1287387
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	11:45	11:55	12:00	12:05	12:15	13:00	13:15
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-25	13H1103-26	13H1103-27	13H1103-28	13H1103-29	13H1103-30	13H1103-31
Constituent	Units							
Date PCBs Analyzed	-							
Date Metals Analyzed	-	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-	09/03/2013	09/03/2013	09/03/2013	09/03/2013	09/03/2013	09/03/2013	09/03/2013
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Alachlor	ug/kg	<9300	<1000	<23	<26	<24	<22	<27
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg	4.2	3.7	<2.9	5.1	3.3	<2.5	6.1
Barium	mg/kg	61	45	36	170	52	44	240
Cadmium	mg/kg	0.53	<0.26	<0.29	1.3	0.41	0.62	2.5
Chromium, Total	mg/kg	22	28	14	19	11	16	25
Copper	mg/kg	15	10	17	150	47	25	2100
Lead	mg/kg	54	31	230	2000	330	44	2500
Mercury	mg/kg	0.19	0.071	<0.029	0.27	0.062	0.089	0.19
Nickel	mg/kg	9.9	6.3	7.8	11	5.9	7.6	9.8
Selenium	mg/kg	<5.4	<5.3	<5.8	<6.2	<5.5	<5.1	<6.5
Silver	mg/kg	<0.54	<0.53	<0.58	<0.62	<0.55	<0.51	<0.65
Zinc	mg/kg	68	61	270	920	250	320	1800
Arochlor 1016	ug/kg							
Arochlor 1221	ug/kg							
Arochlor 1232	ug/kg							
Arochlor 1242	ug/kg							
Arochlor 1248	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-300	SS-301	SS-302	SS-303	SS-304	SS-305	SS-306
	Sample ID	1287377	1287378	1287379	1287380	1287381	1287386	1287387
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	11:45	11:55	12:00	12:05	12:15	13:00	13:15
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-25	13H1103-26	13H1103-27	13H1103-28	13H1103-29	13H1103-30	13H1103-31
Constituent	Units							
Arochlor 1254	ug/kg							
Arochlor 1260	ug/kg							
Arochlor 1262	ug/kg							
Arochlor 1268	ug/kg							
Aldrin	ug/kg	<2300	<260	<5.9	<6.6	<5.9	<5.5	<6.7
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg	<2800	<310	<7.0	<7.9	<7.1	<6.5	<8.0
Chlordane	ug/kg	66000	11000 V-	73 V-	53 V-	<24	<22	38
alpha-Hexachlorocyclohexane	ug/kg	<2300	<260	<5.9	<6.6	<5.9	<5.5	<6.7
beta-Hexachlorocyclohexane	ug/kg	<2300	<260	<5.9	<6.6	<5.9	<5.5	<6.7
delta-Hexachlorocyclohexane	ug/kg	<2300	<260	<5.9	<6.6	<5.9	<5.5	<6.7
Lindane	ug/kg	<930	<100	<2.3	<2.6	<2.4	<2.2	<2.7
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg	<1900	<210	<4.7	<5.2	<4.7	21	<5.4
Endrin	ug/kg	<3700	<420	<9.4	<10	<9.5	<8.7	<11
Endrin aldehyde	ug/kg	<3700	<420	<9.4	<10	<9.5	<8.7	<11
Endrin ketone	ug/kg	<3700	<420	<9.4	<10	<9.5	<8.7	<11
4,4-DDT	ug/kg	<1900	<210	48	22	<4.7	<4.4	11
Methoxychlor	ug/kg	<23000	<2600	<59	<66	<59	<55	<67
4,4-DDD	ug/kg	<1900	<210 V-	<4.7 V-	<5.2 V-	<4.7 V-	<4.4 V-	<5.4
4,4-DDE	ug/kg	<1900	<210	<4.7	<5.2	<4.7	<5.4	<5.4
Heptachlor Epoxide	ug/kg	<2300	<260	<5.9	<6.6	<5.9	<5.5	<6.7
Heptachlor	ug/kg	<2300	<260	<5.9	<6.6	<5.9	<5.5	<6.7
Endosulfan Sulfate	ug/kg	<3700	<420	<9.4	<10	<9.5	<8.7	<11
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg	<2300	<260	<5.9	<6.6	<5.9	<5.5	<6.7
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg	<3700	<420	<9.4	<10	<9.5	<8.7	<11
Toxaphene	ug/kg	<46000	<5200	<120	<130	<120	<110	<130
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-300	SS-301	SS-302	SS-303	SS-304	SS-305	SS-306
	Sample ID	1287377	1287378	1287379	1287380	1287381	1287386	1287387
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	11:45	11:55	12:00	12:05	12:15	13:00	13:15
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-25	13H1103-26	13H1103-27	13H1103-28	13H1103-29	13H1103-30	13H1103-31
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg							
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg							
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg							
Benzo[b]fluoranthene	ug/kg							
Benzo(a)pyrene	ug/kg							
Benzo(g,h,i)perylene	ug/kg							
Benzo(k)fluoranthene	ug/kg							
Carbazole	ug/kg							
Chrysene	ug/kg							
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg							
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-300	SS-301	SS-302	SS-303	SS-304	SS-305	SS-306
	Sample ID	1287377	1287378	1287379	1287380	1287381	1287386	1287387
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	11:45	11:55	12:00	12:05	12:15	13:00	13:15
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-25	13H1103-26	13H1103-27	13H1103-28	13H1103-29	13H1103-30	13H1103-31
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg							
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg							
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg							
Naphthalene	ug/kg							
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg							
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg							
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg							
Acenaphthene	ug/kg							
Acetone	ug/kg							
Acrylonitrile	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-300	SS-301	SS-302	SS-303	SS-304	SS-305	SS-306
	Sample ID	1287377	1287378	1287379	1287380	1287381	1287386	1287387
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	11:45	11:55	12:00	12:05	12:15	13:00	13:15
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-25	13H1103-26	13H1103-27	13H1103-28	13H1103-29	13H1103-30	13H1103-31
Constituent	Units							
Anthracene	ug/kg							
Benzene	ug/kg							
1,2,3-Trichlorobenzene	ug/kg							
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
1,2-Dichlorobenzene	ug/kg							
1,3,5-Trimethylbenzene	ug/kg							
1,3-Dichlorobenzene	ug/kg							
1,4-Dichlorobenzene	ug/kg							
Bromobenzene	ug/kg							
Chlorobenzene	ug/kg							
Ethylbenzene	ug/kg							
Isopropylbenzene (Cumene)	ug/kg							
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg							
sec-Butylbenzene	ug/kg							
tert-Butylbenzene	ug/kg							
Hexachlorobutadiene	ug/kg							
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg							
trans-1,4-Dichlorobutene	ug/kg							
Carbon Disulfide	ug/kg							
Carbon Tetrachloride	ug/kg							
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg							
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-300	SS-301	SS-302	SS-303	SS-304	SS-305	SS-306
	Sample ID	1287377	1287378	1287379	1287380	1287381	1287386	1287387
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	11:45	11:55	12:00	12:05	12:15	13:00	13:15
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-25	13H1103-26	13H1103-27	13H1103-28	13H1103-29	13H1103-30	13H1103-31
Constituent	Units							
Dichlorodifluoromethane	ug/kg							
1,1,1,2-Tetrachloroethane	ug/kg							
1,1,1-Trichloroethane	ug/kg							
1,1,2,2-Tetrachloroethane	ug/kg							
1,1,2-Trichloroethane	ug/kg							
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg							
1,1-Dichloroethane	ug/kg							
Ethylene Dibromide	ug/kg							
1,2-Dichloroethane	ug/kg							
Chloroethane	ug/kg							
Methyl tert-Butyl ether	ug/kg							
1,1-Dichloroethylene	ug/kg							
trans-1,2-Dichloroethylene	ug/kg							
Vinyl Chloride	ug/kg							
Tetrachloroethylene	ug/kg							
Tetrahydrofuran	ug/kg							
Hexanone, 2-	ug/kg							
Bromomethane	ug/kg							
Bromodichloromethane	ug/kg							
Chloromethane	ug/kg							
Dibromochloromethane	ug/kg							
Methylene Dibromide	ug/kg							
Methylene Chloride	ug/kg							
Bromoform	ug/kg							
Chloroform	ug/kg							
Trichlorofluoromethane	ug/kg							
2-Methylnaphthalene	ug/kg							
Methyl Isobutyl ketone	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-300	SS-301	SS-302	SS-303	SS-304	SS-305	SS-306
	Sample ID	1287377	1287378	1287379	1287380	1287381	1287386	1287387
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	11:45	11:55	12:00	12:05	12:15	13:00	13:15
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-25	13H1103-26	13H1103-27	13H1103-28	13H1103-29	13H1103-30	13H1103-31
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg							
1,2-Dibromo-3-Chloropropane	ug/kg							
1,3-Dichloropropane	ug/kg							
sec-Dichloropropane	ug/kg							
1,1-Dichloropropene	ug/kg							
trans-1,3-Dichloropropene	ug/kg							
cis-1,3-Dichloropropene	ug/kg							
Styrene	ug/kg							
Toluene	ug/kg							
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg							
4-Chlorotoluene	ug/kg							
Trichloroethylene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg							
n-Butylbenzene	ug/kg							
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-307	SS-308	SS-309	SS-310	SS-311	SS-312	SS-313
	Sample ID	1287388	1287389	1287390	1287391	1287392	1287393	1287382
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	13:20	13:25	13:35	13:40	14:00	14:05	14:10
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-32	13H1103-33	13H1103-34	13H1103-35	13H1103-36	13H1103-37	13H1103-38
Constituent	Units							
Date PCBs Analyzed	-							
Date Metals Analyzed	-	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-	09/03/2013	09/03/2013	09/03/2013	09/03/2013	09/03/2013	09/03/2013	09/03/2013
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Alachlor	ug/kg	<25	<23	<25	<23	<24	<23	<26
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg	8.3	3.8	6.4	3.2	3.8	5.0	6.1
Barium	mg/kg	260	61	74	33	53	41	55
Cadmium	mg/kg	4.3	0.57	1.6	0.51	1.7	1.1	1.6
Chromium, Total	mg/kg	34	15	13	12	15	14	18
Copper	mg/kg	3300	120	79	100	350	300	330
Lead	mg/kg	10000	300	410	530	1800	1200	530
Mercury	mg/kg	0.16	0.047	0.057	0.27	0.12	0.052	0.11
Nickel	mg/kg	6.8	7.1	6.9	6.4	9.4	7.5	9.8
Selenium	mg/kg	<6.3	<5.8	<6.3	<5.6	<6.1	<5.7	<6.3
Silver	mg/kg	<0.63	<0.58	<0.63	<0.56	<0.61	<0.57	<0.63
Zinc	mg/kg	1400	210	580	57	1000	400	570
Arochlor 1016	ug/kg							
Arochlor 1221	ug/kg							
Arochlor 1232	ug/kg							
Arochlor 1242	ug/kg							
Arochlor 1248	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-307	SS-308	SS-309	SS-310	SS-311	SS-312	SS-313
	Sample ID	1287388	1287389	1287390	1287391	1287392	1287393	1287382
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	13:20	13:25	13:35	13:40	14:00	14:05	14:10
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-32	13H1103-33	13H1103-34	13H1103-35	13H1103-36	13H1103-37	13H1103-38
Constituent	Units							
Arochlor 1254	ug/kg							
Arochlor 1260	ug/kg							
Arochlor 1262	ug/kg							
Arochlor 1268	ug/kg							
Aldrin	ug/kg	<6.3	<5.9	<6.3	<5.7	<6.0	<5.8	<6.5
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg	<7.6	<7.0	<7.6	<6.8	<7.3	<7.0	<7.8
Chlordane	ug/kg	<25	<23	<25	<23	<24	<23	<26
alpha-Hexachlorocyclohexane	ug/kg	<6.3	<5.9	<6.3	<5.7	<6.0	<5.8	<6.5
beta-Hexachlorocyclohexane	ug/kg	<6.3	<5.9	<6.3	<5.7	<6.0	<5.8	<6.5
delta-Hexachlorocyclohexane	ug/kg	<6.3	<5.9	<6.3	<5.7	<6.0	<5.8	<6.5
Lindane	ug/kg	<2.5	<2.3	<2.5	<2.3	<2.4	<2.3	<2.6
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg	<5.1	<4.7	<5.0	<4.5	<4.8	<4.7	<5.2
Endrin	ug/kg	<10	<9.4	<10	<9.1	<9.7	<9.3	<10
Endrin aldehyde	ug/kg	<10	<9.4	<10	<9.1	<9.7	<9.3	<10
Endrin ketone	ug/kg	<10	<9.4	<10	<9.1	<9.7	<9.3	<10
4,4-DDT	ug/kg	7.9	5.0	100	7.4	9.1	<4.7	<5.2
Methoxychlor	ug/kg	<63	<59	<63	<57	<60	<58	<65
4,4-DDD	ug/kg	<5.1 V-	<4.7 V-	<5.0 V-	<4.5 V-	<4.8	<4.7	<5.2
4,4-DDE	ug/kg	6.1	<4.7	55	<4.5	<4.8	<4.7	<5.2
Heptachlor Epoxide	ug/kg	<6.3	<5.9	<6.3	<5.7	<6.0	<5.8	<6.5
Heptachlor	ug/kg	<6.3	<5.9	<6.3	<5.7	<6.0	<5.8	<6.5
Endosulfan Sulfate	ug/kg	<10	<9.4	<10	<9.1	<9.7	<9.3	<10
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg	<6.3	<5.9	<6.3	<5.7	<6.0	<5.8	<6.5
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg	<10	<9.4	<10	<9.1	<9.7	<9.3	<10
Toxaphene	ug/kg	<130	<120	<130	<110	<120	<120	<130
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-307	SS-308	SS-309	SS-310	SS-311	SS-312	SS-313
	Sample ID	1287388	1287389	1287390	1287391	1287392	1287393	1287382
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	13:20	13:25	13:35	13:40	14:00	14:05	14:10
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-32	13H1103-33	13H1103-34	13H1103-35	13H1103-36	13H1103-37	13H1103-38
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg							
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg							
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg							
Benzo[b]fluoranthene	ug/kg							
Benzo(a)pyrene	ug/kg							
Benzo(g,h,i)perylene	ug/kg							
Benzo(k)fluoranthene	ug/kg							
Carbazole	ug/kg							
Chrysene	ug/kg							
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg							
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-307	SS-308	SS-309	SS-310	SS-311	SS-312	SS-313
	Sample ID	1287388	1287389	1287390	1287391	1287392	1287393	1287382
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	13:20	13:25	13:35	13:40	14:00	14:05	14:10
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-32	13H1103-33	13H1103-34	13H1103-35	13H1103-36	13H1103-37	13H1103-38
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg							
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg							
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg							
Naphthalene	ug/kg							
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg							
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg							
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg							
Acenaphthene	ug/kg							
Acetone	ug/kg							
Acrylonitrile	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-307	SS-308	SS-309	SS-310	SS-311	SS-312	SS-313
	Sample ID	1287388	1287389	1287390	1287391	1287392	1287393	1287382
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	13:20	13:25	13:35	13:40	14:00	14:05	14:10
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-32	13H1103-33	13H1103-34	13H1103-35	13H1103-36	13H1103-37	13H1103-38
Constituent	Units							
Anthracene	ug/kg							
Benzene	ug/kg							
1,2,3-Trichlorobenzene	ug/kg							
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
1,2-Dichlorobenzene	ug/kg							
1,3,5-Trimethylbenzene	ug/kg							
1,3-Dichlorobenzene	ug/kg							
1,4-Dichlorobenzene	ug/kg							
Bromobenzene	ug/kg							
Chlorobenzene	ug/kg							
Ethylbenzene	ug/kg							
Isopropylbenzene (Cumene)	ug/kg							
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg							
sec-Butylbenzene	ug/kg							
tert-Butylbenzene	ug/kg							
Hexachlorobutadiene	ug/kg							
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg							
trans-1,4-Dichlorobutene	ug/kg							
Carbon Disulfide	ug/kg							
Carbon Tetrachloride	ug/kg							
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg							
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-307	SS-308	SS-309	SS-310	SS-311	SS-312	SS-313
	Sample ID	1287388	1287389	1287390	1287391	1287392	1287393	1287382
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	13:20	13:25	13:35	13:40	14:00	14:05	14:10
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-32	13H1103-33	13H1103-34	13H1103-35	13H1103-36	13H1103-37	13H1103-38
Constituent	Units							
Dichlorodifluoromethane	ug/kg							
1,1,1,2-Tetrachloroethane	ug/kg							
1,1,1-Trichloroethane	ug/kg							
1,1,2,2-Tetrachloroethane	ug/kg							
1,1,2-Trichloroethane	ug/kg							
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg							
1,1-Dichloroethane	ug/kg							
Ethylene Dibromide	ug/kg							
1,2-Dichloroethane	ug/kg							
Chloroethane	ug/kg							
Methyl tert-Butyl ether	ug/kg							
1,1-Dichloroethylene	ug/kg							
trans-1,2-Dichloroethylene	ug/kg							
Vinyl Chloride	ug/kg							
Tetrachloroethylene	ug/kg							
Tetrahydrofuran	ug/kg							
Hexanone, 2-	ug/kg							
Bromomethane	ug/kg							
Bromodichloromethane	ug/kg							
Chloromethane	ug/kg							
Dibromochloromethane	ug/kg							
Methylene Dibromide	ug/kg							
Methylene Chloride	ug/kg							
Bromoform	ug/kg							
Chloroform	ug/kg							
Trichlorofluoromethane	ug/kg							
2-Methylnaphthalene	ug/kg							
Methyl Isobutyl ketone	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-307	SS-308	SS-309	SS-310	SS-311	SS-312	SS-313
	Sample ID	1287388	1287389	1287390	1287391	1287392	1287393	1287382
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	13:20	13:25	13:35	13:40	14:00	14:05	14:10
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-32	13H1103-33	13H1103-34	13H1103-35	13H1103-36	13H1103-37	13H1103-38
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg							
1,2-Dibromo-3-Chloropropane	ug/kg							
1,3-Dichloropropane	ug/kg							
sec-Dichloropropane	ug/kg							
1,1-Dichloropropene	ug/kg							
trans-1,3-Dichloropropene	ug/kg							
cis-1,3-Dichloropropene	ug/kg							
Styrene	ug/kg							
Toluene	ug/kg							
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg							
4-Chlorotoluene	ug/kg							
Trichloroethylene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg							
n-Butylbenzene	ug/kg							
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-314	SS-315	SS-316	SS-317	SS-318	SS-318	SS-319
	Sample ID	1287383	1287384	1287394	1287395	1287396	1287406	1287397
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	14:15	14:20	14:40	14:45	15:00	15:00	16:00
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-39	13H1103-40	13H1103-41	13H1103-42	13H1103-43	13H1103-44	13H1103-45
Constituent	Units							
Date PCBs Analyzed	-							
Date Metals Analyzed	-	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-	09/03/2013	09/03/2013	09/03/2013	09/03/2013	09/03/2013	09/03/2013	08/31/2013
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Alachlor	ug/kg	<25	<25	<25	<26	<24	<24	<42000
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg	15	4.5	<3.0	<3.3	3.6	4.1	4.5
Barium	mg/kg	75	64	28	42	66	71	60
Cadmium	mg/kg	1.5	1.2	0.42	0.50	0.73	0.79	1.2
Chromium, Total	mg/kg	19	16	14	15	16	16	75
Copper	mg/kg	200	320	21	18	140	180	21
Lead	mg/kg	840	480	1100	660	1100	1700	31
Mercury	mg/kg	0.085	0.20	0.16	0.11	0.070	0.099	0.42
Nickel	mg/kg	10	8.2	8.6	8.5	7.9	8.1	10
Selenium	mg/kg	<6.1	<5.9	<6.0	<6.5	<5.9	<5.9	<5.2
Silver	mg/kg	<0.61	<0.59	<0.60	<0.65	<0.59	<0.59	<0.52
Zinc	mg/kg	550	850	61	69	460	500	53
Arochlor 1016	ug/kg							
Arochlor 1221	ug/kg							
Arochlor 1232	ug/kg							
Arochlor 1242	ug/kg							
Arochlor 1248	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-314	SS-315	SS-316	SS-317	SS-318	SS-318	SS-319
	Sample ID	1287383	1287384	1287394	1287395	1287396	1287406	1287397
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	14:15	14:20	14:40	14:45	15:00	15:00	16:00
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-39	13H1103-40	13H1103-41	13H1103-42	13H1103-43	13H1103-44	13H1103-45
Constituent	Units							
Arochlor 1254	ug/kg							
Arochlor 1260	ug/kg							
Arochlor 1262	ug/kg							
Arochlor 1268	ug/kg							
Aldrin	ug/kg	<6.1	<6.2	<6.3	<6.6	<6.0	<6.1	<11000
Hexachlorobenzene	ug/kg							
Hexachlorobenzene	ug/kg	<7.4	<7.4	<7.5	<7.9	<7.2	<7.3	<13000
Chlordane	ug/kg	<25	<25	<25	<26	28	37	350000
alpha-Hexachlorocyclohexane	ug/kg	<6.1	<6.2	<6.3	<6.6	<6.0	<6.1	<11000
beta-Hexachlorocyclohexane	ug/kg	<6.1	<6.2	<6.3	<6.6	<6.0	<6.1	<11000
delta-Hexachlorocyclohexane	ug/kg	<6.1	<6.2	<6.3	<6.6	<6.0	<6.1	<11000
Lindane	ug/kg	<2.5	<2.5	<2.5	<2.6	<2.4	<2.4	<4200
Hexachlorocyclopentadiene	ug/kg							
Dieldrin	ug/kg	<4.9	<4.9	<5.0	<5.3	<4.8	<4.9	<8500
Endrin	ug/kg	<9.8	<9.9	<10	<11	<9.6	<9.8	<17000
Endrin aldehyde	ug/kg	<9.8	<9.9	<10	<11	<9.6	<9.8	<17000
Endrin ketone	ug/kg	<9.8	<9.9	<10	<11	<9.6	<9.8	<17000
4,4-DDT	ug/kg	8.0	7.3	<5.0	<5.3	8.3 P-	8.7 P-	<8500
Methoxychlor	ug/kg	<61	<62	<63	<66	<60	<61	<110000
4,4-DDD	ug/kg	<4.9	<4.9	<5.0	<5.3	<4.8	<4.9	<8500
4,4-DDE	ug/kg	<4.9	<4.9	<5.0	<5.3	<4.8	<4.9	<8500
Heptachlor Epoxide	ug/kg	<6.1	<6.2	<6.3	<6.6	<6.0	<6.1	<11000
Heptachlor	ug/kg	<6.1	<6.2	<6.3	<6.6	<6.0	<6.1	<11000
Endosulfan Sulfate	ug/kg	<9.8	<9.9	<10	<11	<9.6	<9.8	<17000
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg	<6.1	<6.2	<6.3	<6.6	<6.0	<6.1	<11000
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg	<9.8	<9.9	<10	<11	<9.6	<9.8	<17000
Toxaphene	ug/kg	<120	<120	<130	<130	<120	<120	<210000
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-314	SS-315	SS-316	SS-317	SS-318	SS-318	SS-319
	Sample ID	1287383	1287384	1287394	1287395	1287396	1287406	1287397
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	14:15	14:20	14:40	14:45	15:00	15:00	16:00
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-39	13H1103-40	13H1103-41	13H1103-42	13H1103-43	13H1103-44	13H1103-45
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg							
3,3'-Dichlorobenzidine	ug/kg							
Acenaphthylene	ug/kg							
Aniline	ug/kg							
3-Nitroaniline	ug/kg							
2-Nitroaniline	ug/kg							
4-Chloroaniline	ug/kg							
4-Nitroaniline	ug/kg							
1,2,4,5-Tetrachlorobenzene	ug/kg							
Benzo[a]anthracene	ug/kg							
Benzo[b]fluoranthene	ug/kg							
Benzo(a)pyrene	ug/kg							
Benzo(g,h,i)perylene	ug/kg							
Benzo(k)fluoranthene	ug/kg							
Carbazole	ug/kg							
Chrysene	ug/kg							
2-Methyl-4,6-Dinitrophenol	ug/kg							
3-Methyl-4-Chlorophenol	ug/kg							
m- & p- Cresol	ug/kg							
2-Methylphenol	ug/kg							
Di-n-butyl phthalate	ug/kg							
Dibenz(a,h)anthracene	ug/kg							
n-Nitrosodiphenylamine	ug/kg							
Nitrosodi-n-Propylamine	ug/kg							
Hexachloroethane	ug/kg							
4-Bromophenyl-phenylether	ug/kg							
4-Chlorophenylphenyl ether	ug/kg							
bis(2-Chloroisopropyl)ether	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-314	SS-315	SS-316	SS-317	SS-318	SS-318	SS-319
	Sample ID	1287383	1287384	1287394	1287395	1287396	1287406	1287397
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	14:15	14:20	14:40	14:45	15:00	15:00	16:00
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-39	13H1103-40	13H1103-41	13H1103-42	13H1103-43	13H1103-44	13H1103-45
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg							
Fluoranthene	ug/kg							
Fluorene	ug/kg							
Indeno(1,2,3-c,d)pyrene	ug/kg							
bis(2-Chloroethoxy) Methane	ug/kg							
Naphthalene	ug/kg							
Naphthalene	ug/kg							
2-Chloronaphthalene	ug/kg							
Phenanthrene	ug/kg							
Phenol	ug/kg							
2,4,5-Trichlorophenol	ug/kg							
2,4,6-Trichlorophenol	ug/kg							
2,4-Dichlorophenol	ug/kg							
2,4-Dinitrophenol	ug/kg							
2-Nitrophenol	ug/kg							
p-Nitrophenol	ug/kg							
Pentachlorophenol	ug/kg							
Butylbenzylphthalate	ug/kg							
Diethyl Phthalate	ug/kg							
Dimethyl Phthalate	ug/kg							
Di-n-octyl phthalate	ug/kg							
Pyrene	ug/kg							
Pyridine	ug/kg							
bis(2-Ethylhexyl)phthalate	ug/kg							
1,2-Dichloropropane	ug/kg							
Acenaphthene	ug/kg							
Acetone	ug/kg							
Acrylonitrile	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-314	SS-315	SS-316	SS-317	SS-318	SS-318	SS-319
	Sample ID	1287383	1287384	1287394	1287395	1287396	1287406	1287397
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	14:15	14:20	14:40	14:45	15:00	15:00	16:00
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-39	13H1103-40	13H1103-41	13H1103-42	13H1103-43	13H1103-44	13H1103-45
Constituent	Units							
Anthracene	ug/kg							
Benzene	ug/kg							
1,2,3-Trichlorobenzene	ug/kg							
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trimethylbenzene	ug/kg							
1,2-Dichlorobenzene	ug/kg							
1,3,5-Trimethylbenzene	ug/kg							
1,3-Dichlorobenzene	ug/kg							
1,4-Dichlorobenzene	ug/kg							
Bromobenzene	ug/kg							
Chlorobenzene	ug/kg							
Ethylbenzene	ug/kg							
Isopropylbenzene (Cumene)	ug/kg							
Nitrobenzene	ug/kg							
Pentachloronitrobenzene	ug/kg							
n-Propylbenzene	ug/kg							
sec-Butylbenzene	ug/kg							
tert-Butylbenzene	ug/kg							
Hexachlorobutadiene	ug/kg							
Hexachlorobutadiene	ug/kg							
2-Butanone (MEK)	ug/kg							
trans-1,4-Dichlorobutene	ug/kg							
Carbon Disulfide	ug/kg							
Carbon Tetrachloride	ug/kg							
Isophorone	ug/kg							
4-Isopropyltoluene	ug/kg							
Dibenzofuran	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-314	SS-315	SS-316	SS-317	SS-318	SS-318	SS-319
	Sample ID	1287383	1287384	1287394	1287395	1287396	1287406	1287397
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	14:15	14:20	14:40	14:45	15:00	15:00	16:00
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-39	13H1103-40	13H1103-41	13H1103-42	13H1103-43	13H1103-44	13H1103-45
Constituent	Units							
Dichlorodifluoromethane	ug/kg							
1,1,1,2-Tetrachloroethane	ug/kg							
1,1,1-Trichloroethane	ug/kg							
1,1,2,2-Tetrachloroethane	ug/kg							
1,1,2-Trichloroethane	ug/kg							
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg							
1,1-Dichloroethane	ug/kg							
Ethylene Dibromide	ug/kg							
1,2-Dichloroethane	ug/kg							
Chloroethane	ug/kg							
Methyl tert-Butyl ether	ug/kg							
1,1-Dichloroethylene	ug/kg							
trans-1,2-Dichloroethylene	ug/kg							
Vinyl Chloride	ug/kg							
Tetrachloroethylene	ug/kg							
Tetrahydrofuran	ug/kg							
Hexanone, 2-	ug/kg							
Bromomethane	ug/kg							
Bromodichloromethane	ug/kg							
Chloromethane	ug/kg							
Dibromochloromethane	ug/kg							
Methylene Dibromide	ug/kg							
Methylene Chloride	ug/kg							
Bromoform	ug/kg							
Chloroform	ug/kg							
Trichlorofluoromethane	ug/kg							
2-Methylnaphthalene	ug/kg							
Methyl Isobutyl ketone	ug/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-314	SS-315	SS-316	SS-317	SS-318	SS-318	SS-319
	Sample ID	1287383	1287384	1287394	1287395	1287396	1287406	1287397
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	14:15	14:20	14:40	14:45	15:00	15:00	16:00
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-39	13H1103-40	13H1103-41	13H1103-42	13H1103-43	13H1103-44	13H1103-45
Constituent	Units							
2-Chlorophenol	ug/kg							
1,2,3-Trichloropropane	ug/kg							
1,2-Dibromo-3-Chloropropane	ug/kg							
1,3-Dichloropropane	ug/kg							
sec-Dichloropropane	ug/kg							
1,1-Dichloropropene	ug/kg							
trans-1,3-Dichloropropene	ug/kg							
cis-1,3-Dichloropropene	ug/kg							
Styrene	ug/kg							
Toluene	ug/kg							
2,4-Dinitrotoluene	ug/kg							
2,6-Dinitrotoluene	ug/kg							
2-Chlorotoluene	ug/kg							
4-Chlorotoluene	ug/kg							
Trichloroethylene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
2,4-Dimethylphenol	ug/kg							
cis-1,2-Dichloroethylene	ug/kg							
n-Butylbenzene	ug/kg							
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Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	Test Pit 1	Test Pit 2					
	Sample ID	1287349	1287350					
	Sample Date	08/29/2013	08/29/2013					
	Sample Time	08:30	08:50					
	Sample Depth	13'	13'					
	Laboratory	CONT	CONT					
	Lab. Number	13H1143-02	13H1143-03					
Constituent	Units							
Date PCBs Analyzed	-	08/30/2013	08/30/2013					
Date Metals Analyzed	-	09/03/2013	08/30/2013					
Date Organics Analyzed	-	08/30/2013	08/30/2013					
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	09/04/2013	09/04/2013					
Date Semivolatile Organics Analyzed	-	09/05/2013	09/05/2013					
Alachlor	ug/kg							
2,4,5-Trichlorophenoxyacetic acid	ug/kg							
2,4-D	ug/kg							
Dicamba	ug/kg							
Dalapon	ug/kg							
Silvex	ug/kg							
Arsenic	mg/kg	<2.7	<2.7					
Barium	mg/kg	32	36					
Cadmium	mg/kg	<0.27	<0.27					
Chromium, Total	mg/kg	9.3	12					
Copper	mg/kg	12	12					
Lead	mg/kg	6.0	14					
Mercury	mg/kg	<0.027	<0.027					
Nickel	mg/kg	5.5	6.5					
Selenium	mg/kg	<5.4	<5.4					
Silver	mg/kg	<0.54	<0.54					
Zinc	mg/kg	24	30					
Arochlor 1016	ug/kg	<110	<110					
Arochlor 1221	ug/kg	<110	<110					
Arochlor 1232	ug/kg	<110	<110					
Arochlor 1242	ug/kg	<110	<110					
Arochlor 1248	ug/kg	<110	<110					

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	Test Pit 1	Test Pit 2					
	Sample ID	1287349	1287350					
	Sample Date	08/29/2013	08/29/2013					
	Sample Time	08:30	08:50					
	Sample Depth	13'	13'					
	Laboratory	CONT	CONT					
	Lab. Number	13H1143-02	13H1143-03					
Constituent	Units							
Arochlor 1254	ug/kg	<110	<110					
Arochlor 1260	ug/kg	<110	<110					
Arochlor 1262	ug/kg	<110	<110					
Arochlor 1268	ug/kg	<110	<110					
Aldrin	ug/kg							
Hexachlorobenzene	ug/kg	<370	<3000					
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg	<370	<3000					
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Cyanide	mg/kg							

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	Test Pit 1	Test Pit 2					
	Sample ID	1287349	1287350					
	Sample Date	08/29/2013	08/29/2013					
	Sample Time	08:30	08:50					
	Sample Depth	13'	13'					
	Laboratory	CONT	CONT					
	Lab. Number	13H1143-02	13H1143-03					
Constituent	Units							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	82	410					
3,3'-Dichlorobenzidine	ug/kg	<190	<1500					
Acenaphthylene	ug/kg	<190	2000					
Aniline	ug/kg	<370	<3000					
3-Nitroaniline	ug/kg	<370	<3000					
2-Nitroaniline	ug/kg	<370	<3000					
4-Chloroaniline	ug/kg	<720	<5800					
4-Nitroaniline	ug/kg	<370	<3000					
1,2,4,5-Tetrachlorobenzene	ug/kg	<370	<3000					
Benzo[a]anthracene	ug/kg	600	7800					
Benzo[b]fluoranthene	ug/kg	780	9400					
Benzo(a)pyrene	ug/kg	600	7500					
Benzo(g,h,i)perylene	ug/kg	330	3600					
Benzo(k)fluoranthene	ug/kg	300	3400					
Carbazole	ug/kg	<190	<1500					
Chrysene	ug/kg	670	8500					
2-Methyl-4,6-Dinitrophenol	ug/kg	<370 V-	<3000 V-					
3-Methyl-4-Chlorophenol	ug/kg	<720	<5800					
m- & p- Cresol	ug/kg	<370	<3000					
2-Methylphenol	ug/kg	<370	<3000					
Di-n-butyl phthalate	ug/kg	<370	<3000					
Dibenz(a,h)anthracene	ug/kg	<190	<1500					
n-Nitrosodiphenylamine	ug/kg	<370	<3000					
Nitrosodi-n-Propylamine	ug/kg	<370	<3000					
Hexachloroethane	ug/kg	<370	<3000					
4-Bromophenyl-phenylether	ug/kg	<370	<3000					
4-Chlorophenylphenyl ether	ug/kg	<370	<3000					
bis(2-Chloroisopropyl)ether	ug/kg	<370	<3000					

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	Test Pit 1	Test Pit 2					
	Sample ID	1287349	1287350					
	Sample Date	08/29/2013	08/29/2013					
	Sample Time	08:30	08:50					
	Sample Depth	13'	13'					
	Laboratory	CONT	CONT					
	Lab. Number	13H1143-02	13H1143-03					
Constituent	Units							
bis(2-Chloroethyl)ether	ug/kg	<370	<3000					
Fluoranthene	ug/kg	860	16000					
Fluorene	ug/kg	<190	1800					
Indeno(1,2,3-c,d)pyrene	ug/kg	370	3900					
bis(2-Chloroethoxy) Methane	ug/kg	<370	<3000					
Naphthalene	ug/kg	<2.4	<2.0					
Naphthalene	ug/kg	<190	<1500					
2-Chloronaphthalene	ug/kg	<370	<3000					
Phenanthrene	ug/kg	320	13000					
Phenol	ug/kg	<370	<3000					
2,4,5-Trichlorophenol	ug/kg	<370	<3000					
2,4,6-Trichlorophenol	ug/kg	<370	<3000					
2,4-Dichlorophenol	ug/kg	<370	<3000					
2,4-Dinitrophenol	ug/kg	<720 V-	<5800 V-					
2-Nitrophenol	ug/kg	<370	<3000					
p-Nitrophenol	ug/kg	<720	<5800					
Pentachlorophenol	ug/kg	<370	<3000					
Butylbenzylphthalate	ug/kg	<370	<3000					
Diethyl Phthalate	ug/kg	<370	<3000					
Dimethyl Phthalate	ug/kg	<370	<3000					
Di-n-octyl phthalate	ug/kg	<730	<5900					
Pyrene	ug/kg	1100	16000					
Pyridine	ug/kg	<370	<3000					
bis(2-Ethylhexyl)phthalate	ug/kg	<370	<3000					
1,2-Dichloropropane	ug/kg	<1.2	<1.0					
Acenaphthene	ug/kg	<190	<1500					
Acetone	ug/kg	<61 L-	<51 L-					
Acrylonitrile	ug/kg	<3.7	<3.0					

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	Test Pit 1	Test Pit 2					
	Sample ID	1287349	1287350					
	Sample Date	08/29/2013	08/29/2013					
	Sample Time	08:30	08:50					
	Sample Depth	13'	13'					
	Laboratory	CONT	CONT					
	Lab. Number	13H1143-02	13H1143-03					
Constituent	Units							
Anthracene	ug/kg	<190	2400					
Benzene	ug/kg	<1.2	<1.0					
1,2,3-Trichlorobenzene	ug/kg	<1.2	<1.0					
1,2,4-Trichlorobenzene	ug/kg	<1.2	<1.0					
1,2,4-Trichlorobenzene	ug/kg	<370	<3000					
1,2,4-Trimethylbenzene	ug/kg	<1.2	<1.0					
1,2-Dichlorobenzene	ug/kg	<1.2	<1.0					
1,3,5-Trimethylbenzene	ug/kg	<1.2	<1.0					
1,3-Dichlorobenzene	ug/kg	<1.2	<1.0					
1,4-Dichlorobenzene	ug/kg	<1.2	<1.0					
Bromobenzene	ug/kg	<1.2	<1.0					
Chlorobenzene	ug/kg	<1.2	<1.0					
Ethylbenzene	ug/kg	<1.2	<1.0					
Isopropylbenzene (Cumene)	ug/kg	<1.2	<1.0					
Nitrobenzene	ug/kg	<370	<3000					
Pentachloronitrobenzene	ug/kg	<370 V-	<3000 V-					
n-Propylbenzene	ug/kg	<1.2	<1.0					
sec-Butylbenzene	ug/kg	<1.2	<1.0					
tert-Butylbenzene	ug/kg	<1.2	<1.0					
Hexachlorobutadiene	ug/kg	<2.4	<2.0					
Hexachlorobutadiene	ug/kg	<370	<3000					
2-Butanone (MEK)	ug/kg	<24	<20					
trans-1,4-Dichlorobutene	ug/kg	<2.4	<2.0					
Carbon Disulfide	ug/kg	<3.7	<3.0					
Carbon Tetrachloride	ug/kg	<2.4	<2.0					
Isophorone	ug/kg	<370	<3000					
4-Isopropyltoluene	ug/kg	<1.2	<1.0					
Dibenzofuran	ug/kg	<370	<3000					

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	Test Pit 1	Test Pit 2					
	Sample ID	1287349	1287350					
	Sample Date	08/29/2013	08/29/2013					
	Sample Time	08:30	08:50					
	Sample Depth	13'	13'					
	Laboratory	CONT	CONT					
	Lab. Number	13H1143-02	13H1143-03					
Constituent	Units							
Dichlorodifluoromethane	ug/kg	<12 L-	<10 L-					
1,1,1,2-Tetrachloroethane	ug/kg	<1.2	<1.0					
1,1,1-Trichloroethane	ug/kg	<1.2	<1.0					
1,1,2,2-Tetrachloroethane	ug/kg	<0.61	<0.51					
1,1,2-Trichloroethane	ug/kg	<1.2	<1.0					
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<6.1	<5.1					
1,1-Dichloroethane	ug/kg	<1.2	<1.0					
Ethylene Dibromide	ug/kg	<1.2	<1.0					
1,2-Dichloroethane	ug/kg	<1.2	<1.0					
Chloroethane	ug/kg	<12	<10					
Methyl tert-Butyl ether	ug/kg	<2.4	<2.0					
1,1-Dichloroethylene	ug/kg	<2.4	<2.0					
trans-1,2-Dichloroethylene	ug/kg	<1.2	<1.0					
Vinyl Chloride	ug/kg	<6.1	<5.1					
Tetrachloroethylene	ug/kg	<1.2	<1.0					
Tetrahydrofuran	ug/kg	<6.1	<5.1					
Hexanone, 2-	ug/kg	<12	<10					
Bromomethane	ug/kg	<6.1 L-	<5.1 L-					
Bromodichloromethane	ug/kg	<1.2	<1.0					
Chloromethane	ug/kg	<6.1 L-	<5.1 L-					
Dibromochloromethane	ug/kg	<0.61	<0.51					
Methylene Dibromide	ug/kg	<1.2	<1.0					
Methylene Chloride	ug/kg	<12 L-	<10 L-					
Bromoform	ug/kg	<1.2	<1.0					
Chloroform	ug/kg	<2.4	<2.0					
Trichlorofluoromethane	ug/kg	<6.1	<5.1					
2-Methylnaphthalene	ug/kg	<190	<1500					
Methyl Isobutyl ketone	ug/kg	<12	<10					

Table 6-2
SOIL LABORATORY ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	Test Pit 1	Test Pit 2					
	Sample ID	1287349	1287350					
	Sample Date	08/29/2013	08/29/2013					
	Sample Time	08:30	08:50					
	Sample Depth	13'	13'					
	Laboratory	CONT	CONT					
	Lab. Number	13H1143-02	13H1143-03					
Constituent	Units							
2-Chlorophenol	ug/kg	<370	<3000					
1,2,3-Trichloropropane	ug/kg	<1.2	<1.0					
1,2-Dibromo-3-Chloropropane	ug/kg	<2.4	<2.0					
1,3-Dichloropropane	ug/kg	<0.61	<0.51					
sec-Dichloropropane	ug/kg	<1.2	<1.0					
1,1-Dichloropropene	ug/kg	<1.2	<1.0					
trans-1,3-Dichloropropene	ug/kg	<6.1	<5.1					
cis-1,3-Dichloropropene	ug/kg	<2.4	<2.0					
Styrene	ug/kg	<1.2	<1.0					
Toluene	ug/kg	<1.2	<1.0					
2,4-Dinitrotoluene	ug/kg	<370 V-	<3000 V-					
2,6-Dinitrotoluene	ug/kg	<370	<3000					
2-Chlorotoluene	ug/kg	<1.2	<1.0					
4-Chlorotoluene	ug/kg	<1.2	<1.0					
Trichloroethylene	ug/kg	<1.2	<1.0					
o-Xylene	ug/kg	<1.2	<1.0					
Xylenes,m- & p-	ug/kg	<2.4	<2.0					
2,4-Dimethylphenol	ug/kg	<370	<3000					
cis-1,2-Dichloroethylene	ug/kg	<1.2	<1.0					
n-Butylbenzene	ug/kg	<2.4	<2.0					
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Table 6-3
QA/QC SAMPLING AND ANALYTICAL INFORMATION
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	LEAAnalyt. Lab.	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides/ PCBs	Fuels/Oils	Metals	Miscellaneous Analyses
EQUIPMENT	1287357	08/26/2013		BKE								
EQUIPMENT	1287469	08/30/2013		BKE			x		x	x		
EQUIPMENT	1287473	08/30/2013		BKE			x		x	x		
TRIP BLANK	1287358	08/26/2013		BKT		x						
TRIP BLANK	1287352	08/27/2013		BKT		x						
TRIP BLANK	1287334	08/28/2013		BKT		x						
TRIP BLANK	1287344	08/29/2013		BKT		x						
TRIP BLANK	1287472	08/30/2013		BKT		x						

Printed on 11/21/2013

Table 6-4
QA/QC ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	EQUIPMENT	EQUIPMENT	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
	Sample ID	1287469	1287473	1287358	1287352	1287334	1287344	1287472
	Sample Date	08/30/2013	08/30/2013	08/26/2013	08/27/2013	08/28/2013	08/29/2013	08/30/2013
	Sample Time	13:01	13:00	08:30	09:30	09:30	08:38	09:30
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-02	13H1191-01	13H1007-21	13H1034-33	13H1103-15	13H1143-01	13H1191-03
Constituent	Units							
Date PCBs Analyzed	-	09/05/2013	09/05/2013					
Date Organics Analyzed	-			08/29/2013	08/29/2013	08/30/2013	08/30/2013	09/03/2013
Date Physical Analyzed	-	09/09/2013	09/09/2013					
Date Semivolatile Organics Analyzed	-	09/05/2013	09/05/2013					
Arochlor 1016	ug/L	<0.2	<0.2					
Arochlor 1221	ug/L	<0.2	<0.2					
Arochlor 1232	ug/L	<0.2	<0.2					
Arochlor 1242	ug/L	<0.2	<0.2					
Arochlor 1248	ug/L	<0.2	<0.2					
Arochlor 1254	ug/L	<0.2	<0.2					
Arochlor 1260	ug/L	<0.2	<0.2					
Arochlor 1262	ug/L	<0.2	<0.2					
Arochlor 1268	ug/L	<0.2	<0.2					
Hexachlorobenzene	ug/L	<10	<10					
Hexachlorocyclopentadiene	ug/L	<10	<10					
Total Petroleum Hydrocarbons (CT ETPH)	mg/L	<0.075	<0.075					
3,3'-Dichlorobenzidine	ug/L	<10	<10					
Acenaphthylene	ug/L	<5	<5					
Aniline	ug/L	<5	<5					
3-Nitroaniline	ug/L	<10	<10					
2-Nitroaniline	ug/L	<10	<10					
4-Chloroaniline	ug/L	<10	<10					
4-Nitroaniline	ug/L	<10	<10					
1,2,4,5-Tetrachlorobenzene	ug/L	<10	<10					
Benzo[a]anthracene	ug/L	<5	<5					
Benzo[b]fluoranthene	ug/L	<5	<5					
Benzo(a)pyrene	ug/L	<5	<5					
Benzo(g,h,i)perylene	ug/L	<5	<5					
Benzo(k)fluoranthene	ug/L	<5	<5					

Table 6-4
QA/QC ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	EQUIPMENT	EQUIPMENT	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
	Sample ID	1287469	1287473	1287358	1287352	1287334	1287344	1287472
	Sample Date	08/30/2013	08/30/2013	08/26/2013	08/27/2013	08/28/2013	08/29/2013	08/30/2013
	Sample Time	13:01	13:00	08:30	09:30	09:30	08:38	09:30
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-02	13H1191-01	13H1007-21	13H1034-33	13H1103-15	13H1143-01	13H1191-03
Constituent	Units							
Carbazole	ug/L	<10	<10					
Chrysene	ug/L	<5	<5					
2-Methyl-4,6-Dinitrophenol	ug/L	<10	<10					
3-Methyl-4-Chlorophenol	ug/L	<10	<10					
m- & p- Cresol	ug/L	<10	<10					
2-Methylphenol	ug/L	<10	<10					
Di-n-butyl phthalate	ug/L	<10	<10					
Dibenz(a,h)anthracene	ug/L	<5	<5					
n-Nitrosodiphenylamine	ug/L	<10	<10					
Nitrosodi-n-Propylamine	ug/L	<10	<10					
Hexachloroethane	ug/L	<10	<10					
4-Bromophenyl-phenylether	ug/L	<10	<10					
4-Chlorophenylphenyl ether	ug/L	<10	<10					
bis(2-Chloroisopropyl)ether	ug/L	<10	<10					
bis(2-Chloroethyl)ether	ug/L	<10	<10					
Fluoranthene	ug/L	<5	<5					
Fluorene	ug/L	<5	<5					
Indeno(1,2,3-c,d)pyrene	ug/L	<5	<5					
bis(2-Chloroethoxy) Methane	ug/L	<10	<10					
Naphthalene	ug/kg			<4	<4	<4.0	<4.0	<4
Naphthalene	ug/L	<5	<5					
2-Chloronaphthalene	ug/L	<10	<10					
Phenanthrene	ug/L	<5	<5					
Phenol	ug/L	<10	<10					
2,4,5-Trichlorophenol	ug/L	<10	<10					
2,4,6-Trichlorophenol	ug/L	<10	<10					
2,4-Dichlorophenol	ug/L	<10	<10					
2,4-Dinitrophenol	ug/L	<10	<10					
2-Nitrophenol	ug/L	<10	<10					

Table 6-4
QA/QC ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	EQUIPMENT	EQUIPMENT	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
	Sample ID	1287469	1287473	1287358	1287352	1287334	1287344	1287472
	Sample Date	08/30/2013	08/30/2013	08/26/2013	08/27/2013	08/28/2013	08/29/2013	08/30/2013
	Sample Time	13:01	13:00	08:30	09:30	09:30	08:38	09:30
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-02	13H1191-01	13H1007-21	13H1034-33	13H1103-15	13H1143-01	13H1191-03
Constituent	Units							
p-Nitrophenol	ug/L	<10	<10					
Pentachlorophenol	ug/L	<10	<10					
Butylbenzylphthalate	ug/L	<10	<10					
Diethyl Phthalate	ug/L	<10	<10					
Dimethyl Phthalate	ug/L	<10	<10					
Di-n-octyl phthalate	ug/L	<10	<10					
Pyrene	ug/L	<5	<5					
Pyridine	ug/L	<5	<5					
bis(2-Ethylhexyl)phthalate	ug/L	<10	<10					
1,2-Dichloropropane	ug/kg			<2	<2	<2.0	<2.0	<2
Acenaphthene	ug/L	<5	<5					
Acetone	ug/kg			<100	<100	<100 L-	<100 L-	<100
Acrylonitrile	ug/kg			<6	<6	<6.0	<6.0	<6
Anthracene	ug/L	<5	<5					
Benzene	ug/kg			<2	<2	<2.0	<2.0	<2
1,2,3-Trichlorobenzene	ug/kg			<2	<2	<2.0	<2.0	<2
1,2,4-Trichlorobenzene	ug/kg			<2	<2	<2.0	<2.0	<2
1,2,4-Trichlorobenzene	ug/L	<5	<5					
1,2,4-Trimethylbenzene	ug/kg			<2	<2	<2.0	<2.0	<2
1,2-Dichlorobenzene	ug/kg			<2	<2	<2.0	<2.0	<2
1,3,5-Trimethylbenzene	ug/kg			<2	<2	<2.0	<2.0	<2
1,3-Dichlorobenzene	ug/kg			<2	<2	<2.0	<2.0	<2
1,4-Dichlorobenzene	ug/kg			<2	<2	<2.0	<2.0	<2
Bromobenzene	ug/kg			<2	<2	<2.0	<2.0	<2
Chlorobenzene	ug/kg			<2	<2	<2.0	<2.0	<2
Ethylbenzene	ug/kg			<2	<2	<2.0	<2.0	<2
Isopropylbenzene (Cumene)	ug/kg			<2	<2	<2.0	<2.0	<2
Nitrobenzene	ug/L	<10	<10					
Pentachloronitrobenzene	ug/L	<10	<10					

Table 6-4
QA/QC ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	EQUIPMENT	EQUIPMENT	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
	Sample ID	1287469	1287473	1287358	1287352	1287334	1287344	1287472
	Sample Date	08/30/2013	08/30/2013	08/26/2013	08/27/2013	08/28/2013	08/29/2013	08/30/2013
	Sample Time	13:01	13:00	08:30	09:30	09:30	08:38	09:30
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-02	13H1191-01	13H1007-21	13H1034-33	13H1103-15	13H1143-01	13H1191-03
Constituent	Units							
n-Propylbenzene	ug/kg			<2	<2	<2.0	<2.0	<2
sec-Butylbenzene	ug/kg			<2	<2	<2.0	<2.0	<2
tert-Butylbenzene	ug/kg			<2	<2	<2.0	<2.0	<2
Hexachlorobutadiene	ug/kg			<4	<2	<4.0	<4.0	<2
Hexachlorobutadiene	ug/L	<10	<10					
2-Butanone (MEK)	ug/kg			<40	<40	<40	<40	<40
trans-1,4-Dichlorobutene	ug/kg			<4	<4	<4.0	<4.0	<4
Carbon Disulfide	ug/kg			<6	<6	<6.0	<6.0	<6
Carbon Tetrachloride	ug/kg			<4	<2	<4.0	<4.0	<2
Isophorone	ug/L	<10	<10					
4-Isopropyltoluene	ug/kg			<2	<2	<2.0	<2.0	<2
Dibenzofuran	ug/L	<5	<5					
Dichlorodifluoromethane	ug/kg			<20	<20	<20 L-	<20 L-	<20
1,1,1,2-Tetrachloroethane	ug/kg			<2	<2	<2.0	<2.0	<2
1,1,1-Trichloroethane	ug/kg			<2	<2	<2.0	<2.0	<2
1,1,2,2-Tetrachloroethane	ug/kg			<1	<1	<1.0	<1.0	<1
1,1,2-Trichloroethane	ug/kg			<2	<2	<2.0	<2.0	<2
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg			<10	<10	<10	<10	<10
1,1-Dichloroethane	ug/kg			<2	<2	<2.0	<2.0	<2
Ethylene Dibromide	ug/kg			<2	<1	<2.0	<2.0	<1
1,2-Dichloroethane	ug/kg			<2	<2	<2.0	<2.0	<2
Chloroethane	ug/kg			<20	<20	<20	<20	<20
Methyl tert-Butyl ether	ug/kg			<4	<4	<4.0	<4.0	<4
1,1-Dichloroethylene	ug/kg			<4	<4	<4.0	<4.0	<4
trans-1,2-Dichloroethylene	ug/kg			<2	<2	<2.0	<2.0	<2
Vinyl Chloride	ug/kg			<10	<10	<10	<10	<10
Tetrachloroethylene	ug/kg			<2	<2	<2.0	<2.0	<2
Tetrahydrofuran	ug/kg			<10	<10	<10	<10	<10
Hexanone, 2-	ug/kg			<20	<20	<20	<20	<20

Table 6-4
QA/QC ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	EQUIPMENT	EQUIPMENT	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
	Sample ID	1287469	1287473	1287358	1287352	1287334	1287344	1287472
	Sample Date	08/30/2013	08/30/2013	08/26/2013	08/27/2013	08/28/2013	08/29/2013	08/30/2013
	Sample Time	13:01	13:00	08:30	09:30	09:30	08:38	09:30
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-02	13H1191-01	13H1007-21	13H1034-33	13H1103-15	13H1143-01	13H1191-03
Constituent	Units							
Bromomethane	ug/kg			<10	<10	<10 L-	<10 L-	<10
Bromodichloromethane	ug/kg			<2	<2	<2.0	<2.0	<2
Chloromethane	ug/kg			<10	<10	<10 L-	<10 L-	<10
Dibromochloromethane	ug/kg			<1	<1	<1.0	<1.0	<1
Methylene Dibromide	ug/kg			<2	<2	<2.0	<2.0	<2
Methylene Chloride	ug/kg			<20	<20	<20 L-	<20 L-	<20
Bromoform	ug/kg			<2	<4	<2.0	<2.0	<4
Chloroform	ug/kg			<4	<4	<4.0	<4.0	<4
Trichlorofluoromethane	ug/kg			<10	<10	<10	<10	<10
2-Methylnaphthalene	ug/L	<5	<5					
Methyl Isobutyl ketone	ug/kg			<20	<20	<20	<20	<20
2-Chlorophenol	ug/L	<10	<10					
1,2,3-Trichloropropane	ug/kg			<2	<2	<2.0	<2.0	<2
1,2-Dibromo-3-Chloropropane	ug/kg			<4	<2	<4.0	<4.0	<2
1,3-Dichloropropane	ug/kg			<1	<1	<1.0	<1.0	<1
sec-Dichloropropane	ug/kg			<2	<10	<2.0	<2.0	<10
1,1-Dichloropropene	ug/kg			<2	<2	<2.0	<2.0	<2
trans-1,3-Dichloropropene	ug/kg			<10	<1	<10	<10	<1
cis-1,3-Dichloropropene	ug/kg			<4	<1	<4.0	<4.0	<1
Styrene	ug/kg			<2	<2	<2.0	<2.0	<2
Toluene	ug/kg			<2	<2	<2.0	<2.0	<2
2,4-Dinitrotoluene	ug/L	<10	<10					
2,6-Dinitrotoluene	ug/L	<10	<10					
2-Chlorotoluene	ug/kg			<2	<2	<2.0	<2.0	<2
4-Chlorotoluene	ug/kg			<2	<2	<2.0	<2.0	<2
Trichloroethylene	ug/kg			<2	<2	<2.0	<2.0	<2
o-Xylene	ug/kg			<2	<2	<2.0	<2.0	<2
Xylenes,m- & p-	ug/kg			<4	<4	<4.0	<4.0	<4
2,4-Dimethylphenol	ug/L	<10	<10					

Table 6-4
QA/QC ANALYTICAL RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	EQUIPMENT	EQUIPMENT	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
	Sample ID	1287469	1287473	1287358	1287352	1287334	1287344	1287472
	Sample Date	08/30/2013	08/30/2013	08/26/2013	08/27/2013	08/28/2013	08/29/2013	08/30/2013
	Sample Time	13:01	13:00	08:30	09:30	09:30	08:38	09:30
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-02	13H1191-01	13H1007-21	13H1034-33	13H1103-15	13H1143-01	13H1191-03
Constituent	Units							
cis-1,2-Dichloroethylene	ug/kg			<2	<2	<2.0	<2.0	<2
n-Butylbenzene	ug/kg			<4	<2	<4.0	<4.0	<2
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Table 6-5
SOIL FIELD DUPLICATE SAMPLE RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-313	SB-313	RPD (%)	.	SB-314A	SB-314A	RPD (%)
	Sample ID	1287319	1287355	1287473		1287322	1287354	
	Sample Date	08/27/2013	08/27/2013	08/30/2013		08/27/2013	08/27/2013	
	Sample Time	12:10	12:10	13:00		13:20	13:21	
	Sample Depth	0' - 2'	0' - 2'			0' - 2'	0' - 2'	
	Laboratory	CONT	CONT	CONT		CONT	CONT	
	Lab. Number	13H1034-11	13H1034-12	13H1191-01		13H1034-15	13H1034-16	
Constituent	Units							
Date PCBs Analyzed	-	09/05/2013		09/05/2013		08/28/2013	08/28/2013	
Date Metals Analyzed	-	08/29/2013	08/29/2013					
Date Organics Analyzed	-	08/29/2013	08/29/2013					
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	08/30/2013	08/30/2013	09/09/2013		08/30/2013	08/30/2013	
Date Semivolatile Organics Analyzed	-	09/03/2013	09/04/2013	09/05/2013		08/30/2013	08/30/2013	
Alachlor	ug/kg							
Arsenic	mg/kg	<2.8	<2.8					
Barium	mg/kg	53	57	7				
Cadmium	mg/kg	<0.28	0.34					
Chromium, Total	mg/kg	11	13	20				
Copper	mg/kg	12	12	0.00				
Lead	mg/kg	41	27	41				
Mercury	mg/kg	0.049	<0.028					
Nickel	mg/kg	6.4	6.8	6.1				
Selenium	mg/kg	<5.6	<5.6					
Silver	mg/kg	<0.56	<0.56					
Zinc	mg/kg	56	41	31				
Arochlor 1016	ug/kg	<0.2		<0.2		<110	<110	
Arochlor 1221	ug/kg	<0.2		<0.2		<110	<110	
Arochlor 1232	ug/kg	<0.2		<0.2		<110	<110	
Arochlor 1242	ug/kg	<0.2		<0.2		<110	<110	
Arochlor 1248	ug/kg	<0.2		<0.2		<110	<110	
Arochlor 1254	ug/kg	<0.2		<0.2		<110	<110	
Arochlor 1260	ug/kg	<0.2		<0.2		<110	<110	
Arochlor 1262	ug/kg	<0.2		<0.2		<110	<110	
Arochlor 1268	ug/kg	<0.2		<0.2		<110	<110	
Aldrin	ug/kg							

Table 6-5
SOIL FIELD DUPLICATE SAMPLE RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-313	SB-313	RPD (%)	.	SB-314A	SB-314A	RPD (%)
	Sample ID	1287319	1287355	1287473		1287322	1287354	
	Sample Date	08/27/2013	08/27/2013	08/30/2013		08/27/2013	08/27/2013	
	Sample Time	12:10	12:10	13:00		13:20	13:21	
	Sample Depth	0' - 2'	0' - 2'			0' - 2'	0' - 2'	
	Laboratory	CONT	CONT	CONT		CONT	CONT	
	Lab. Number	13H1034-11	13H1034-12	13H1191-01		13H1034-15	13H1034-16	
Constituent	Units							
Hexachlorobenzene	ug/kg	<1600	<7700	<10		<370	<750	
Hexachlorobenzene	ug/kg							
Chlordane	ug/kg							
alpha-Hexachlorocyclohexane	ug/kg							
beta-Hexachlorocyclohexane	ug/kg							
delta-Hexachlorocyclohexane	ug/kg							
Lindane	ug/kg							
Hexachlorocyclopentadiene	ug/kg	<1600	<7700	<10		<370	<750	
Dieldrin	ug/kg							
Endrin	ug/kg							
Endrin aldehyde	ug/kg							
Endrin ketone	ug/kg							
4,4-DDT	ug/kg							
Methoxychlor	ug/kg							
4,4-DDD	ug/kg							
4,4-DDE	ug/kg							
Heptachlor Epoxide	ug/kg							
Heptachlor	ug/kg							
Endosulfan Sulfate	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg							
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg							
Toxaphene	ug/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	180	910	130		58	260	127
3,3'-Dichlorobenzidine	ug/kg	<780	<3800	<10		<190	<370	
Acenaphthylene	ug/kg	1300	<3800	<5		210	390	60.
Aniline	ug/kg	<1600	<7700	<5		<370	<750	
3-Nitroaniline	ug/kg	<1600	<7700	<10		<370	<750	
2-Nitroaniline	ug/kg	<1600	<7700	<10		<370	<750	

Table 6-5
SOIL FIELD DUPLICATE SAMPLE RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-313	SB-313	RPD (%)	.	SB-314A	SB-314A	RPD (%)
	Sample ID	1287319	1287355	1287473		1287322	1287354	
	Sample Date	08/27/2013	08/27/2013	08/30/2013		08/27/2013	08/27/2013	
	Sample Time	12:10	12:10	13:00		13:20	13:21	
	Sample Depth	0' - 2'	0' - 2'			0' - 2'	0' - 2'	
	Laboratory	CONT	CONT	CONT		CONT	CONT	
	Lab. Number	13H1034-11	13H1034-12	13H1191-01		13H1034-15	13H1034-16	
Constituent	Units							
4-Chloroaniline	ug/kg	<3000	<15000	<10		<720	<1500	
4-Nitroaniline	ug/kg	<1600	<7700	<10		<370	<750	
1,2,4,5-Tetrachlorobenzene	ug/kg	<1600	<7700	<10		<370	<750	
Benzo[a]anthracene	ug/kg	7000	20000	100		1000	1800	60
Benzo[b]fluoranthene	ug/kg	7600	18000	81.25		1300	2200	50
Benzo(a)pyrene	ug/kg	6300	17000	92		1100	1700	40
Benzo(g,h,i)perylene	ug/kg	2600	6100	80.		670	750	10
Benzo(k)fluoranthene	ug/kg	2700	6900	88		440	800	60
Carbazole	ug/kg	<780	<3800	<10		<190	<370	
Chrysene	ug/kg	7400	21000	96		1300	2100	50
2-Methyl-4,6-Dinitrophenol	ug/kg	<1600	<7700	<10		<370	<750	
3-Methyl-4-Chlorophenol	ug/kg	<3000	<15000	<10		<720	<1500	
m- & p- Cresol	ug/kg	<1600	<7700	<10		<370	<750	
2-Methylphenol	ug/kg	<1600	<7700	<10		<370	<750	
Di-n-butyl phthalate	ug/kg	<1600	<7700	<10		<370	<750	
Dibenz(a,h)anthracene	ug/kg	840	<3800	<5		210	<370	
n-Nitrosodiphenylamine	ug/kg	<1600	<7700	<10		<370	<750	
Nitrosodi-n-Propylamine	ug/kg	<1600	<7700	<10		<370	<750	
Hexachloroethane	ug/kg	<1600	<7700	<10		<370	<750	
4-Bromophenyl-phenylether	ug/kg	<1600	<7700	<10		<370	<750	
4-Chlorophenylphenyl ether	ug/kg	<1600	<7700	<10		<370	<750	
bis(2-Chloroisopropyl)ether	ug/kg	<1600	<7700	<10		<370	<750	
bis(2-Chloroethyl)ether	ug/kg	<1600	<7700	<10		<370	<750	
Fluoranthene	ug/kg	13000	38000	98		1900	2900	41.67
Fluorene	ug/kg	1100	<3800	<5		<190	<370	
Indeno(1,2,3-c,d)pyrene	ug/kg	2900	7200	85		740	830	10
bis(2-Chloroethoxy) Methane	ug/kg	<1600	<7700	<10		<370	<750	
Naphthalene	ug/kg	<2.6	3.3					

Table 6-5
SOIL FIELD DUPLICATE SAMPLE RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-313	SB-313	RPD (%)	.	SB-314A	SB-314A	RPD (%)
	Sample ID	1287319	1287355	1287473		1287322	1287354	
	Sample Date	08/27/2013	08/27/2013	08/30/2013		08/27/2013	08/27/2013	
	Sample Time	12:10	12:10	13:00		13:20	13:21	
	Sample Depth	0' - 2'	0' - 2'			0' - 2'	0' - 2'	
	Laboratory	CONT	CONT	CONT		CONT	CONT	
	Lab. Number	13H1034-11	13H1034-12	13H1191-01		13H1034-15	13H1034-16	
Constituent	Units							
Naphthalene	ug/kg	<780	<3800	<5		<190	<370	
2-Chloronaphthalene	ug/kg	<1600	<7700	<10		<370	<750	
Phenanthrene	ug/kg	8900	25000	95		990	1300	30
Phenol	ug/kg	<1600	<7700	<10		<370	<750	
2,4,5-Trichlorophenol	ug/kg	<1600	<7700	<10		<370	<750	
2,4,6-Trichlorophenol	ug/kg	<1600	<7700	<10		<370	<750	
2,4-Dichlorophenol	ug/kg	<1600	<7700	<10		<370	<750	
2,4-Dinitrophenol	ug/kg	<3000	<15000	<10		<720	<1500	
2-Nitrophenol	ug/kg	<1600	<7700	<10		<370	<750	
p-Nitrophenol	ug/kg	<3000	<15000	<10		<720	<1500	
Pentachlorophenol	ug/kg	<1600	<7700	<10		<370	<750	
Butylbenzylphthalate	ug/kg	<1600	<7700	<10		<370	<750	
Diethyl Phthalate	ug/kg	<1600	<7700	<10		<370	<750	
Dimethyl Phthalate	ug/kg	<1600	<7700	<10		<370	<750	
Di-n-octyl phthalate	ug/kg	<3100	<15000	<10		<730	<1500	
Pyrene	ug/kg	16000	35000	75		2500	3600	36
Pyridine	ug/kg	<1600	<7700	<5		<370	<750	
bis(2-Ethylhexyl)phthalate	ug/kg	<1600	<7700	<10		<370	<750	
1,2-Dichloropropane	ug/kg	<1.3	<1.1					
Acenaphthene	ug/kg	<780	<3800	<5		<190	<370	
Acetone	ug/kg	<64	<56					
Acrylonitrile	ug/kg	<3.9	<3.3					
Anthracene	ug/kg	1800	4400	84		<190	<370	
Benzene	ug/kg	<1.3	<1.1					
1,2,3-Trichlorobenzene	ug/kg	<1.3	<1.1					
1,2,4-Trichlorobenzene	ug/kg	<1.3	<1.1					
1,2,4-Trichlorobenzene	ug/kg	<1600	<7700	<5		<370	<750	
1,2,4-Trimethylbenzene	ug/kg	<1.3	<1.1					

Table 6-5
SOIL FIELD DUPLICATE SAMPLE RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-313	SB-313	RPD (%)	.	SB-314A	SB-314A	RPD (%)
	Sample ID	1287319	1287355	1287473		1287322	1287354	
	Sample Date	08/27/2013	08/27/2013	08/30/2013		08/27/2013	08/27/2013	
	Sample Time	12:10	12:10	13:00		13:20	13:21	
	Sample Depth	0' - 2'	0' - 2'			0' - 2'	0' - 2'	
	Laboratory	CONT	CONT	CONT		CONT	CONT	
	Lab. Number	13H1034-11	13H1034-12	13H1191-01		13H1034-15	13H1034-16	
Constituent	Units							
1,2-Dichlorobenzene	ug/kg	<1.3	<1.1					
1,3,5-Trimethylbenzene	ug/kg	<1.3	<1.1					
1,3-Dichlorobenzene	ug/kg	<1.3	<1.1					
1,4-Dichlorobenzene	ug/kg	<1.3	<1.1					
Bromobenzene	ug/kg	<1.3	<1.1					
Chlorobenzene	ug/kg	<1.3	<1.1					
Ethylbenzene	ug/kg	<1.3	<1.1					
Isopropylbenzene (Cumene)	ug/kg	<1.3	<1.1					
Nitrobenzene	ug/kg	<1600	<7700	<10		<370	<750	
Pentachloronitrobenzene	ug/kg	<1600	<7700	<10		<370	<750	
n-Propylbenzene	ug/kg	<1.3	<1.1					
sec-Butylbenzene	ug/kg	<1.3	<1.1					
tert-Butylbenzene	ug/kg	<1.3	<1.1					
Hexachlorobutadiene	ug/kg	<1.3	<1.1					
Hexachlorobutadiene	ug/kg	<1600	<7700	<10		<370	<750	
2-Butanone (MEK)	ug/kg	<26	<22					
trans-1,4-Dichlorobutene	ug/kg	<2.6	<2.2					
Carbon Disulfide	ug/kg	<3.9	<3.3					
Carbon Tetrachloride	ug/kg	<1.3	<1.1					
Isophorone	ug/kg	<1600	<7700	<10		<370	<750	
4-Isopropyltoluene	ug/kg	<1.3	<1.1					
Dibenzofuran	ug/kg	<1600	<7700	<5		<370	<750	
Dichlorodifluoromethane	ug/kg	<13	<11					
1,1,1,2-Tetrachloroethane	ug/kg	<1.3	<1.1					
1,1,1-Trichloroethane	ug/kg	<1.3	<1.1					
1,1,2,2-Tetrachloroethane	ug/kg	<0.64	<0.56					
1,1,2-Trichloroethane	ug/kg	<1.3	<1.1					
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg	<6.4	<5.6					

Table 6-5
SOIL FIELD DUPLICATE SAMPLE RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-313	SB-313	RPD (%)	.	SB-314A	SB-314A	RPD (%)
	Sample ID	1287319	1287355	1287473		1287322	1287354	
	Sample Date	08/27/2013	08/27/2013	08/30/2013		08/27/2013	08/27/2013	
	Sample Time	12:10	12:10	13:00		13:20	13:21	
	Sample Depth	0' - 2'	0' - 2'			0' - 2'	0' - 2'	
	Laboratory	CONT	CONT	CONT		CONT	CONT	
	Lab. Number	13H1034-11	13H1034-12	13H1191-01		13H1034-15	13H1034-16	
Constituent	Units							
1,1-Dichloroethane	ug/kg	<1.3	<1.1					
Ethylene Dibromide	ug/kg	<0.64	<0.56					
1,2-Dichloroethane	ug/kg	<1.3	<1.1					
Chloroethane	ug/kg	<13	<11					
Methyl tert-Butyl ether	ug/kg	<2.6	<2.2					
1,1-Dichloroethylene	ug/kg	<2.6	<2.2					
trans-1,2-Dichloroethylene	ug/kg	<1.3	<1.1					
Vinyl Chloride	ug/kg	<6.4	<5.6					
Tetrachloroethylene	ug/kg	<1.3	<1.1					
Tetrahydrofuran	ug/kg	<6.4	<5.6					
Hexanone, 2-	ug/kg	<13	<11					
Bromomethane	ug/kg	<6.4	<5.6					
Bromodichloromethane	ug/kg	<1.3	<1.1					
Chloromethane	ug/kg	<6.4	<5.6					
Dibromochloromethane	ug/kg	<0.64	<0.56					
Methylene Dibromide	ug/kg	<1.3	<1.1					
Methylene Chloride	ug/kg	<13	<11					
Bromoform	ug/kg	<2.6	<2.2					
Chloroform	ug/kg	<2.6	<2.2					
Trichlorofluoromethane	ug/kg	<6.4	<5.6					
2-Methylnaphthalene	ug/kg	<780	<3800	<5		<190	<370	
Methyl Isobutyl ketone	ug/kg	<13	<11					
2-Chlorophenol	ug/kg	<1600	<7700	<10		<370	<750	
1,2,3-Trichloropropane	ug/kg	<1.3	<1.1					
1,2-Dibromo-3-Chloropropane	ug/kg	<1.3	<1.1					
1,3-Dichloropropane	ug/kg	<0.64	<0.56					
sec-Dichloropropane	ug/kg	<6.4	<5.6					
1,1-Dichloropropene	ug/kg	<1.3	<1.1					

Table 6-5
SOIL FIELD DUPLICATE SAMPLE RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-313	SB-313	RPD (%)	.	SB-314A	SB-314A	RPD (%)
	Sample ID	1287319	1287355	1287473		1287322	1287354	
	Sample Date	08/27/2013	08/27/2013	08/30/2013		08/27/2013	08/27/2013	
	Sample Time	12:10	12:10	13:00		13:20	13:21	
	Sample Depth	0' - 2'	0' - 2'			0' - 2'	0' - 2'	
	Laboratory	CONT	CONT	CONT		CONT	CONT	
	Lab. Number	13H1034-11	13H1034-12	13H1191-01		13H1034-15	13H1034-16	
Constituent	Units							
trans-1,3-Dichloropropene	ug/kg	<0.64	<0.56					
cis-1,3-Dichloropropene	ug/kg	<0.64	<0.56					
Styrene	ug/kg	<1.3	<1.1					
Toluene	ug/kg	<1.3	<1.1					
2,4-Dinitrotoluene	ug/kg	<1600	<7700	<10		<370	<750	
2,6-Dinitrotoluene	ug/kg	<1600	<7700	<10		<370	<750	
2-Chlorotoluene	ug/kg	<1.3	<1.1					
4-Chlorotoluene	ug/kg	<1.3	<1.1					
Trichloroethylene	ug/kg	<1.3	<1.1					
o-Xylene	ug/kg	<1.3	<1.1					
Xylenes,m- & p-	ug/kg	<2.6	<2.2					
2,4-Dimethylphenol	ug/kg	<1600	<7700	<10		<370	<750	
cis-1,2-Dichloroethylene	ug/kg	<1.3	<1.1					
n-Butylbenzene	ug/kg	<1.3	<1.1					
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Table 6-5
SOIL FIELD DUPLICATE SAMPLE RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-339	SB-339	RPD (%)	.	SS-318	SS-318	RPD (%)
	Sample ID	1287451	1287455			1287396	1287406	
	Sample Date	08/30/2013	08/30/2013			08/28/2013	08/28/2013	
	Sample Time	12:20	12:20			15:00	15:00	
	Sample Depth	0' - 2'	0' - 2'			0-0.5'	0-0.5'	
	Laboratory	CONT	CONT			CONT	CONT	
	Lab. Number	13H1191-09	13H1191-05			13H1103-43	13H1103-44	
Constituent	Units							
Date PCBs Analyzed	-	09/05/2013	09/05/2013					
Date Metals Analyzed	-					08/30/2013	08/30/2013	
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-					09/03/2013	09/03/2013	
Date Physical Analyzed	-	09/05/2013	09/05/2013					
Date Semivolatile Organics Analyzed	-	09/06/2013	09/06/2013					
Alachlor	ug/kg					<24	<24	
Arsenic	mg/kg					3.6	4.1	13
Barium	mg/kg					66	71	7
Cadmium	mg/kg					0.73	0.79	7.9
Chromium, Total	mg/kg					16	16	0.00
Copper	mg/kg					140	180	30
Lead	mg/kg					1100	1700	40
Mercury	mg/kg					0.070	0.099	34.3
Nickel	mg/kg					7.9	8.1	2.5
Selenium	mg/kg					<5.9	<5.9	
Silver	mg/kg					<0.59	<0.59	
Zinc	mg/kg					460	500	0.00
Arochlor 1016	ug/kg	<100	<110					
Arochlor 1221	ug/kg	<100	<110					
Arochlor 1232	ug/kg	<100	<110					
Arochlor 1242	ug/kg	<100	<110					
Arochlor 1248	ug/kg	<100	<110					
Arochlor 1254	ug/kg	<100	<110					
Arochlor 1260	ug/kg	<100	<110					
Arochlor 1262	ug/kg	<100	<110					
Arochlor 1268	ug/kg	<100	<110					
Aldrin	ug/kg					<6.0	<6.1	

Table 6-5
SOIL FIELD DUPLICATE SAMPLE RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-339	SB-339	RPD (%)	.	SS-318	SS-318	RPD (%)
	Sample ID	1287451	1287455			1287396	1287406	
	Sample Date	08/30/2013	08/30/2013			08/28/2013	08/28/2013	
	Sample Time	12:20	12:20			15:00	15:00	
	Sample Depth	0' - 2'	0' - 2'			0-0.5'	0-0.5'	
	Laboratory	CONT	CONT			CONT	CONT	
	Lab. Number	13H1191-09	13H1191-05			13H1103-43	13H1103-44	
Constituent	Units							
Hexachlorobenzene	ug/kg	<360	<380					
Hexachlorobenzene	ug/kg					<7.2	<7.3	
Chlordane	ug/kg					28	37	30
alpha-Hexachlorocyclohexane	ug/kg					<6.0	<6.1	
beta-Hexachlorocyclohexane	ug/kg					<6.0	<6.1	
delta-Hexachlorocyclohexane	ug/kg					<6.0	<6.1	
Lindane	ug/kg					<2.4	<2.4	
Hexachlorocyclopentadiene	ug/kg	<360	<380					
Dieldrin	ug/kg					<4.8	<4.9	
Endrin	ug/kg					<9.6	<9.8	
Endrin aldehyde	ug/kg					<9.6	<9.8	
Endrin ketone	ug/kg					<9.6	<9.8	
4,4-DDT	ug/kg					8.3 P-	8.7 P-	4.71
Methoxychlor	ug/kg					<60	<61	
4,4-DDD	ug/kg					<4.8	<4.9	
4,4-DDE	ug/kg					<4.8	<4.9	
Heptachlor Epoxide	ug/kg					<6.0	<6.1	
Heptachlor	ug/kg					<6.0	<6.1	
Endosulfan Sulfate	ug/kg					<9.6	<9.8	
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, endo-	ug/kg					<6.0	<6.1	
Norbornene-2,3-dimethanol,hexachloro-5-, cyclic Sulfite, exo-	ug/kg					<9.6	<9.8	
Toxaphene	ug/kg					<120	<120	
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	18	25	30				
3,3'-Dichlorobenzidine	ug/kg	<180	<190					
Acenaphthylene	ug/kg	<180	<190					
Aniline	ug/kg	<360	<380					
3-Nitroaniline	ug/kg	<360	<380					
2-Nitroaniline	ug/kg	<360	<380					

Table 6-5
SOIL FIELD DUPLICATE SAMPLE RESULTS
Former Mystic Oral School for the Deaf

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	Location ID	SB-339	SB-339	RPD (%)	.	SS-318	SS-318	RPD (%)
	Sample ID	1287451	1287455			1287396	1287406	
	Sample Date	08/30/2013	08/30/2013			08/28/2013	08/28/2013	
	Sample Time	12:20	12:20			15:00	15:00	
	Sample Depth	0' - 2'	0' - 2'			0-0.5'	0-0.5'	
	Laboratory	CONT	CONT			CONT	CONT	
	Lab. Number	13H1191-09	13H1191-05			13H1103-43	13H1103-44	
Constituent	Units							
4-Chloroaniline	ug/kg	<700	<730					
4-Nitroaniline	ug/kg	<360	<380					
1,2,4,5-Tetrachlorobenzene	ug/kg	<360	<380					
Benzo[a]anthracene	ug/kg	<180	<190					
Benzo[b]fluoranthene	ug/kg	<180	<190					
Benzo(a)pyrene	ug/kg	<180	<190					
Benzo(g,h,i)perylene	ug/kg	<180	<190					
Benzo(k)fluoranthene	ug/kg	<180	<190					
Carbazole	ug/kg	<180	<190					
Chrysene	ug/kg	<180	<190					
2-Methyl-4,6-Dinitrophenol	ug/kg	<360	<380					
3-Methyl-4-Chlorophenol	ug/kg	<700	<730					
m- & p- Cresol	ug/kg	<360	<380					
2-Methylphenol	ug/kg	<360	<380					
Di-n-butyl phthalate	ug/kg	<360	<380					
Dibenz(a,h)anthracene	ug/kg	<180	<190					
n-Nitrosodiphenylamine	ug/kg	<360	<380					
Nitrosodi-n-Propylamine	ug/kg	<360	<380					
Hexachloroethane	ug/kg	<360	<380					
4-Bromophenyl-phenylether	ug/kg	<360	<380					
4-Chlorophenylphenyl ether	ug/kg	<360	<380					
bis(2-Chloroisopropyl)ether	ug/kg	<360	<380					
bis(2-Chloroethyl)ether	ug/kg	<360	<380					
Fluoranthene	ug/kg	<180	<190					
Fluorene	ug/kg	<180	<190					
Indeno(1,2,3-c,d)pyrene	ug/kg	<180	<190					
bis(2-Chloroethoxy) Methane	ug/kg	<360	<380					
Naphthalene	ug/kg							

Table 6-5
SOIL FIELD DUPLICATE SAMPLE RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-339	SB-339	RPD (%)	.	SS-318	SS-318	RPD (%)
	Sample ID	1287451	1287455			1287396	1287406	
	Sample Date	08/30/2013	08/30/2013			08/28/2013	08/28/2013	
	Sample Time	12:20	12:20			15:00	15:00	
	Sample Depth	0' - 2'	0' - 2'			0-0.5'	0-0.5'	
	Laboratory	CONT	CONT			CONT	CONT	
	Lab. Number	13H1191-09	13H1191-05			13H1103-43	13H1103-44	
Constituent	Units							
Naphthalene	ug/kg	<180	<190					
2-Chloronaphthalene	ug/kg	<360	<380					
Phenanthrene	ug/kg	<180	<190					
Phenol	ug/kg	<360	<380					
2,4,5-Trichlorophenol	ug/kg	<360	<380					
2,4,6-Trichlorophenol	ug/kg	<360	<380					
2,4-Dichlorophenol	ug/kg	<360	<380					
2,4-Dinitrophenol	ug/kg	<700	<730					
2-Nitrophenol	ug/kg	<360	<380					
p-Nitrophenol	ug/kg	<700	<730					
Pentachlorophenol	ug/kg	<360	<380					
Butylbenzylphthalate	ug/kg	<360	<380					
Diethyl Phthalate	ug/kg	<360	<380					
Dimethyl Phthalate	ug/kg	<360	<380					
Di-n-octyl phthalate	ug/kg	<710	<750					
Pyrene	ug/kg	<180	200					
Pyridine	ug/kg	<360	<380					
bis(2-Ethylhexyl)phthalate	ug/kg	<360	<380					
1,2-Dichloropropane	ug/kg							
Acenaphthene	ug/kg	<180	<190					
Acetone	ug/kg							
Acrylonitrile	ug/kg							
Anthracene	ug/kg	<180	<190					
Benzene	ug/kg							
1,2,3-Trichlorobenzene	ug/kg							
1,2,4-Trichlorobenzene	ug/kg							
1,2,4-Trichlorobenzene	ug/kg	<360	<380					
1,2,4-Trimethylbenzene	ug/kg							

Table 6-5
SOIL FIELD DUPLICATE SAMPLE RESULTS
Former Mystic Oral School for the Deaf

Loureiro
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	Location ID	SB-339	SB-339	RPD (%)	.	SS-318	SS-318	RPD (%)
	Sample ID	1287451	1287455			1287396	1287406	
	Sample Date	08/30/2013	08/30/2013			08/28/2013	08/28/2013	
	Sample Time	12:20	12:20			15:00	15:00	
	Sample Depth	0' - 2'	0' - 2'			0-0.5'	0-0.5'	
	Laboratory	CONT	CONT			CONT	CONT	
	Lab. Number	13H1191-09	13H1191-05			13H1103-43	13H1103-44	
Constituent	Units							
1,2-Dichlorobenzene	ug/kg							
1,3,5-Trimethylbenzene	ug/kg							
1,3-Dichlorobenzene	ug/kg							
1,4-Dichlorobenzene	ug/kg							
Bromobenzene	ug/kg							
Chlorobenzene	ug/kg							
Ethylbenzene	ug/kg							
Isopropylbenzene (Cumene)	ug/kg							
Nitrobenzene	ug/kg	<360	<380					
Pentachloronitrobenzene	ug/kg	<360	<380					
n-Propylbenzene	ug/kg							
sec-Butylbenzene	ug/kg							
tert-Butylbenzene	ug/kg							
Hexachlorobutadiene	ug/kg							
Hexachlorobutadiene	ug/kg	<360	<380					
2-Butanone (MEK)	ug/kg							
trans-1,4-Dichlorobutene	ug/kg							
Carbon Disulfide	ug/kg							
Carbon Tetrachloride	ug/kg							
Isophorone	ug/kg	<360	<380					
4-Isopropyltoluene	ug/kg							
Dibenzofuran	ug/kg	<360	<380					
Dichlorodifluoromethane	ug/kg							
1,1,1,2-Tetrachloroethane	ug/kg							
1,1,1-Trichloroethane	ug/kg							
1,1,2,2-Tetrachloroethane	ug/kg							
1,1,2-Trichloroethane	ug/kg							
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg							

Table 6-5
SOIL FIELD DUPLICATE SAMPLE RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-339	SB-339	RPD (%)	.	SS-318	SS-318	RPD (%)
	Sample ID	1287451	1287455			1287396	1287406	
	Sample Date	08/30/2013	08/30/2013			08/28/2013	08/28/2013	
	Sample Time	12:20	12:20			15:00	15:00	
	Sample Depth	0' - 2'	0' - 2'			0-0.5'	0-0.5'	
	Laboratory	CONT	CONT			CONT	CONT	
	Lab. Number	13H1191-09	13H1191-05			13H1103-43	13H1103-44	
Constituent	Units							
1,1-Dichloroethane	ug/kg							
Ethylene Dibromide	ug/kg							
1,2-Dichloroethane	ug/kg							
Chloroethane	ug/kg							
Methyl tert-Butyl ether	ug/kg							
1,1-Dichloroethylene	ug/kg							
trans-1,2-Dichloroethylene	ug/kg							
Vinyl Chloride	ug/kg							
Tetrachloroethylene	ug/kg							
Tetrahydrofuran	ug/kg							
Hexanone, 2-	ug/kg							
Bromomethane	ug/kg							
Bromodichloromethane	ug/kg							
Chloromethane	ug/kg							
Dibromochloromethane	ug/kg							
Methylene Dibromide	ug/kg							
Methylene Chloride	ug/kg							
Bromoform	ug/kg							
Chloroform	ug/kg							
Trichlorofluoromethane	ug/kg							
2-Methylnaphthalene	ug/kg	<180	<190					
Methyl Isobutyl ketone	ug/kg							
2-Chlorophenol	ug/kg	<360	<380					
1,2,3-Trichloropropane	ug/kg							
1,2-Dibromo-3-Chloropropane	ug/kg							
1,3-Dichloropropane	ug/kg							
sec-Dichloropropane	ug/kg							
1,1-Dichloropropene	ug/kg							

Table 6-5
SOIL FIELD DUPLICATE SAMPLE RESULTS
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-339	SB-339	RPD (%)	.	SS-318	SS-318	RPD (%)
	Sample ID	1287451	1287455			1287396	1287406	
	Sample Date	08/30/2013	08/30/2013			08/28/2013	08/28/2013	
	Sample Time	12:20	12:20			15:00	15:00	
	Sample Depth	0' - 2'	0' - 2'			0-0.5'	0-0.5'	
	Laboratory	CONT	CONT			CONT	CONT	
	Lab. Number	13H1191-09	13H1191-05			13H1103-43	13H1103-44	
Constituent	Units							
trans-1,3-Dichloropropene	ug/kg							
cis-1,3-Dichloropropene	ug/kg							
Styrene	ug/kg							
Toluene	ug/kg							
2,4-Dinitrotoluene	ug/kg	<360	<380					
2,6-Dinitrotoluene	ug/kg	<360	<380					
2-Chlorotoluene	ug/kg							
4-Chlorotoluene	ug/kg							
Trichloroethylene	ug/kg							
o-Xylene	ug/kg							
Xylenes,m- & p-	ug/kg							
2,4-Dimethylphenol	ug/kg	<360	<380					
cis-1,2-Dichloroethylene	ug/kg							
n-Butylbenzene	ug/kg							
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Table 7-1
CONSTITUENTS DETECTED IN SOIL AT CONCENTRATIONS ABOVE THE RDEC
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-008	SB-015	SB-023	SB-038	SB-040	SB-040	SB-040
	Sample ID	1273782	1273802	1273805	1273867	1273811	1273811	1273812
	Sample Date	01/24/2013	01/25/2013	01/25/2013	01/29/2013	01/25/2013	01/25/2013	01/25/2013
	Sample Time	15:10	15:50	11:05	14:37	13:20	13:20	13:25
	Sample Depth	0.5' - 2.0'	0' - 2'	0.0' - 0.5'	0' - 2'	0.0' - 0.5'	0.0' - 0.5'	0.5' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-53	13A0687-39	13A0687-03	13A0745-07	13A0687-09	13A0687-09RE1	13A0687-10
Constituent	Units							
Date Metals Analyzed	-			02/01/2013				
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	01/30/2013			02/06/2013			
Date Semivolatile Organics Analyzed	-	01/31/2013	01/31/2013	01/31/2013		01/31/2013	01/31/2013	01/31/2013
Arsenic	mg/kg							
Copper	mg/kg							
Lead	mg/kg			610				
Chlordane	ug/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	1000			570			
Benzo[a]anthracene	ug/kg	2200		4700		5300	5300	1400
Benzo[b]fluoranthene	ug/kg	6200	1100	4400		4400		2500
Benzo(a)pyrene	ug/kg	4100		3400		3600		1700
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Table 7-1
CONSTITUENTS DETECTED IN SOIL AT CONCENTRATIONS ABOVE THE RDEC
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-041	SB-042	SB-303	SB-309	SB-309	SB-310	SB-312A
	Sample ID	1273813	1273824	1287295	1287309	1287310	1287313	1287316
	Sample Date	01/25/2013	01/25/2013	08/26/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	13:45	15:00	12:38	10:05	10:10	10:40	11:35
	Sample Depth	0.0' - 0.5'	0.0' - 2.5'	0' - 4'	0' - 2'	2' - 4'	2' - 4'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-11	13A0687-22	13H1007-07	13H1034-01	13H1034-02	13H1034-05	13H1034-08
Constituent	Units							
Date Metals Analyzed	-			08/28/2013				
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-				08/30/2013	08/30/2013		08/30/2013
Date Semivolatile Organics Analyzed	-	01/31/2013	01/31/2013		08/30/2013	08/30/2013	08/30/2013	08/30/2013
Arsenic	mg/kg			11				
Copper	mg/kg							
Lead	mg/kg							
Chlordane	ug/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg				710	750		920
Benzo[a]anthracene	ug/kg	1600	1400		2400	7200		6400
Benzo[b]fluoranthene	ug/kg	2000	1800		2800	7300	1100	7700
Benzo(a)pyrene	ug/kg	1500	1600		2200	6200		6300
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Table 7-1
CONSTITUENTS DETECTED IN SOIL AT CONCENTRATIONS ABOVE THE RDEC
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-313	SB-313	SB-313	SB-313	SB-313	SB-314A	SB-314A
	Sample ID	1287319	1287319	1287355	1287355	1287320	1287322	1287354
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	12:10	12:10	12:10	12:10	12:30	13:20	13:21
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	4' - 6'	0' - 2'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-11	13H1034-11RE1	13H1034-12	13H1034-12RE1	13I0179-01	13H1034-15	13H1034-16
Constituent	Units							
Date Metals Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-			08/30/2013		09/11/2013		
Date Semivolatile Organics Analyzed	-	08/30/2013	09/03/2013	08/30/2013	09/04/2013	09/11/2013	08/30/2013	08/30/2013
Arsenic	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Chlordane	ug/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg			910		790		
Benzo[a]anthracene	ug/kg	7000	7000	17000	20000	1600		1800
Benzo[b]fluoranthene	ug/kg	7400	7600	16000	18000	2000	1300	2200
Benzo(a)pyrene	ug/kg	6200	6300	13000	17000	1400	1100	1700
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Table 7-1
CONSTITUENTS DETECTED IN SOIL AT CONCENTRATIONS ABOVE THE RDEC
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-314A	SB-316A	SB-333	SB-333	SB-333	SB-333	SB-333
	Sample ID	1287323	1287363	1287447	1287448	1287448	1287450	1287450
	Sample Date	08/27/2013	08/27/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
	Sample Time	13:25	14:10	10:25	10:30	10:30	10:40	10:40
	Sample Depth	2' - 4'	0' - 2'	0' - 2'	2' - 4'	2' - 4'	6' - 8'	6' - 8'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-17	13H1034-22	13H1191-13	13H1191-12	13H1191-12RE1	13H1191-10	13H1191-10RE1
Constituent	Units							
Date Metals Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-	08/30/2013	08/30/2013	09/06/2013	09/06/2013	09/06/2013	09/06/2013	09/06/2013
Arsenic	mg/kg							
Copper	mg/kg							
Lead	mg/kg							
Chlordane	ug/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg							
Benzo[a]anthracene	ug/kg	1100		1600	5600	5700	4600	4900
Benzo[b]fluoranthene	ug/kg	1600	1100	2100	6500	5500	4600	4400
Benzo(a)pyrene	ug/kg	1300		1600	4700	4600	3500	3900
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Table 7-1
CONSTITUENTS DETECTED IN SOIL AT CONCENTRATIONS ABOVE THE RDEC
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-03	SS-07	SS-08	SS-08	SS-09	SS-14	SS-18
	Sample ID	1273763	1273741	1273742	1273742	1273743	1273784	1273788
	Sample Date	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	11:13	09:50	09:55	09:55	10:00	13:35	14:06
	Sample Depth	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-16	13A0643-19	13A0643-20	13A0643-20RE1	13A0643-21	13A0643-09	13A0643-05
Constituent	Units							
Date Metals Analyzed	-						01/30/2013	01/30/2013
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-	01/29/2013	01/30/2013	01/29/2013	01/30/2013	01/29/2013		
Arsenic	mg/kg							
Copper	mg/kg							
Lead	mg/kg						470	730
Chlordane	ug/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg							
Benzo[a]anthracene	ug/kg		1200	9400	10000	2400		
Benzo[b]fluoranthene	ug/kg	1200	1400	9900	11000	3000		
Benzo(a)pyrene	ug/kg		1200	7300	8400	2200		
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Table 7-1
CONSTITUENTS DETECTED IN SOIL AT CONCENTRATIONS ABOVE THE RDEC
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-19	SS-300	SS-301	SS-303	SS-306	SS-307	SS-309
	Sample ID	1273789	1287377	1287378	1287380	1287387	1287388	1287390
	Sample Date	01/24/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	14:15	11:45	11:55	12:05	13:15	13:20	13:35
	Sample Depth	0' - 0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-04	13H1103-25	13H1103-26	13H1103-28	13H1103-31	13H1103-32	13H1103-34
Constituent	Units							
Date Metals Analyzed	-	01/30/2013			08/30/2013	08/30/2013	08/30/2013	08/30/2013
Date Pesticides/Herbicides Analyzed	-		09/03/2013	09/03/2013				
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/kg							
Copper	mg/kg						3300	
Lead	mg/kg	570			2000	2500	10000	410
Chlordane	ug/kg		66000	11000 V-				
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg							
Benzo[a]anthracene	ug/kg							
Benzo[b]fluoranthene	ug/kg							
Benzo(a)pyrene	ug/kg							
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Table 7-1
CONSTITUENTS DETECTED IN SOIL AT CONCENTRATIONS ABOVE THE RDEC
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-310	SS-311	SS-312	SS-313	SS-314	SS-315	SS-316
	Sample ID	1287391	1287392	1287393	1287382	1287383	1287384	1287394
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013
	Sample Time	13:40	14:00	14:05	14:10	14:15	14:20	14:40
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1103-35	13H1103-36	13H1103-37	13H1103-38	13H1103-39	13H1103-40	13H1103-41
Constituent	Units							
Date Metals Analyzed	-	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							
Arsenic	mg/kg					15		
Copper	mg/kg							
Lead	mg/kg	530	1800	1200	530	840	480	1100
Chlordane	ug/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg							
Benzo[a]anthracene	ug/kg							
Benzo[b]fluoranthene	ug/kg							
Benzo(a)pyrene	ug/kg							
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Table 7-1
CONSTITUENTS DETECTED IN SOIL AT CONCENTRATIONS ABOVE THE RDEC
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-317	SS-318	SS-318	SS-319	Test Pit 2		
	Sample ID	1287395	1287396	1287406	1287397	1287350		
	Sample Date	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/29/2013		
	Sample Time	14:45	15:00	15:00	16:00	08:50		
	Sample Depth	0-0.5'	0-0.5'	0-0.5'	0-0.5'	13'		
	Laboratory	CONT	CONT	CONT	CONT	CONT		
	Lab. Number	13H1103-42	13H1103-43	13H1103-44	13H1103-45	13H1143-03		
Constituent	Units							
Date Metals Analyzed	-	08/30/2013	08/30/2013	08/30/2013				
Date Pesticides/Herbicides Analyzed	-				08/31/2013			
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-					09/05/2013		
Arsenic	mg/kg							
Copper	mg/kg							
Lead	mg/kg	660	1100	1700				
Chlordane	ug/kg				350000			
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg							
Benzo[a]anthracene	ug/kg					7800		
Benzo[b]fluoranthene	ug/kg					9400		
Benzo(a)pyrene	ug/kg					7500		
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Table 7-2
CONSTITUENTS DETECTED IN SOIL AT CONCENTRATIONS ABOVE THE GA PMC
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-002	SB-008	SB-015	SB-023	SB-023	SB-038	SB-040
	Sample ID	1270649	1273782	1273802	1273805	1273805	1273867	1273811
	Sample Date	01/24/2013	01/24/2013	01/25/2013	01/25/2013	01/25/2013	01/29/2013	01/25/2013
	Sample Time	13:10	15:10	15:50	11:05	11:05	14:37	13:20
	Sample Depth	0' - 0.5'	0.5' - 2.0'	0' - 2'	0.0' - 0.5'	0.0' - 0.5'	0' - 2'	0.0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-11	13A0643-53	13A0687-39	13A0687-03	13A0687-03RE1	13A0745-07	13A0687-09
Constituent	Units							
Date Organics Analyzed	-	01/31/2013						
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-		01/30/2013				02/06/2013	
Date Semivolatile Organics Analyzed	-		01/31/2013	01/31/2013	01/31/2013	01/31/2013		01/31/2013
Chlordane	ug/kg							
Dieldrin	ug/kg							
Heptachlor Epoxide	ug/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg		1000				570	
Benzo[a]anthracene	ug/kg		2200		4700			5300
Benzo[b]fluoranthene	ug/kg		6200	1100	4400			4400
Benzo(a)pyrene	ug/kg		4100		3400			3600
Benzo(k)fluoranthene	ug/kg		2200		1500			1600
Fluoranthene	ug/kg				8000			
Phenanthrene	ug/kg					10000		
Pyrene	ug/kg				7700			
Acetone	ug/kg	22000						
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Table 7-2
CONSTITUENTS DETECTED IN SOIL AT CONCENTRATIONS ABOVE THE GA PMC
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-040	SB-040	SB-041	SB-042	SB-309	SB-309	SB-310
	Sample ID	1273811	1273812	1273813	1273824	1287309	1287310	1287313
	Sample Date	01/25/2013	01/25/2013	01/25/2013	01/25/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	13:20	13:25	13:45	15:00	10:05	10:10	10:40
	Sample Depth	0.0' - 0.5'	0.5' - 2'	0.0' - 0.5'	0.0' - 2.5'	0' - 2'	2' - 4'	2' - 4'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0687-09RE1	13A0687-10	13A0687-11	13A0687-22	13H1034-01	13H1034-02	13H1034-05
Constituent	Units							
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-					08/30/2013	08/30/2013	
Date Semivolatile Organics Analyzed	-	01/31/2013	01/31/2013	01/31/2013	01/31/2013	08/30/2013	08/30/2013	08/30/2013
Chlordane	ug/kg							
Dieldrin	ug/kg							
Heptachlor Epoxide	ug/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg					710	750	
Benzo[a]anthracene	ug/kg	5300	1400	1600	1400	2400	7200	
Benzo[b]fluoranthene	ug/kg		2500	2000	1800	2800	7300	1100
Benzo(a)pyrene	ug/kg		1700	1500	1600	2200	6200	
Benzo(k)fluoranthene	ug/kg					1100	2700	
Fluoranthene	ug/kg	11000					13000	
Phenanthrene	ug/kg	5700				5500	9000	
Pyrene	ug/kg	10000				6600	16000	
Acetone	ug/kg							
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Table 7-2
CONSTITUENTS DETECTED IN SOIL AT CONCENTRATIONS ABOVE THE GA PMC
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-312A	SB-313	SB-313	SB-313	SB-313	SB-313	SB-314A
	Sample ID	1287316	1287319	1287319	1287355	1287355	1287320	1287322
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013	08/27/2013
	Sample Time	11:35	12:10	12:10	12:10	12:10	12:30	13:20
	Sample Depth	0' - 2'	0' - 2'	0' - 2'	0' - 2'	0' - 2'	4' - 6'	0' - 2'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-08	13H1034-11	13H1034-11RE1	13H1034-12	13H1034-12RE1	13I0179-01	13H1034-15
Constituent	Units							
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-	08/30/2013			08/30/2013		09/11/2013	
Date Semivolatile Organics Analyzed	-	08/30/2013	08/30/2013	09/03/2013	08/30/2013	09/04/2013	09/11/2013	08/30/2013
Chlordane	ug/kg							
Dieldrin	ug/kg							
Heptachlor Epoxide	ug/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg	920			910		790	
Benzo[a]anthracene	ug/kg	6400	7000	7000	17000	20000	1600	
Benzo[b]fluoranthene	ug/kg	7700	7400	7600	16000	18000	2000	1300
Benzo(a)pyrene	ug/kg	6300	6200	6300	13000	17000	1400	1100
Benzo(k)fluoranthene	ug/kg	3100	2600	2700	5900	6900		
Fluoranthene	ug/kg	9800	11000	13000	28000	38000		
Phenanthrene	ug/kg	4400	8600	8900	21000	25000		
Pyrene	ug/kg	12000	15000	16000	36000	35000		
Acetone	ug/kg							
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Table 7-2
CONSTITUENTS DETECTED IN SOIL AT CONCENTRATIONS ABOVE THE GA PMC
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-314A	SB-314A	SB-316A	SB-333	SB-333	SB-333	SB-333
	Sample ID	1287354	1287323	1287363	1287447	1287448	1287448	1287450
	Sample Date	08/27/2013	08/27/2013	08/27/2013	08/30/2013	08/30/2013	08/30/2013	08/30/2013
	Sample Time	13:21	13:25	14:10	10:25	10:30	10:30	10:40
	Sample Depth	0' - 2'	2' - 4'	0' - 2'	0' - 2'	2' - 4'	2' - 4'	6' - 8'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1034-16	13H1034-17	13H1034-22	13H1191-13	13H1191-12	13H1191-12RE1	13H1191-10
Constituent	Units							
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-	08/30/2013	08/30/2013	08/30/2013	09/06/2013	09/06/2013	09/06/2013	09/06/2013
Chlordane	ug/kg							
Dieldrin	ug/kg							
Heptachlor Epoxide	ug/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg							
Benzo[a]anthracene	ug/kg	1800	1100		1600	5600	5700	4600
Benzo[b]fluoranthene	ug/kg	2200	1600	1100	2100	6500	5500	4600
Benzo(a)pyrene	ug/kg	1700	1300		1600	4700	4600	3500
Benzo(k)fluoranthene	ug/kg					2400	2000	1800
Fluoranthene	ug/kg					10000	12000	9100
Phenanthrene	ug/kg					7800	7900	14000
Pyrene	ug/kg					11000	14000	9600
Acetone	ug/kg							
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Table 7-2
CONSTITUENTS DETECTED IN SOIL AT CONCENTRATIONS ABOVE THE GA PMC
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SB-333	SS-03	SS-07	SS-08	SS-08	SS-09	SS-16
	Sample ID	1287450	1273763	1273741	1273742	1273742	1273743	1273786
	Sample Date	08/30/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013	01/24/2013
	Sample Time	10:40	11:13	09:50	09:55	09:55	10:00	13:52
	Sample Depth	6' - 8'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'	0' - 0.5'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13H1191-10RE1	13A0643-16	13A0643-19	13A0643-20	13A0643-20RE1	13A0643-21	13A0643-07
Constituent	Units							
Date Organics Analyzed	-							01/31/2013
Date Pesticides/Herbicides Analyzed	-							
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-	09/06/2013	01/29/2013	01/30/2013	01/29/2013	01/30/2013	01/29/2013	
Chlordane	ug/kg							
Dieldrin	ug/kg							
Heptachlor Epoxide	ug/kg							
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg							
Benzo[a]anthracene	ug/kg	4900		1200	9400	10000	2400	
Benzo[b]fluoranthene	ug/kg	4400	1200	1400	9900	11000	3000	
Benzo(a)pyrene	ug/kg	3900		1200	7300	8400	2200	
Benzo(k)fluoranthene	ug/kg				3600	4100		
Fluoranthene	ug/kg	13000			18000 E	22000		
Phenanthrene	ug/kg	16000			28000 E	33000		
Pyrene	ug/kg	13000			13000 E	14000		
Acetone	ug/kg							22000
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Table 7-2
CONSTITUENTS DETECTED IN SOIL AT CONCENTRATIONS ABOVE THE GA PMC
Former Mystic Oral School for the Deaf

Loureiro
Engineering • Construction • EH&S • Energy • Waste

	Location ID	SS-21	SS-300	SS-301	SS-302	SS-305	SS-319	Test Pit 2
	Sample ID	1273791	1287377	1287378	1287379	1287386	1287397	1287350
	Sample Date	01/24/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/28/2013	08/29/2013
	Sample Time	14:45	11:45	11:55	12:00	13:00	16:00	08:50
	Sample Depth	0' - 0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	0-0.5'	13'
	Laboratory	CONT	CONT	CONT	CONT	CONT	CONT	CONT
	Lab. Number	13A0643-02	13H1103-25	13H1103-26	13H1103-27	13H1103-30	13H1103-45	13H1143-03
Constituent	Units							
Date Organics Analyzed	-							
Date Pesticides/Herbicides Analyzed	-	01/28/2013	09/03/2013	09/03/2013	09/03/2013	09/03/2013	08/31/2013	
Date Physical Analyzed	-							
Date Semivolatile Organics Analyzed	-							09/05/2013
Chlordane	ug/kg	210	66000	11000 V-	73 V-		350000	
Dieldrin	ug/kg					21		
Heptachlor Epoxide	ug/kg	39						
Total Petroleum Hydrocarbons (CT ETPH)	mg/kg							
Benzo[a]anthracene	ug/kg							7800
Benzo[b]fluoranthene	ug/kg							9400
Benzo(a)pyrene	ug/kg							7500
Benzo(k)fluoranthene	ug/kg							3400
Fluoranthene	ug/kg							16000
Phenanthrene	ug/kg							13000
Pyrene	ug/kg							16000
Acetone	ug/kg							
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Table 8-1
UPDATED CONCEPTUAL SITE MODEL / PHASE II/III SUBSURFACE INVESTIGATION ACTIVITIES
Former Mystic Oral School for the Deaf Groton, Connecticut

Area of Concern	Description & Background	Potential Contaminant Sources and Migration Pathways	Constituents of Concern[1]	Summary of Investigations	Summary of Phase II/III Investigation Activity Results	Conclusions of Phase II/III Investigation Activity Results and Preliminary Comparison to RSR Criteria[2]
AOC 1 Recreation Field	This area of the Site was used historically to grow crops. Several small buildings associated with farming activities were formerly located within this AOC. This area of the Site has also been used as a baseball diamond and a football field. Fill material has reportedly been placed in the area of this field to maintain its playing condition.	Pesticides and herbicides may have been historically applied to the ground in this area of the Site. Constituents that comprise the pesticides and herbicides may have resulted in contamination of surface soils and may have migrated to the deeper soils and groundwater. In addition, any constituents that may have been present in contaminated fill placed in this area of the Site may have leached from the fill due to infiltrating precipitation and may have migrated to deeper soils and possibly groundwater.	ETPH, PAHs, pesticides	Soil Borings LEA-300 through LEA-302; LEA-306 through LEA-308	SB-300 through SB-302 were advanced along the perimeter and southern corner of the recreation field. Metals and ETPH were detected in all samples collected from these locations at very low values. PAHs were detected at low levels in only one sample, SB-302 2-4 fbg. SB-306 through SB-308 were advanced in the northern corner of the field surrounding SB-008 with the purpose of delineating elevated ETPH and PAHs concentrations. ETPH was detected in all samples collected during the phase III investigation, at levels not indicative of a release. PAHs were not detected in any samples. Native material was encountered at SB-306 4-8 fbg. A sample was collected and analyzed for pesticides. 4,4-DDD was the only pesticide detected in this sample, at a concentration of 20 ug/kg. This concentration is below applicable RSR criteria for soil.	Based on the results of the Phase III investigation, the high levels of ETPH and PAHs detected in a sample from SB-008 are the result of a localized spill and not from use of contaminated fill material in the area. Some type of remediation will likely be needed to address the ETPH and PAHs in exceedance of the RDEC at SB-008.
AOC 2 Fire Training Area	The 0 Oral School Road parcel located on the western portion of the Site is the former location of the Cook's House. This parcel is currently used as a fire fighting training center. The former Cook's House was destroyed in a fire during fire fighting training exercises. Fill material has been placed within this AOC, generally in the vicinity of the paved parking lot.	Hazardous substances and/or petroleum products may have been released to the ground as a result of fire fighting training exercises. Constituents could initially impact and penetrate the surface soil or asphalt pavement and/or migrate toward cracks in the pavement or areas surrounding the pavement. The constituents could possibly migrate to the underlying soil and groundwater. In addition, any constituents that may have been present in contaminated fill placed in this area of the Site may have leached from the fill due to infiltrating precipitation or water generated during fire fighting exercises, and may have migrated to deeper soils and possibly groundwater.	VOCs, ETPH, PAHs, Metals	Soil Borings SB-326 through SB-331	SB-326 through SB-328 were advanced near the former Cook's house. Samples collected from these locations were analyzed for PAHs and metals. Several metals were detected in all samples. Lead was detected in SB-326 0-2 fbg at a concentration of 190 mg/kg. While this concentration is above background and may be indicative of a release, it is below applicable RSR criteria for soil. PAHs were not detected in any of these samples. SB-329 through SB-331 were advanced near the parking area and samples were analyzed for VOCs and ETPH. ETPH was detected at very low values in all but the sample collected 0-2 fbg at SB-331. The concentration of ETPH in this sample was 190 mg/kg. This sample also contained the only VOC detected in this area; naphthalene, detected at 9.9 mg/kg. The concentrations of ETPH and naphthalene in this area are below applicable RSR criteria for soil.	Elevated lead concentrations in this area may be a result of the controlled burning of the Cook's house. If the house contained lead based paint, burning it down may have released lead to the soil. Although the concentrations for lead are elevated, they do not exceed applicable RDEC, therefore remediation is not warranted. A common laboratory contaminant is acetone. This may have lead to an elevated detection of acetone in this area. A separate hypothesis concludes that the acetone had been used as a fire accelerant in this area. Because we cannot determine which of these two possibilities actually caused this detection, it must be treated as contamination. The concentration of acetone is above applicable RDEC making it likely that some form of remediation will be warranted for this area
AOC 3 Solid Waste Disposal Area	The area located north of the entrance to the Pratt Building has been used as a disposal area for scrap metal, wood, asphalt, bricks, and other solid waste	The bulky waste does not pose a direct risk to human health, however constituents of concern could leach from the waste materials and could infiltrate soil and possibly migrate to groundwater.	ETPH, SVOCs, VOCs, PCBs, Metals	Soil Samples: Test Pit 1, Test Pit 2 6 Test Pit excavations for visual observation	Five test pit locations were excavated along the edge of the waste disposal area; one was excavated in the center. All test pits were excavated to a depth of 16 fbg. Photos taken during the excavations, show debris throughout the area including asphalt chunks, large plastic sheets, concrete with metal rebar and bottles. Two soil samples were collected, both at 13 fbg, from the test pits associated with their name. Several metals were detected in both samples collected at concentrations consistent with background values. ETPH was detected in both samples. The concentration of ETPH in the sample from test pit 2 is 410 mg/kg, indicative of a release of hazardous materials. Elevated PAHs were detected in both test pit samples. While both are indicative of a release, concentrations of PAHs detected in Test Pit 2 are above applicable RSR criteria for soil.	This is an area where debris including concrete, large rocks, plastic sheeting and small amounts of wood has been disposed of. Samples were collected at the surface as well as up to 13 fbg. VOCs, metals and PCBs were not detected in any of the samples collected in this AOC. PAHs were detected at levels exceeding applicable RDEC, it is likely that some form of remediation will be required for this area.
AOC 4 Former Oiled Gravel Driveway	This driveway located north of the Girls Wing was formerly identified as an "Existing Oiled Gravel Driveway." Used oil would have been applied to the gravel driveway to control dust.	This driveway located north of the Girls Wing was formerly identified as an "Existing Oiled Gravel Driveway." Used oil would have been applied to the gravel driveway to control dust.	PAHS	No phase III additional investigation	Soil samples were not collected from this area during the phase III investigation.	An exceedance of benzo(b)fluoranthene was detected 0-2 fbg at SB-015. Samples collected from two other borings in this area detected little to no PAHs. It is likely that remediation will be needed in the area surrounding SB-015 to address exceedance of applicable RDEC.
AOC 5 Former and	A number of USTs have been used at the Site to store heating oil. One heating oil UST has been abandoned-in place and	Constituents in heating oil have spilled to the ground surface during filling operations. Releases could result	ETPH, PAHs	Soil Borings SB-319, SB-320, SB-321, SB-323	Four soil borings were advanced in the USTs present near the Rainbow house, Boys wing and the Administration	It is uncertain, but possible that the existing tanks will need to be removed from the site. Removal will be required for ultimate

Table 8-1
UPDATED CONCEPTUAL SITE MODEL / PHASE II/III SUBSURFACE INVESTIGATION ACTIVITIES
Former Mystic Oral School for the Deaf Groton, Connecticut

Area of Concern	Description & Background	Potential Contaminant Sources and Migration Pathways	Constituents of Concern[1]	Summary of Investigations	Summary of Phase II/III Investigation Activity Results	Conclusions of Phase II/III Investigation Activity Results and Preliminary Comparison to RSR Criteria[2]
Existing Underground Storage Tanks	four other heating oil USTs have been removed from the Site. In addition, one UST formerly used to store gasoline was removed from the Site. A diesel fuel UST associated with the Emergency Generator was also removed from the Site. Existing heating oil USTs at the Site include three 10,000-gallon USTs. Releases of petroleum hydrocarbons associated with USTs at the Site have previously been reported. While the laboratory analytical data for samples collected following response actions taken to address these releases indicate that the impacts have been cleaned-up, there may have been other UST releases that have not been addressed.	from overfilling, and/or leaks in the tanks and appurtenant piping. Substances that may have been released at the ground surface could initially impact and penetrate the surface soil or asphalt pavement and/or migrate toward cracks in the pavement or areas surrounding the pavement. Constituents could then migrate to the underlying soil and possibly to groundwater. Substances that may have been released below the ground surface could migrate through the soil and could potentially impact groundwater.			building's boiler room. Samples were not collected from these borings because refusal was encountered before reaching the required depth to sample.	assurance for a clean land parcel. A line item will be included in the cost estimate for remediation.
AOC 6 Existing Heating Oil Aboveground Storage Tanks	There are two existing 275-gallon heating oil ASTs maintained at the Site. One AST is located in the basement of the Rainbow House, and the other is located in the Maintenance Garage. The concrete floors beneath each tank were observed to be stained with oil.	Releases of petroleum products may have occurred during transfer and storage. Releases during filling could result from overflows at the exterior fill ports and tank vents. Releases during storage could result from leaks in the tanks and appurtenant piping. Releases of petroleum products within the buildings could have resulted in substances penetrating the concrete slab, and/or migrating through cracks or joints in the slab. These substances could then migrate to the underlying soil and possibly to groundwater.	None	No phase III sampling was conducted in this AOC	Results from the phase II investigation indicate that the soil beneath the aboveground storage tanks has not been impacted with hazardous materials. Additional sampling during the phase III process was not required.	There is no evidence that a release has occurred at the aboveground storage tanks associated with the Rainbow house or the Maintenance garage. No remediation is required in this area.
AOC 7 Perimeter of Existing Buildings	Given the age of the Site buildings and apparent extended use of pesticides and herbicides to control pests and weeds, the possibility of contamination in the shallow soils exists as a result of the application of these substances. Pesticides and herbicides would have typically been applied to the ground surface along the perimeter of buildings. Also, given the age of the site buildings it is possible that lead-based paint was applied to the exterior of the buildings. Any lead-based paint that leached from weathered window frames or other exterior wood building components, or that peeled from exterior concrete block, may have resulted in the release of lead to shallow soil. Evidence that paint had leached from the window frames was visually observed during the Phase I ESA activities	Constituents in pesticides and herbicides may have migrated through surface soils to deeper soils and possibly to groundwater where they were applied. In addition, any lead-based paint applied to wooden window frames may have impacted surface soils and leached from these soils due to infiltrating precipitation thereby affecting deeper soils and possibly groundwater.	Pesticides, Metals	Soil Samples: SS-300 through SS-319	All soil samples were collected 0-0.5 fbg and within 2 feet from the nearest building Pesticides were detected in 15. of the 20 locations surrounding existing buildings. Of these 15 locations, five had concentrations of pesticides above applicable RSR criteria for soil. Chlordane was detected in SS-300, SS-301, SS-302 and SS-319 at concentrations of 66,000 ug/kg, 11,000 ug/kg, 73 ug/kg and 350,000 ug/kg respectively. Dieldrin was detected at a concentration of 21 ug/kg at SS-305. Several metals were detected in all sample locations in this AOC. The concentration of lead exceeded applicable RSR criteria in 13 locations. The concentrations of copper at 3300 mg/kg at SS-307 and Arsenic, detected in SS-314 at a concentration of 15 mg/kg also exceed applicable RSR critera.	It is likely that some form of remediation will be needed to address the exceedances of applicable RDEC for soil along the perimeter of the Administration, Girls wing, Boys wing, Crouter, Rainbow House, Rainbow House garage and Wood Shed. Phase II sampling results taken along the perimeters of the Durant and Pratt buildings indicated that no remediation is required in these areas.
AOC 8 Transformers	Three exterior, wet-type electrical transformers are situated upon concrete pads. Dielectric fluids within the transformers may contain PCBs, or at one time may have contained PCBs. No stains were observed on the concrete pads.	Dielectric fluid contained within the transformers may have leaked onto the concrete pads. The fluid could have migrated toward cracks in the concrete or toward areas surrounding the pads. The fluids could then migrate to the underlying soil and possibly to groundwater.	ETPH, PAHs, PCBs	Soil Boring SB-314A, SB-315A, SB-324, SB-325, SB-332, SB-339	Pratt Building – SB-332 was advanced near the transformer associated with the Pratt Building. The only constituent detected was ETPH, at a concentration of 11 mg/kg. Durant Building – SB-324, SB-325 and SB-339 were advanced in proximity to the transformer near the loading docks of the Durant building. ETPH was detected in all samples collected in this area, at very low concentrations. One PAH, pyrene, was detected 0-2 fbg at SB-339. The concentration of pyrene was 200 mg/kg, below applicable RSR criteria for soil. Emergency Generator – SB-314A and SB-315A were advanced to delineate elevated levels of ETPH detected in samples collected around the transformer adjacent to the emergency generator. ETPH was detected at elevated levels 0-2 fbg and 2-4 fbg at SB-314A. Additionally, PAHs were detected in samples collected 0-2 fbg and 2-4 fbg at SB-314A and 0-2 fbg at SB-315A. The concentrations of ETPH and PAHs in the samples collected from these locations are indicative of a petroleum release. It is likely that the constituents detected in this area are a result of a release from the adjacent emergency generator rather than from the	Emergency Generator - Some type of remediation will likely be warranted to address PAHs which exceed applicable RDEC in samples collected from SB-314A. As mentioned, the release of petroleum products in this area is likely a result of the emergency generator (AOC-13) and not from the transformer in this area. Durant Building – There is no evidence that a release of hazardous materials has occurred in this area. Remediation is not required.

Table 8-1
UPDATED CONCEPTUAL SITE MODEL / PHASE II/III SUBSURFACE INVESTIGATION ACTIVITIES
Former Mystic Oral School for the Deaf Groton, Connecticut

Area of Concern	Description & Background	Potential Contaminant Sources and Migration Pathways	Constituents of Concern[1]	Summary of Investigations	Summary of Phase II/III Investigation Activity Results	Conclusions of Phase II/III Investigation Activity Results and Preliminary Comparison to RSR Criteria[2]
					transformer itself.	
AOC 9 Crouter Building	This building was used for classroom space, a carpentry shop, a paint room/spray paint booth, an internal combustion engine laboratory, and a gymnasium. The building is currently used to store equipment and materials including empty containers of hydrochloric acid. Areas of the floor within the internal combustion engine laboratory were observed to be stained.	Hazardous substances and petroleum products may have spilled to the concrete floor of the building and may have migrated through the floor or through cracks in the floor, thereby impacting underlying soils.	None	No phase III sampling was required for this area.	No phase III sampling was required for this area.	Based on the analytical results from samples taken in this area during the phase II investigation, there is no evidence that a release of hazardous materials has occurred here. Remediation is not required for the soil beneath the Crouter Building.
AOC 10 Administration Building and Girls Wing Boiler Room	The boilers within the Administration Building and the basement of the Girls Wing are used to provide steam and hot water. The boilers are fueled using No. 4 heating oil, but had previously been fueled using No. 6 heating oil and pre-heaters. Originally, the boiler within the Girls Wing was fueled using coal. A coal chute was located along the Boiler Room east wall. A release of heating oil was reported to have occurred within the Boiler Room of the Administration Building. The release resulted in the migration of heating oil across the floor into the Boiler Room sump. In addition, boiler blow down water that is discharged on a daily basis to the sump was historically discharged through the concrete floor of this room.	Releases of hazardous substances or petroleum products could have resulted from the daily discharge of boiler blow down water. Releases of petroleum products within the building could have resulted in substances traveling through the existing sump and/or penetrating the concrete slab, and/or migrating through the cracks or joints in the slab. These substances could then migrate to the underlying soil and possibly to groundwater.	VOCs. ETPH, PAHs	Soil Borings SB-351, SB-352, SB-353	SB-351 was advanced to 1.5 fbg in the Administration Building's boiler room. ETPH was the only constituent detected in this sample. The concentration of ETPH was 15 mg/kg. SB-352 and SB-353 were advanced to depths of 0.66 fbg in the Girls Wing boiler room. No constituents were detected in the sample collected from SB-352. ETPH and PAHs were detected at concentrations indicative of a release in the sample collected from SB-353. ETPH was detected at 450 mg/kg and several PAHs were detected at concentrations ranging from 220 mg/kg to 880 mg/kg.	Based on the elevated levels of ETPH and PAHs detected in the sample collected at SB-353, it is likely some form of remediation will be required in the Girls wing boiler room. There is no evidence of release of hazardous materials to soil in the Administration building boil room. Remediation is not required in this area.
AOC 11 Administration Building Storage Rooms ad Photography Lab	The storage rooms within the Administration Building include the Janitor Room, which was observed to contain a number of chemical cleaning products. The floor of this room was observed to be stained. The photography lab located on the ground floor of the Boys Wing was observed to be constructed of cinder block. The floor within this laboratory appeared to be in relatively good condition. No staining was observed. A drain located within this room was reported to be connected to the on-site wastewater discharge system.	Hazardous substances spilled to the floor of the building may have migrated through the floor drain piping or concrete slab and/or may have migrated through cracks or joints in the slab. These substances could then migrate to the underlying soil and possibly to groundwater.	None	No phase III sampling was required for this area.	No phase III sampling was required for this area.	Based on the analytical results from samples taken in this area during the phase II investigation, there is no evidence that a release of hazardous materials has occurred here. Remediation is not required for the soil in this area.
AOC 12 Hydraulic Elevators	Two hydraulically-powered elevators exist within the Administration Building: a passenger elevator is located within the central part of the Administration Building, and a freight elevator is located adjacent to the loading dock within this building and was formerly used to deliver goods to the kitchen located on the second floor. In addition, one pulley-operated elevator is located within the Boiler Room of the Administration building. The concrete floor was stained near the hydraulic reservoir of the freight elevator located adjacent to the loading dock of the Administration building.	Releases of petroleum products and/or hazardous substances could have resulted from past use of the elevators. Stains on the concrete floor adjacent to the hydraulic reservoir is evidence that hydraulic oil may have been resulted in impacts to underlying soil. Hydraulic oil released to the floor may have penetrated the floor and/or may have migrated through cracks or joints in the concrete slab floor and may have affected the underlying soil.	VOCs, PAHs, ETPH, PCBs, Metals	Unable to collect samples.	Unable to collect samples.	Sampling in these areas was not possible during the phase III investigation. If the building is torn down, investigation will be required.
AOC 13 Emergency Generator	An Emergency Generator is located in the parking area north of the Administration Building. This generator provides back-up power to the Administration Building. The reported release of approximately 150 to 200 gallons of diesel oil to the ground in the area of the Emergency Generator may have impacted subsurface soil. In addition, there may have been other releases of diesel oil from the UST formerly located in this AOC.	Diesel oil may have been released directly to the soil from a leak in the UST or subsurface piping. Oil released to the ground may have migrated through shallow soil and impacted subsurface soils.	VOCs, ETPH, PAHs	Soil.Borings SB-312A, SB-313, SB-316A, SB-333	Concentrations of ETPH exceed applicable RSR criteria for soil in samples collected from SB-312A and SB-313. Concentrations of several PAHS exceed applicable RSR criteria for soil in samples collected from SB-312A, SB-313, SB-316A and SB-333.	High concentrations of ETPH and several PAHs in this AOC make it likely that some type of remediation will be needed for soil in this AOC.
AOC 14 Maintenance / Storage Areas	A heating oil furnace and associated 275-gallon heating oil AST is located along the southern wall of the Maintenance Garage. Gasoline is stored in this building. The garage is used to perform routine maintenance on power and other equipment. Several containers of liquid waste are stored in	Releases of petroleum products may have occurred during transfer and storage. Releases during filling could result from overflows at the exterior fill ports and tank vents. Releases during storage could result from leaks in the tanks and appurtenant piping. Releases of petroleum products	VOCs, PAHs, ETPH, metals	Soil Borings SB-322, SB-350	SB-322 was advanced outside the Wood shed to delineate ETPH, which had been detected at elevated levels during the Phase II investigation. Samples collected from 0-2 fbg and 2-4 fbg were analyzed for ETPH. ETPH was detected in both samples at low concentrations.	It is likely that some form of remediation will be needed to address the exceedance of applicable RDEC for ETPH in the woodshed. Soil sample results indicate we have delineated the area that will need to be remediated. Soil sample results indicate that there have been no releases of

Table 8-1
UPDATED CONCEPTUAL SITE MODEL / PHASE II/III SUBSURFACE INVESTIGATION ACTIVITIES
Former Mystic Oral School for the Deaf Groton, Connecticut

Area of Concern	Description & Background	Potential Contaminant Sources and Migration Pathways	Constituents of Concern[1]	Summary of Investigations	Summary of Phase II/III Investigation Activity Results	Conclusions of Phase II/III Investigation Activity Results and Preliminary Comparison to RSR Criteria[2]
	the Wood Shed. Waste oils and waste gasoline were observed to be stored on a containment pallet in this shed. Also, the concrete floor of this shed was observed to be heavily stained with oil.	within the building could have resulted in substances penetrating the concrete slab, and/or migrating through cracks or joints in the slab. These substances could then migrate to the underlying soil and possibly to groundwater. If the paint contained metals or PCBs, then flakes of paint could have accumulated on and impacted the ground surface beneath the garage.			SB-350 was advanced in the maintenance garage to a depth of 4.03 fbg. Samples were analyzed for VOCs, PAHs, ETPH and metals. Several metals and ETPH were detected at low levels in the 0-2 fbg and 2-4.03 fbg samples collected at this location.	hazardous materials to soil below the Maintenance garage.
AOC 15 Pratt Buidling Mechanical Rooms	The Pratt Building Mechanical Rooms include the boiler room and the pool chemical supply room. The floor of the boiler room was observed to be stained in several areas. The pool chemical supply room was formerly used to add chlorine to circulated pool water and to back-flush the pool water. The floor of this room was also observed to be stained. The staining that was observed is typical for the mechanical functions served by these rooms.	Releases of hazardous substances or petroleum products could initially impact and penetrate the floor, and/or migrate toward joints and/or cracks in the floor. These substances could subsequently migrate to underlying soil and groundwater.	None	No phase III sampling was required for this area.	No phase III sampling was required for this area.	Based on the analytical results from samples taken in this area during the phase II investigation, there is no evidence that a release of hazardous materials has occurred here. Remediation is not required for the soil in this area.
AOC 16 Former Site Features	The Former Rubbish Burner, Shop, and Garage were located north of the driveway/parking area that is north of the Administration Building.	Hazardous substances or petroleum products may have been released during historic use of the former Rubbish Burner, Shop, and Garage. Substances released at the ground surface could initially impact and penetrate the surface soil or asphalt pavement and/or migrate toward cracks in the pavement or areas surrounding the pavement. Substances could then migrate to subsurface soil and possibly to groundwater. If the Rubbish Burner was an in-ground rubbish burner, then substances could have been released directly to subsurface soil.	VOCs, PAHs, ETPH, metals	Soil Borings SB-303 through SB-305; SB-309 through SB-311	SB-303 was advanced in the vicinity of the former rubbish burner. Arsenic was detected in a sample collected 0-4 fbg at this location at 11 mg/kg. This concentration exceeds the applicable RSR criteria for soil. SB-304 and SB-305 were advanced in the vicinity of the former shop. ETPH was detected at elevated levels at both locations. Several PAHs were also detected at both locations. None of the constituents detected exceed applicable RSR criteria. Boring logs indicate that asphalt chunks were observed below 2 fbg. These chunks may indicate the use of fill material in this area. SB-309 through SB-311 were advanced in the vicinity of the former garage. ETPH was detected in each of the samples collected from these locations. The concentrations of ETPH exceed applicable RSR criteria in SB-309 and are just below applicable RSR criteria in SB-310. The concentrations of ETPH in samples collected from SB-311 are not. Several PAHs were detected at these locations as well. The concentrations of PAHs detected at SB-309 and SB-310 exceed applicable RSR criteria.	Elevated levels of PAHs detected in samples collected from SB-304 and SB-305 are most likely due to the use of fill material in this area rather than a release of hazardous materials. No remediation is required for this area. It is likely that some type of remediation will be needed to address the exceedance of arsenic at SB-303. It is also likely that some type of remediation will be needed to address the exceedances of ETPH and PAHs at SB-309 and SB-310
AOC-17 Loading Docks	The loading docks at the Site were used to receive goods and materials, including small quantities of chemicals, delivered to the Administration Building and the Durant Building. Loading docks are considered AOCs because they are likely areas for the handling of raw materials, chemical products, and wastes. Any product used within the facility is a constituent of concern at a loading dock. The loading docks did not appear to be stained.	Releases of hazardous substances or petroleum products could initially impact and penetrate the concrete docks or adjacent asphalt pavement and/or migrate toward cracks in the concrete or pavement or toward areas surrounding the pavement. These substances could then migrate to the underlying soil and possibly to groundwater.	VOCs, PAHs, ETPH, metals	Soil Borings SB-317, SB-318, SB-324, SB-325, SB-339	SB-317 and SB-318 were advanced around the loading docks associated with the Administration building boiler room. Elevated levels of ETPH along with several PAHs were detected in 0-2 fbg and 2-4 fbg samples collected from SB-317. Several metals were also detected in these samples, at concentrations consistent with background levels. Metals were also detected at low concentrations in the 0-2 fbg and 2-4 fbg samples collected from SB-318. ETPH and PAHs were not detected in samples collected from SB-318. Elevated levels of constituents in SB-317 may be the result of being located on the fringe of the AOC-13 petroleum release, but we are unsure. SB-324, SB-325 and SB-339 were all advanced around the loading docks attached to the Durant building. Samples were collected 0-2 fbg and 2-4 fbg at SB-324 and SB-325, and 0-2 fbg, 2-4 fbg, 4-6 fbg and 6-8 fbg at SB-339. ETPH was detected in all samples collected from these locations at very low levels. PAHs were not detected in any of the samples collected from these locations	Although there is evidence of a minor ETPH release, concentrations detected at all five locations in this AOC are below applicable RDEC. No remediation is warranted for this area.

Notes

1: Metals identified as constituents of concern are: arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver and zinc.

2: Comparing data to the RSR criteria is only appropriate when a release has been fully characterized.

Abbreviations

AOC: Area of Concern

AST: Aboveground Storage Tank

CSM: Conceptual Site Model

ETPH: Extractable Total Petroleum Hydrocarbons

PCBs: Polychlorinated Biphenyls

RSRs: Remediation Standard Regulations

SB: Soil Boring

SVOCs: Semivolatile Organic Compounds

SWPC: Surface Water Protection Criteria

UST: Underground Storage Tank

VOCs: Volatile Organic Compounds

RDEC: Residential Direct Exposure Critera

FIGURES

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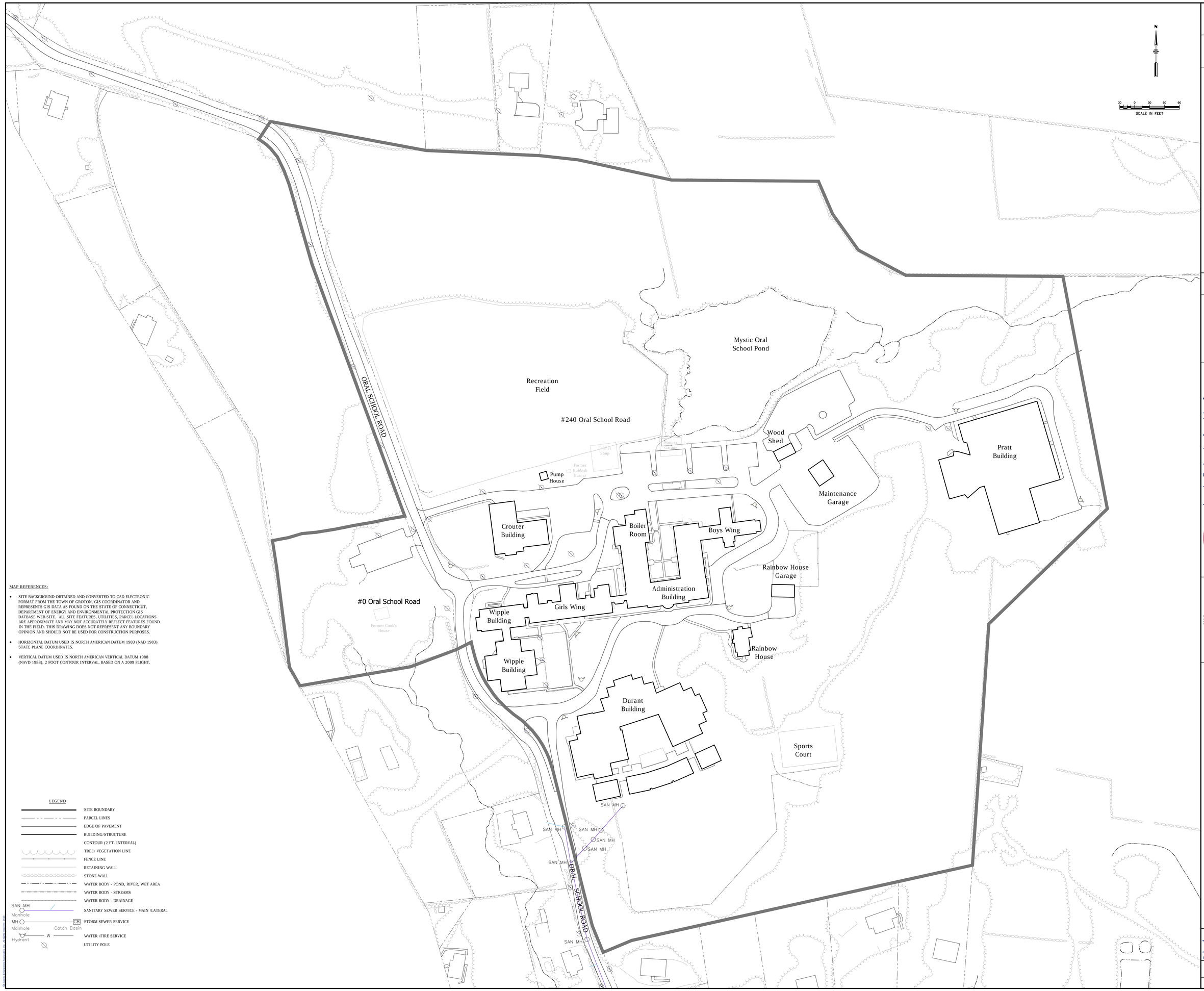
DRAWINGS



MAP REFERENCES:

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LEGEND

- SITE BOUNDARY
- PARCEL LINES
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- WATER BODY - DRAINAGE
- SAN_MH Manhole — SANITARY SEWER SERVICE - MAIN /LATERAL
- MH Manhole — CB Catch Basin — STORM SEWER SERVICE
- Hydrant — W — WATER /FIRE SERVICE
- UTILITY POLE

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DATE	10/08/2013
DRAWN BY	G.F.B./P.J.A.
DATE	10/08/2013
APPROVED BY	D.W.H.

PHASE III ENVIRONMENTAL SITE ASSESSMENT REPORT
FORMER MYSTIC ORAL SCHOOL FOR THE DEAF

SITE PLAN

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2-1

SHEET NO. 1 NO. OF SHEETS 1

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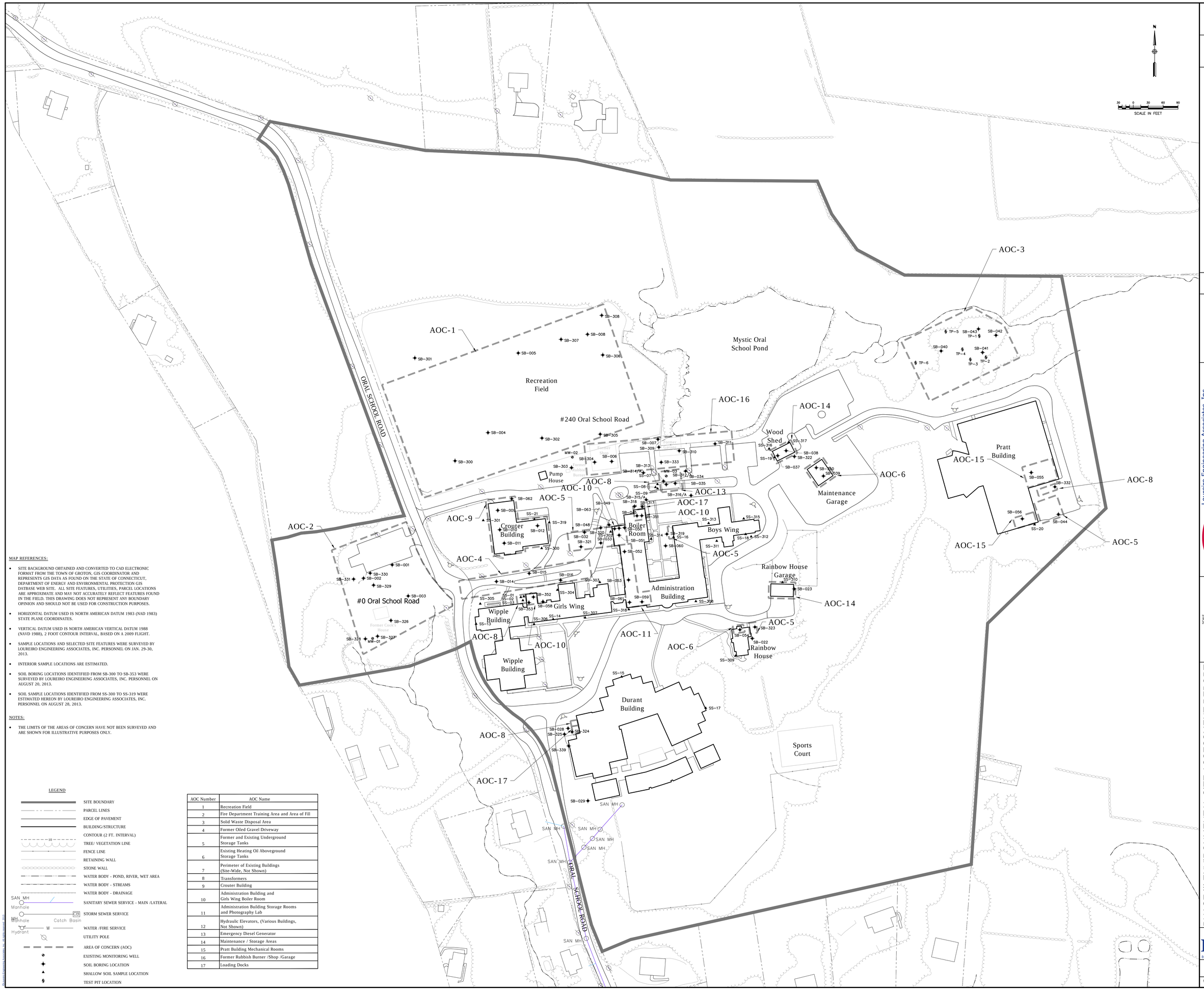

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- INTERIOR SAMPLE LOCATIONS ARE ESTIMATED.
- SOIL BORING LOCATIONS IDENTIFIED FROM SB-300 TO SB-353 WERE SURVEYED BY LOUREIRO ENGINEERING ASSOCIATES, INC. PERSONNEL ON AUGUST 20, 2013.
- SOIL SAMPLE LOCATIONS IDENTIFIED FROM SS-300 TO SS-319 WERE ESTIMATED HEREON BY LOUREIRO ENGINEERING ASSOCIATES, INC. PERSONNEL ON AUGUST 28, 2013.

NOTES:

- THE LIMITS OF THE AREAS OF CONCERN HAVE NOT BEEN SURVEYED AND ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.

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- WATER BODY - DRAINAGE
- SAN MH Manhole — SANITARY SEWER SERVICE - MAIN /LATERAL
- MH Manhole, CB Catch Basin — STORM SEWER SERVICE
- Hydrant, W — WATER /FIRE SERVICE
- UTILITY POLE
- AREA OF CONCERN (AOC)
- EXISTING MONITORING WELL
- SOIL BORING LOCATION
- SHALLOW SOIL SAMPLE LOCATION
- TEST PIT LOCATION

AOC Number	AOC Name
1	Recreation Field
2	Fire Department Training Area and Area of Fill
3	Solid Waste Disposal Area
4	Former Oiled Gravel Driveway
5	Former and Existing Underground Storage Tanks
6	Existing Heating Oil Aboveground Storage Tanks
7	Perimeter of Existing Buildings (Site-Wide, Not Shown)
8	Transformers
9	Crouter Building
10	Administration Building and Girls Wing Boiler Room
11	Administration Building Storage Rooms and Photography Lab
12	Hydraulic Elevators, (Various Buildings, Not Shown)
13	Emergency Diesel Generator
14	Maintenance / Storage Areas
15	Pratt Building Mechanical Rooms
16	Former Rubbish Burner /Shop /Garage
17	Loading Docks

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SCALE 1" = 60'
COMM. NO. 18HM301
DRAWN BY G.F.B./P.J.A. DATE 10/15/2013
APPROVED BY D.W.H. DATE 10/15/2013

PHASE III ENVIRONMENTAL SITE ASSESSMENT REPORT FORMER MYSTIC ORAL SCHOOL FOR THE DEAF

SOIL SAMPLING LOCATIONS

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SHEET NO. 1 NO. OF SHEETS 1

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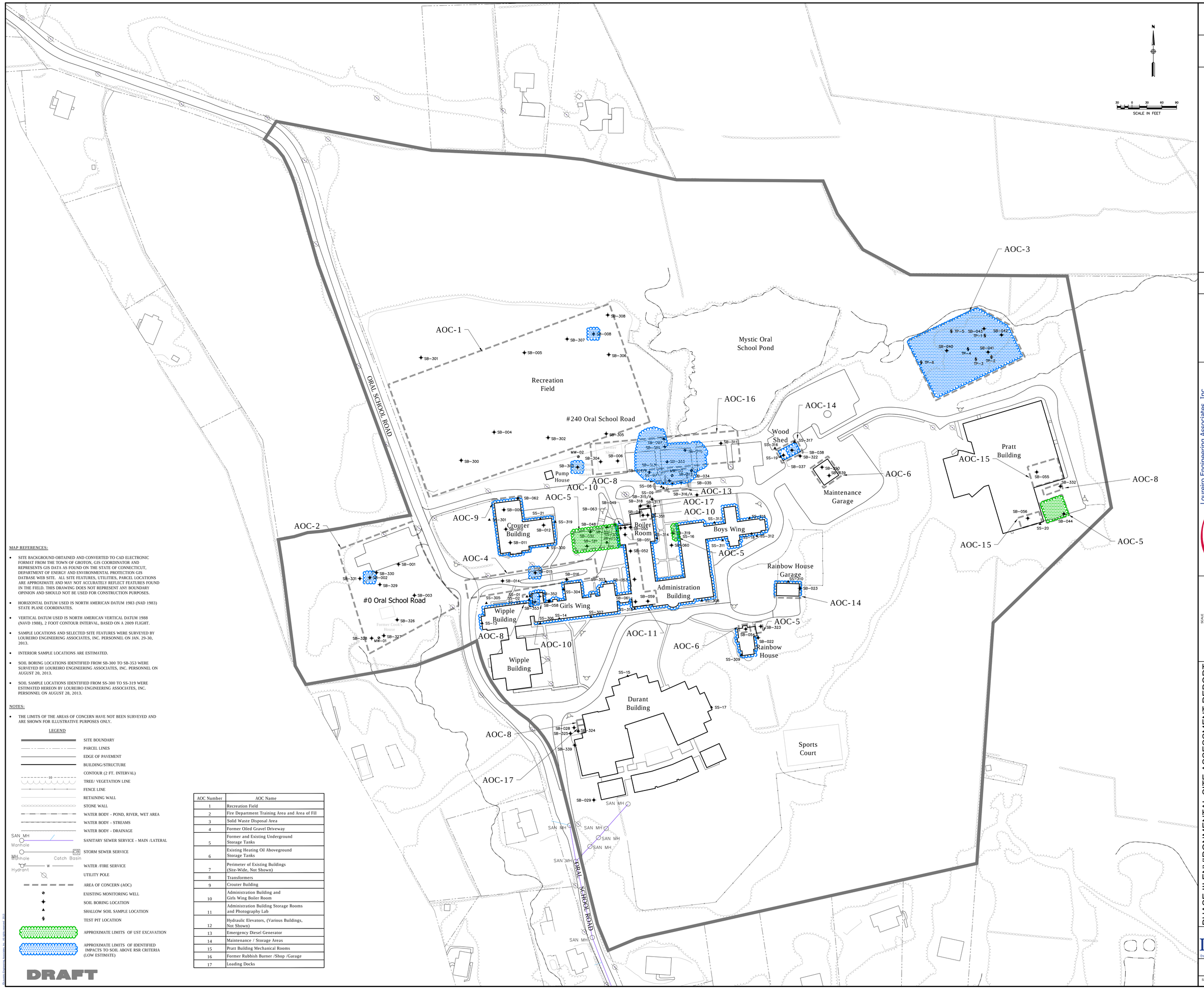

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- AREA OF CONCERN (AOC)
- EXISTING MONITORING WELL
- SOIL BORING LOCATION
- SHALLOW SOIL SAMPLE LOCATION
- TEST PIT LOCATION
- APPROXIMATE LIMITS OF UST EXCAVATION
- APPROXIMATE LIMITS OF IDENTIFIED IMPACTS TO SOIL ABOVE RSR CRITERIA (LOW ESTIMATE)

AOC Number	AOC Name
1	Recreation Field
2	Fire Department Training Area and Area of Fill
3	Solid Waste Disposal Area
4	Former Oiled Gravel Driveway
5	Former and Existing Underground Storage Tanks
6	Existing Heating Oil Aboveground Storage Tanks
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17	Loading Docks

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PHASE III ENVIRONMENTAL SITE ASSESSMENT REPORT FORMER MYSTIC ORAL SCHOOL FOR THE DEAF

AREAS REQUIRING REMEDIATION

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SHEET NO. 1 NO. OF SHEETS 1

APPENDIX A

Geologic Boring Logs

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APPENDIX B

Well Completion Logs

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APPENDIX C

Laboratory Analytical Reports
(See the Attached CD-Rom File)

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APPENDIX D

Data Quality Assessment Worksheet

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