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SELF IMPLEMENTING ON-SITE CLEANUP AND DISPOSAL OF PCB WASTE PLAN

10 First Street – Lot C-1
Taunton, Massachusetts
RTN 4-17372

Prepared for:

The Neighborhood Corporation
120 Ingell Street
Taunton, Massachusetts 02780

Prepared by:

Resource Control Associates, Inc.
474 Broadway
Pawtucket, Rhode Island 02860

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1.0 INTRODUCTION

On behalf of The Neighborhood Corporation (TNC), Resource Control Associates, Inc. (Resource Controls) has prepared this revised Self-Implementing On-Site Cleanup and Disposal of Polychlorinated Biphenyl (PCB) Waste Plan (SIP) for the management and cleanup of PCBs at the Former Nu-Brite Chemical Company Facility located at 10 1st Street in Taunton, Massachusetts. This SIP was prepared in accordance with the U.S. Environmental Protection Agency (EPA) requirements for notification per 40 CFR §761.61(a)(3) and supersedes the original SIP submitted to the EPA on January 14, 2011.

For the purposes of this document, the "Property" is defined as the area located within the property boundary of 10 First Street, Taunton, Massachusetts. The location of the Property is shown on Figure 1, Site Locus Map. For the purposes of redevelopment, the Property was subdivided into five lots: Lot R-1, R-2, R-3, C-1, and C-2. The boundaries of these lots are shown on the Site Layout Plan (Figure 2). The "Disposal Site" or "Site", as defined by the Massachusetts Contingency Plan (MCP), consists of those portions of the Property and other areas where contaminants of concern have come to be located as a result of the documented release. Through site characterization efforts, it was determined that PCB impacted material is limited to Lot C-1 of the Disposal Site. This SIP addresses "bulk PCB remediation waste and PCBs impacted "porous surfaces", as defined by §761.61(a)(4), within the boundary of Lot C-1.

There are no buildings currently located on the Site. However, the split-level foundation of the former Nu-Brite manufacturing building remains. A concrete foundation wall separates the northern and western portion of the Site from the southern and eastern portion. The northern and western area is roughly ten feet higher in elevation than the southern area. The eastern (lower) portion of the property located on Lot C-1 is mostly asphalt-paved.

The Site was initially reported to the Massachusetts Department of Environmental Protection (MassDEP) on July 30, 2002 following a subsurface investigation conducted by the U.S. EPA's contractor Weston Solutions, Inc. (Weston). The detection of elevated concentrations of metals, pesticides, and polycyclic aromatic hydrocarbons (PAHs) in soil triggered a 120-day reporting condition under the Massachusetts Contingency Plan (MCP). The MassDEP assigned Release Tracking Number (RTN) 4-17372 to the Site.

Following the release notification to the MassDEP, additional subsurface investigations and subsequent remediation activities were conducted at the Site by GZA Environmental, Inc. (GZA) on behalf of Nu-Brite Chemical Company (Nu-Brite). Upon TNC acquiring ownership of the property, subsequent subsurface investigations were conducted by Green Seal Environmental, Inc (GSE) and Resource Controls on behalf of TNC. A list of MCP documents submitted to the MassDEP detailing site investigation and remedial activities conducted to date are summarized in the following table:

Date	Report	Consultant	Purpose
9/4/2003	MCP Phase I Report and Tier Classification	GZA	Initial Site assessment and Tier Classification
12/23/2004	Release Abatement Measure (RAM) Plan	GZA	Remedial Action - sediment removal from catch basins
4/27/2005	RAM Completion Report	GZA	Remedial Action - sediment removal from catch basins
12/1/2005	Class A-3 RAO Statement with Method 3 Risk Characterization	GZA	Documenting condition of No Significant Risk with Activity and Use Limitation (AUL) to restrict future residential use of the Disposal Site.
9/15/2008	Subsurface Investigation Report	GSE	Documenting subsurface investigation (not submitted to MassDEP)
11/13/ 2009	Revised RAO Statement & revised Method 3 Risk Characterization	GZA	Response to MassDEP audit findings
8/29/2011	120 Day Release Notification	RCA	Notification of VPH release – RTN 4-23535
9/23/2011	RAM Plan	RCA	Remedial Action - Lots R-1, R-2, R-3, and C-2
1/20/2012	RAM Completion Report	RCA	Remedial Action - Lots R-1, R-2, R-3, and C-2
2/16/2012	Four (4) Class A-2 Partial RAO (RAO-P) and partial termination of AUL	RCA	Documenting condition of No Significant Risk for Lots R-1, R-2, R-3, and C-2

The results of subsurface investigation activities identified contaminants of concern (COC), including metals, organochlorine pesticides, PAHs, PCBs and volatile petroleum hydrocarbons (VPH), in soil, groundwater catch basin sediment and concrete on Site. This SIR report is intended to address site assessment and proposed remediation activities related specifically to PCB impacted media on Lot C-1. Please refer to the MCP documents for details related to other COC on Site.

2.0 SITE CHARACTERIZATION

2.1. Notification and Certification

The purpose of this SIP is to provide the required notification to the EPA Regional Administrator at least 30 days prior to the start of cleanup activities at the Site. The written certification required pursuant to §761(a)(3)(i)(E) is included as Appendix A.

2.2. Nature of Contamination

Pursuant to §761(3)(A), the nature of the contamination, including kinds of materials contaminated, must be defined in a SIP. PCBs have been detected on Site at concentrations ranging up to 180 mg/kg in soil and 4.9 mg/kg in concrete. Additionally, a series of samples collected from cleaning residue that resulted from cleaning of on-site catch basins on March 5, 2005, which were analyzed at the Stablex Canada, Inc. facility in Bainville, Quebec (Drum #6, Drum #13, Drum #16, Drum #2, and Drum #28) all contained concentrations of PCBs (Aroclor 1254) above 50 mg/kg. Based on this information, the catch basins and sediment that had accumulated within them are considered to be bulk PCB remediation waste. Note the five catch basins identified on the central portion of the Site have been inconsistently identified by previous investigators. For the purposes of this document, Resource Controls has identified them as CB-1 through CB-5, as shown on the Figure 3 Site Plan. Based on ground water sampling results described herein Section 3.3.4, Resource Controls has determined that groundwater is not an impacted media.

2.3. Sampling Procedures

In support of an EPA funded Brownfields project with the City of Taunton and on behalf of TNC, Resource Controls submitted a Quality Assurance Project Plan (QAPP) to the EPA on June 22, 2010. QAPP Addenda were submitted to the EPA on March 22, July 14, and September 19, 2011. The QAPP and QAPP Addenda present details of the subsurface investigation and remediation plan recommended by Resource Controls for eliminating AUL conditions on portions of the Property for the purpose of allowing residential and commercial redevelopment. All sampling procedures have been conducted in accordance with all EPA approved QAPP documents, unless notes otherwise in associated MCP documents.

2.3.1. Soil

Between July 2010 and May 2012, Resource Controls personnel supervised the advancement of 81 soil borings on Lot C-1. On August 10 and 11, 2010, a total of 29 soil borings were advanced to define the nature and extent of PCB contamination around catch basins CB-1, CB-2, and CB-3 and associated eight-inch drain pipes. In accordance with §761.265(a) and §761.283, soil samples were collected from a depth of five to seven feet below surface grade, which is located at or near an elevation below the bottom of the drain, and on a grid interval of approximately ten feet in order to characterize soil conditions near the catch basins and the associated drain pipes. A total of 13 soil samples were collected as part of this effort. Seven (7) of these samples (CB-1 Composite, Segment 1A Composite, Segment 1B Composite, CB-2 Composite, CB-3 Composite, Segment 3A Composite, and Segment 3B Composite) consisted of a composite of up to five discrete aliquots from multiple borings to reduce the total analytical cost of samples submitted to the laboratory. Details of the composite sampling effort are presented in the following table and a summary of all analytical results is included as Table 1.

Investigation Area	Soil Boring	Discrete Sample Depths (feet)	Composite Soil Samples	Laboratory Analytical Results
Northern Catch Basin (CB-1)	B-123	5 – 7	CB-1 Composite	1.6 mg/kg (Aroclor 1254)
	B-124	5 – 7		
	B-125	5 – 7		
	B-126	5 - 7		
Northern Drain Pipe Segment – northern half (Segment 1A)	B-127	5 - 6	Segment 1A Composite	1.5 mg/kg (Aroclor 1254)
	B-128	5 - 6		
	B-129	5 - 6		
Northern Drain Pipe Segment – southern half (Segment 1B)	B-130	5 - 6	Segment 1B Composite	< 0.13 mg/kg (Aroclor 1254)
	B-131	5 - 6		
	B-132	5 - 6		
	B-133	5 - 6		
Central Catch Basin (CB-2)	B-134	5 - 6	CB-2 Composite	1.3 mg/kg (Aroclor 1254)
	B-135	5 - 6		
	B-136	5 - 6		
Central Drain Pipe Segment (Segment 2)	B-137	5 – 6.5	Discrete Sample Only	< 0.47 mg/kg (Aroclor 1254)
Southern Catch Basin (CB-3)	B-138	5 - 7	CB-3 Composite	< 0.13 mg/kg (Aroclor 1254)
	B-139	5 - 7		
	B-140	5 - 7		
	B-141	5 - 7		
Southern Drain Pipe Segment – northern half (Segment 3A)	B-142	5 - 7	Segment 3A Composite	< 0.13 mg/kg (Aroclor 1254)
	B-143	5 - 7		
	B-144	5 - 7		
	B-145	5 - 7		

Investigation Area	Soil Boring	Discrete Sample Depths (feet)	Composite Soil Samples	Laboratory Analytical Results
Southern Drain Pipe Segment – southern half (Segment 3A)	B-146	5 – 6.5	Segment 3B Composite	< 0.13 mg/kg (Aroclor 1254)
	B-147	5 – 6.5		
	B-148	5 – 6.5		
	B-149	5 – 6.5		
	B-150	5 – 6.5		

In response to EPA comments to the January 14, 2011 SIP, Resource Controls conducted three additional sampling events in April and August 2011 and May of 2012 to supplement the existing data set. The following table summarizes the borings and test pit locations on Lot C-1 from which PCB soil samples were collected and includes historic and recent sampling events.

Date	Description of Sampling Event	Sample Locations
January 2002	Initial Site Assessment (2002) by GZA	SB-01, SB-02, SB-03, SB-04, SB-07, SB-10
July 2008	Post RAO assessment to address audit findings by GZA	B-1, B-2, B-5, B-6, B-8, MW-2, MW-3, & TP-6
July 2010	RCA's Remedial Investigation	B-116, B-117, B-118, TP-6 Area
August 2010	RCA's Remedial Investigation (continued)	CB-1, SEG-1A, SEG-1B, CB-2, CB-3, SEG-3A, SEG-3B, B-124, B-129, B-137,
September 2010	RCA's Remedial Investigation (continued)	B-155, B-156
April 2011	RCA's Additional Investigation per EPA Request	B-215, B-216, B-217, B-218, B-219, B-220, B-221, B-222, B-TP-7, SB-03R, B-201, B-202 to B-205, B-206, B-207, B-208, B209, B210, B211, B-213, B- 214, B-223 to B-226, B-228
August 2011	RCA's Additional Investigation per EPA Request (continued)	B-318, B-1R, B-324, B-325, B-326, B-327, B-328, B-329, B-330 to B-334, MW-207, GW-02R
May 2012	RCA's 2nd Remedial Investigation	B-401 through B-420

Note: Red indicates boring from which soil samples exceeded 1 ppm for PCBs.

The locations of all soil borings are illustrated on Figure 3. New England Geotech (NEGT) of Jamestown Rhode Island advanced the soil borings utilizing Geoprobe™ "direct-push" methodology. Resource Controls' personnel described the soil lithology in the field and screened each sample for the presence of organic vapors using a photoionization detector (PID) equipped with a 10.6 electron volt lamp calibrated to read "as benzene" using the MassDEP jar headspace method. Copies of drilling logs generated for borings installed in Lot C-1 during the 2010-2012 subsurface investigation are included as Appendix B.

All samples collected by Resource Controls for the analysis of PCBs were sent to Con-Test Laboratories (Con-Test) of East Longmeadow, Massachusetts, MassDEP certified laboratory. PCBs were extracted from the soil samples by US EPA Method 3540C (Soxhlet Extraction) and samples were analyzed by US EPA Method 8082. Soil analytical results from samples collected within the boundaries of Lot C-1 are summarized on Tables 1A and 1B. Laboratory analytical results, including reports through April 7, 2011 were submitted to the EPA on May 20, 2011 in a data package. Laboratory analytical reports generated since this submittal from investigation activities conducted on Lot C-1 are presented in Appendix C.

2.3.2. Catch Basins

On November 16, 2004, GZA collected a composite sediment sample from catch basins CB-1 and CB-3 for disposal characterization. As presented in the April 27, 2005 RAM Completion Report, this sample (CB-DISP-1) contained Aroclor 1254 at a concentration of 80 milligrams per kilogram (mg/kg). In the April 27,

2005 Release Abatement Measure (RAM) Completion Report, GZA state that "this high level of PCBs…was unexpected, since similar concentrations had not been detected in previous catch basin sediment analyses conducted by Weston", and "It should also be noted that the catch basins have concrete sides and bottoms, so the PCB-contaminated sediment is contained therein, and that the environmental samples collected by Weston indicated only low PCB concentrations in two soil samples…."

On December 13, 2004, GZA collected additional composite samples from CB-1 and CB-3. On February 8, 2005, sediments and liquids from each of the four catch basins were vacuum extracted and placed into segregated 55-gallon drums. A total of 36 drums of sediment and liquid were generated during this effort. These drums were transported to the Stablex Canada, Inc. facility in Bainville, Quebec in March 2005, where five of the drums were rejected due to PCB concentrations in excess of 50 mg/kg. Reportedly, these drums were ultimately transported to the Onyx Trade Waste Incineration facility in Sauget, Illinois.

In July 2008, GSE collected sediment samples from each of the four catch basins; the samples were analyzed for the 14 MCP metals and PCBs. PCBs were detected at concentrations of 21 and 26 mg/kg from CB-2 and CB-3, respectively. The September 15, 2008 Subsurface Investigation Report includes the following discussion relative to the catch basins: "GSE determined that catch basins CB-1, CB-2, and CB-3, which were indicated to contain PCBs, are connected to the sewer system. CB-4 is connected to the storm water system….It appears, although we have not been able to verify, that these three catch basins were floor drains for the former Nu-Brite building. If these were in fact floor drains then these drains were not properly closed when the building was demolished. The source of the PCBs is not known. However, previous investigations indicate a number of drains adjacent to a transformer near GSE B-5." GSE concluded that: "All three catch basins and their piping should be removed."

In response to Audit Findings, on August 11 and 12, 2009, GZA conducted additional response actions at the Site by removing 36 55-gallon drums of sediment from the on-Site catch basins. Resource Controls was on Site to oversee GZA's efforts to remove sediment from the on-Site catch basins. Resource controls made the following key observations:

- Water and sediment was removed from the catch basins via a vacuum truck and sump pump system. GZA personnel overseeing the cleanup event stated that the removal of liquids and solids in each catch basin was the extent of the planned cleanup efforts for this portion of the project;
- Sediment was not removed from inlet and outlet piping of the catch basins;
- Neither confirmatory sediment, bulk concrete nor wipe samples were collected following the removal of water and sediment from the catch basins; and
- The catch basin structures were constructed of brick and rough concrete patching with openings in the mortar spaces.

Resource Controls recognizes that it is possible that the catch basins themselves are a source of PCB contamination to the sediment within them, given the porous nature of the bricks and known cracks in the structures. Another possible source of recontamination may be impacted sediments located in the pipe lines connecting the catch basins, resulting in movement of sediments from the drain pipes into the catch basins following cleaning.

On July 12, 2010 Resource Controls personnel inspected the catch basins in order to evaluate the construction details provided by previous consultants. The depth to water and depth to bottom of each catch basin are summarized on the table below, along with the maximum PCB concentrations detected in discrete sediment samples collected directly from the catch basins during previous investigations at the Site.

Catch Basin Identification	Reported Depth	Measured Depth	Depth to Water on 7/12/10	PCB Concentrations in Sediment Samples
CB-1	8 feet	7.5 feet	5.2 feet	50 mg/kg
CB-2	8 feet	8.3 feet	5.3 feet	21 mg/kg
CB-3	4 feet	6.2 feet	5.3 feet	26 mg/kg
CB-4	4 feet	3.7 feet	Dry	0.4 mg/kg
CB-5	N/A	2.9 feet	2.1 feet	< 0.1 mg/kg

In response to EPA's request for further investigation of the catch basins, Resource Controls conducted a field investigation to identify and trace floor drain pipe connections to the catch basins, and evaluate the presence and/or absence of other subsurface structures and associated piping. As part of this effort, on March 30, 2011, Resource Controls collected sediment samples from catch basins CB-4 and CB-5, as well as from the sewer manhole located in Staples Ave. The three sediment samples collected utilizing manual methods were submitted to Con-Test for PCB analysis. The sediment samples were extracted by EPA Method 3540C (Soxhlet Extraction) and analyzed by EPA Method 8082. A summary of analytical results is included as Table 2.

On March 23, 2011, Resource Controls oversaw EST Associates of Needham, Massachusetts during a smoke test of on-Site catch basins. The goal of the smoke test was to identify any unknown connections to catch basins or associated piping, specifically floor drain structures within the former building foundation. The results of the smoke test did not reveal evidence of floor drains within the building foundation.

On March 25, 2011, Resource Controls oversaw ProScanning of Boston, Massachusetts during a ground penetrating radar (GPR) and video survey of the on-Site catch basins and underground piping. The goal of this survey was to trace all unknown pipes associated with on-Site catch basins and to identify all subsurface utility structures, including floor drains within the former building foundation. The results of the GPR and video survey are summarized below:

- The two unknown pipes branching from CB-1 were traced to their endpoints;
- The two unknown pipes branching from CB-2 were traced to their endpoints;
- The one unknown pipe branching from CB-3 was traced to its endpoint;
- No evidence of floor drains was identified within the building foundation or elsewhere on Site;
- The direct connection between CB-1 and CB-2 was confirmed;
- The investigation of the connection between CB-2 and CB-3 revealed a vault (possible oil/water separator) approximately 8 feet deep and roughly 10 square feet in area;
- CB-3 is <u>not</u> connected directly to the sanitary sewer as previously thought. CB-3 appears to have been historically connected to CB-4 (which is part of the storm sewer). At some point in time, this connection was broken and sealed (as confirmed with the camera). CB-2 and CB-3 are connected directly to the vault, which is connected to the sanitary sewer (Staples Ave manhole).
- The camera confirmed that sediment has settled in the pipes connecting the catch basins and that many of these pipes have subsided and cracked over time.

The final extents of all underground utilities and connections between on-Site catch basins are shown on Figure 3. Water, electric, and natural gas utilities serve surrounding properties and are located along Staples Ave, First Street, Second Street, and West Water Street.

2.3.3. Concrete

On March 31, 2011, using a rotary impact hammer drill equipped with a one-inch diameter bit and stainless steel sampling scoops, Resource Controls collected 15 composite samples from the concrete floor remaining at the Site. A total of 60 discrete aliquots of 10 grams of concrete powder taken from the top half inch of concrete were collected on an approximately 25 square-foot grid following the "Draft Standard Operating Procedure for Sampling Concrete in the Field" prepared by U.S. EPA Region 1 dated December 30, 1997. As depicted in Figure 4, aliquots from four (4) adjacent locations were composited in the field using a stainless-steel mixing bowl. Additional concrete samples were collected from soil borings advanced during the April and August 2011 subsurface investigations. All concrete samples were submitted to ConTest for PCB analysis and were extracted by USEPA Method 3540C (Soxhlet Extraction) and analyzed by EPA Method 8082. A summary of analytical results is included Table 3. Laboratory analytical results were presented in the March 20, 2011 data package submitted to the EPA.

2.3.4. Groundwater

During the August 1 and 2, 2011 soil sampling event, the following soil borings were converted to groundwater monitoring wells: MW-335, MW-207, and GW-2R. The wells were constructed with five (5) feet of 0.01-inch slot screen and PVC riser to grade. Sand was packed around the screen from total depth to two feet above the screen, a two foot bentonite seal was set above the sand, and native backfill was used to grade. Upon installation, the wells were developed by surging and pumping at least five well volumes from each well using a peristaltic pump set at the maximum flow rate.

On August 9, 2011, Resource Controls surveyed the newly installed wells, using an arbitrary benchmark of 100.00 feet. Resource Controls then gauged and sampled all existing and newly installed wells using the low flow sampling technique. Groundwater samples were sent to ConTest for PCB analysis.

PCBs were detected in samples collected from monitoring wells MW-207 and MW-4 at 1.1 and 7.3 ug/L, respectively. However, since PCBs are insoluble in water, it was Resource Controls' opinion that the detection of PCBs is representative of particulate solids suspended in the groundwater samples. As such, on May 4, 2012, Resource Controls collected groundwater samples from monitoring wells MW-207 and MW-4 following low-flow sampling procedures paying careful attention to turbidity. At the time of sampling groundwater collected from MW-207 and MW-4 had a turbidity of below four nephelometric turbidity units (NTU). PCBs were not detected above laboratory detection limits in these samples. Based on these results, Resource Controls has determined that groundwater is not an impacted media. A summary of groundwater analytical results from samples collected from monitoring wells on Lot C-1 are summarized on Table 4. Laboratory analytical results are presented in Appendix D.

2.3.5. Deviation from Sampling Procedures under §761.61(c)

In accordance with §761.61(c), Resource Controls is submitting this SIP Notification with a sample deviation request from procedures recommended in §761.265(a) and §761.283. Sampling procedures in areas of known or suspected PCB impact surrounding the catch basins were conducted in accordance with §761.265(a), as discussed Section 2.3.1 of this report. However, soil samples collected through a series of subsequent subsurface investigations did not follow §761.265(a) procedures due to financial restrictions. Additionally, following verbal approval from the EPA Region 1 PCB Coordinator at a meeting on March 14, 2011, the concrete slab sampling pattern deviated slightly from the recommended procedures in §761.265(a). The catch basin structures were also not characterized in accordance with §761.265(a) due to physical restrictions.

It is the opinion of Resource Controls that the 81 soil borings advanced over Lot C-1 is adequate for characterizing soil conditions on this portion of the property. As part of this SIP Notification, Resource

Controls is requesting formal approval of sample deviation procedures for both soil and concrete. It should be noted that in areas of known PCB impacted soil and concrete, a TSCA cap will be constructed to eliminate exposure and reduce the risk to human health, safety and the environment. Additionally, as discussed in Section 3.2.3 of this report, the catch basin structures will be sealed to prevent off-site migration and continued accumulation of PCB impacted sediments within the structures.

2.4. Extent of Contaminated Area

The Site was historically used for paint manufacturing by Nu-Brite. The distribution of contaminants across the Disposal Site is attributed to cumulative, Site-wide use of chemicals during Nu-Brite facility operations. Based on the scale of operations, contaminants identified within each subdivided lot (Lot R-1, R-2, R-3, C-1, and C-2) can be attributed to separate release conditions from separate sources.

According to Sanborn Fire Insurance Maps, the former Nu-Brite paint manufacturing facility was primarily located on Lot C-1, as shown on the historic Sanborn Fire Insurance Maps (Figures 5A-F). The following are suspected or confirmed sources of contamination on Lot C-1:

- Chemical Storage Area – As shown on the Sanborn maps, an outdoor chemical storage area with six large rectangular chemical tanks located between two southern extensions of the facility building. The contamination in in this area can attributed to the handling of manufacturing chemicals within the chemical storage area during everyday facility operations.

- Underground Utilities & Vault Structure – Resource Controls has determined that catch basins CB-1, CB-2, and C-3 were located within the former NuBrite facility building and served as floor drains. Additionally, during the March 2011 utility survey (discussed in Section 2.3.2), a number of miscellaneous pipes were found connected to the catch basin structures and a “vault” was discovered between catch basins CB-2 and CB-3. Based on the distribution of contamination and results of the March 2011 utility survey, the underground structures are a source of contamination on Lot C-1.

- Former Solvent Waste Settling Tank - There was reportedly a former solvent waste settling tank located in the area near TP-6 during the time of facility operation. This may have been a historical source of contamination in this area.

- Paint waste - Weathered paint was encountered in many soil boring locations, including TP-6, T-7, B-153, B-155, B-202, B-324, and B-325. GZA collected a sample of this paint in 2008. VOCs, PCBs, and metals were detected in this paint sample; however, only barium, lead, and mercury exceeded MCP Method 1 S-1 standards. The analytical data demonstrates a correlation between the presence of weather paint in soil and elevated VPH, PCBs and lead concentrations; therefore residual paint waste is considered a continuing source of contamination in soil.

PCBs were detected in soil, catch basin sediments, and concrete on Lot C-1 of the property. Results from site investigation activities show that PCB impacted media are limited to the northern area of the Lot C-1, as shown on Figure 6. As discussed in Section 3.2, Resource Controls is proposing a TSCA cap be constructed over this area. The extent of PCBs impacted media on Site and is depicted on Figure 6. Additionally, the catch basins CB-1 through CB-3 and associated drain pipes are assumed to be impacted with PCBs and are, therefore, being treated as porous waste.

3.0 CLEANUP PLAN

3.1. Remedial Objectives

Section §761.3 defines a "low occupancy area" as any area where PCB remediation waste has been disposed of on-site and where occupancy for any individual not wearing dermal and respiratory protection for a calendar year is: less than 840 hours (an average of 16.8 hours per week) for non-porous surfaces and less than 335 hours (an average of 6.7 hours per week) for bulk PCB remediation waste." A high occupancy area is defined as "any area where PCB remediation waste has been disposed of onsite and where occupancy for any individual not wearing dermal and respiratory protection for a calendar year is: 840 hours or more (an average of 16.8 hours or more per week) for non-porous surfaces and 335 hours or more (an average of 6.7 hours or more per week) for bulk PCB remediation waste."

Low occupancy applies to the portion of the property identified on Figure 6 as the horizontal extent of PCB impacted subsurface, which is currently a parking lot and will continue to be used as a parking lot in the foreseeable future. Since the southern portion of the Site not covered by the TSCA cap is slated for commercial redevelopment, it is considered a high occupancy area for the purposes of defining cleanup levels.

In accordance with Section §761.61(a)(4)(i), the cleanup level for bulk PCB remediation and porous surface waste is less than 1 ppm in high occupancy areas and less than 25 ppm in low occupancy areas unless otherwise specified. In low occupancy areas, bulk PCB remediation waste may remain at the cleanup site at concentrations ranging from 25 to 100 ppm if the site is covered with a cap meeting the requirements of Section §761.61(a)(7) and §761.61(a)(8).

3.2. Remedial Approach

3.2.1. TSCA Cap Construction

Due to the extent of bulk PCB remediation waste on Lot C-1, the most feasible remedial approach for reducing risk and minimizing human exposure, infiltration of water, and erosion is to construct a cap in accordance with Section §761.61(a)(7). The proposed extent of the cap is shown on Figure 6, 7, and 8 as the horizontal extent of subsurface PCB area and covers the area where bulk PCB remediation waste exceeds the low occupancy cleanup level of 25 ppm.

As a conservative approach, the cap has been extended to cover a majority of the northern portion of Lot C-1. Prior to cap construction, remedial activities will be conducted to reduce the levels of PBCs below 100 ppm and to prevent off-site migration of contaminants through the catch basin structures (Sections 3.2.2 and 3.2.3).

The cap was designed in accordance with §246.310(a) and §761.75(b)(1)(ii) through (b)(1)(v) and will be constructed directly on top of the current surface. To allow for proper drainage, the existing pavement will be pulverized prior to constructing the cap. As shown on Figure 8, there are two design construction specifications: landscaped and paved. The landscaped cap will consist of a geotextile fabric at its base, overlain by 10 inches of certified clean fill material, and finished with four inches of clean screened loam, which will be seeded to prevent erosion. The asphalt paved cap will serve as the parking lot for this portion of the property and will consist of a minimum of six inches of clean structural fill or pulverized existing pavement, overlain by four inches of bituminous concrete base coarse asphalt (class 1-1 after compaction), and finished with two inches of bituminous binder surface coarse asphalt (class 1-1 after compaction).

Prior to cap construction, new catch basins and drain pipes will be installed to manage storm water. The paved portion of the TSCA cap has been engineered to direct all drainage off the cap, preventing infiltration.

The new catch basins and storm water management system will be located outside the limits of the cap as shown on Figure 8.

Within 60 days of completion, a deed restriction in the form of an Activity and Use Limitation (AUL) will be implemented for the portion of the Site designed as the "cap area". The AUL will meet the requirements of §761.61(a)(8) and the MCP.

3.2.2. Soil Excavations

As shown on Table 1A, PCBs were detected at 180 ppm in soil sample B-334 0-2 ft on August 1, 2011. One small spot excavation (depicted on Figure 5 and 6) will be conducted at B-334 to remove soil above the 100 ppm cleanup level. Up to 5 cubic yards of soil is anticipated to be removed from this location to a depth of approximately five feet. Additionally, a second excavation in the vicinity of test pit TP-6 will be conducted to remove paint waste containing VPH compounds and mercury. Since this waste also contains PCBs up to 13 ppm (TP-6 Area Composite), soil generated from this excavation will be treated as bulk PCB remediation waste.

Prior to the remedial activities, site preparation and controls will be established and implemented. At a minimum, this will include erecting temporary fencing and establishing erosion controls. All bulk PCB remediation waste generated during the excavation will be temporarily staged in stockpiles established within the locked temporary construction fencing. Appropriate labels will be affixed to the outside of the fencing. Prior to demobilization from the Site, the working non-porous surfaces of excavation equipment that have come in contact with bulk PCB remediation waste wiped with a rag wet with a PCB extraction solution (Capsur or equivalent) so that no visible soil, mud or other residue is present, followed by a second wipe down with a water wet rag.

3.2.3. Catch Basin Closure

Prior to cap construction and following the installation of the new storm water management system, three of the five on-Site catch basins where PCBs have been detected (CB-1, CB-2, and CB-3) will be disconnected form the existing drainage system and then closed in place to prevent off-site migration of contaminants and continued accumulation of PCB impacted sediments. The vault structure between CB-2 and CB-3 will also be closed in place. The following scope of work is proposed for the closure of the catch basins and vault structures:

- Prior to the remedial activities, site preparation and controls will be established and implemented. At a minimum, this will include erecting temporary fencing and establishing erosion controls.

- A street opening permit will be obtained from the City of Taunton, and the eight-inch clay drain pipe will be disconnected from the sanitary sewer manhole on Staples Avenue, and the four-inch diameter sewer pipe connected to the sanitary sewer underlying 1st Street will be disconnected by a contractor licensed by the City of Taunton.

- The top of the vault structure will be exposed by excavating the overburden soil. Soil generated during this effort will be staged on polyethylene sheeting and returned to the excavation area after the vault structure is filled. Once the top of the vault is exposed, a section of the vault will be cut open to gain access for closure. This work will be conducted using temporary trench box to prevent collapse.

- All water and sediment accumulated in the catch basins and vault structure since the August 2009 removal effort will be removed using the drum-head vacuum approach.

- Grout slurry (such as a hardening slurry-like cement, bentonite, or clay) will be injected into all of the influent effluent pipes connected to the catch basins and vault and allowed to harden. Excavation activities will proceed once it has been confirmed that no fluids are entering or leaving any of the catch basins.

3.5.3. Disposal Technology

Four waste types are anticipated as part of this effort, including:

- Water evacuated from the catch basins;
- Sediment evacuated from the catch basins;
- Soil from the B-334 and TP-6 areas, and
- Decontamination fluids.

Water and suspended sediment evacuated from the catch basins prior to excavation will be managed as liquid PCB remediation waste. Resource Controls anticipates that this fluid will be managed pursuant to §761.60. All excavated soil will be managed as bulk PCB remediation waste pursuant to §761.61(a)(5)(B)(2)(i). Decontamination fluids used to clean equipment used on-Site will be managed by the remediation contractor.

Since the remedial work described herein will be subject to bidding procedures, the contractor and disposal outlet to be used cannot be identified at this time. However, all contractors, appropriate certifications and disposal outlets will be submitted to the EPA prior to the start of work.

3.5.4. Contingency Plan

Based on existing data, PCB concentrations in soil at the base of the proposed B-334 excavation of PCB-impacted soil are anticipated to be below 100 ppm. However, a contingency to manage up to 100 cubic yards of total volume of bulk PCB remediation waste will be assumed during the bidding process.

4.0 REMEDIAL EXECUTION

4.1. Site Preparation & Controls

Prior to initiating the remedial activities, the following site controls will be implemented:

- A Health & Safety Plan will be developed specific to the work activities. All workers will follow applicable Federal and State regulations regarding the work activities, including but not limited to OSHA regulations, respiratory protection, personal protective equipment, etc.;
- A Phase IV, EPA QAPP Addenda, and any additional notifications and/or plans required for the remedial activities will be prepared and submitted for approval;
- Prior to any work, the boundaries of the remedial work area will be marked and properly secured with a temporary construction fence with controlled access points;
- Impermeable drop clothes shall be placed below all work areas,
- Engineering controls will be utilized as a dust suppressant, as appropriate; and

The following is a summary of the required submittals to be supplied by the contractor. Additional submittals may be required as detailed in the specifications package.

- Schedule
- Detailed Work Plan for the Remedial Activities
- Health and Safety Plan
- Street opening permit
- Disposal facility profile(s), test results and acceptance(s)
- Manifests and shipping documentation for all material removed from the site
- Shop drawings for all replacement materials (i.e. piping and manhole and cover structures and backfill)
- Equipment decontamination plan

These submittals will be provided to the EPA prior to commencement of remedial activities at the Site.

4.2. Verification Sampling

Soil samples from the limits of B-334 excavation will be collected in accordance with §761.280 (Subpart O). A five-foot verification sampling grid will be established, and confirmatory soil samples will be collected at each grid node. Since the excavation at TP-6 is not intended to reduce PCB levels below cleanup goals, verification samples will not be collected and PCB levels in surrounding soil will be assumed to be equal to 50 ppm.

All samples will be transported to the laboratory under standard chain of custody procedures, and analyzed for PCBs using EPA Method 8082. Duplicate samples will be analyzed at a frequency of one per twenty primary samples. Upon receipt of the analytical results, the sample data will be reviewed for QA/QC compliance and then compared to the applicable clean-up levels.

4.3. Waste Storage & Disposal

The following activities will be completed with regard to the proper storage and disposal of PCB remediation wastes:

- At the end of each work day, any work areas will be secured by temporary fencing, and stockpiles covered with polyethylene sheeting;
- A lined, covered, and marked waste container (dump trailer or equivalent) or 55-gallon DOT-approved steel containers will be utilized to transport the PCB wastes generated during the work activities in accordance with §761.65;
- All containers will be properly labeled and marked in accordance with §761.40;
- Upon completion of the work or when a container is considered full, the waste will be transported off-site under manifest for disposal at an approved disposal facility;
- Copies of all manifests, waste shipment records, bills of lading, and certificates of disposal will be collected and provided as part of the TSCA and MCP Phase IV Completion Report to be submitted to the MassDEP and EPA.

4.4. Schedule and Site Restoration

The following schedule is anticipated for the completion of cleanup activities described in this notification:

TASK	SCHEDULE
Notification to EPA	July 2012
Public Bid and Notification	August 2012
Site Preparation and Permitting	September 2012
Remedial Excavation(s)	September – October 2012
Storm water system installation	September – October 2012
Catch basin closure	September – October 2012
TSCA Cap Construction	September – October 2012
Final Inspection	September – October 2012
Reporting & recoding AUL	October – November 2012

Following completion of the removal activities and verification that the clean-up levels have been met, the site controls will be dismantled, all wastes will be transported off-Site for proper disposal and surface conditions will be restored to match prior remedial conditions.

4.5. Record Keeping & Documentation

Following completion of the work activities records and documents per §761 will be maintained at one location by TNC. These documents will be made available to EPA upon request. A Phase IV Completion Report documenting the completion of the work activities and including but not limited to a description of the work activities implemented, verification analytical results, volumes of disposed materials, and waste disposal documentation will be submitted to the MassDEP and EPA.

5.0 LIMITATIONS

This report in total has been prepared on behalf of and for the exclusive use of TNC, solely for use in an environmental evaluation of the subject property. This document or any part thereof, may not be altered, used, relied upon or reproduced by any party other than TNC, without first obtaining written permission from Resource Controls.

Conclusions stated herein are based on the available information summarized herein and refer only to the specific subject property investigated. No warranty is implied or given and the report is subject to the agreement for the work, including the Standard Terms and Conditions attached to said agreement, as well as Additional Limitations bound herein.

TABLES

TABLE 1A
SUMMARY OF SOIL ANALYTICAL RESULTS - NORTHERN PORTION OF LOT C-1 (TSCA CAP)

Former Nu-Brite Facility
10 1st Street
Taunton, Massachusetts

Sample Identification	SB-02		SB-03		SS-07	SS-10	SS-10-A	SS-10-B	SS-10-C	SS-10-D	SS-10-E	SS-10-F	MW-2	MW-3		B-1	B-2	B-5		B-6	TP - 4	TP-6		MW-2	TP-6 Area*	B-112		B-113		B-114		B-115		B-123	B-124	B-129	B-131	B-137		B-151	MCP Method 1 Soil Standards						MCP Upper
Depth Sampled (feet)	0 - 4	0 - 8	0 - 8	4 - 8	0 - 2	0 - 2	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 3	0 - 3	5 - 10	0 - 3	0 - 3	0 - 3	10 - 15	0 - 3	8 - 10	4 - 5	Paint	9 - 10	0 - 3	0 - 2	1 - 2	5 - 7	1 - 1.5	5 - 6	1.5 - 2.1	1.5 - 2.1 DUP	1.3 - 2	5 - 7	5 - 5.5	5 - 7	5 - 6	2.5 - 2.8	3.2 - 3.5	5 - 6.5	5 - 6	S-1		S-2		S-3		Concentration Limits
Date Sampled	1/14/02		1/14/02		1/14/02	1/14/02	8/16/04	8/16/04	8/16/04	8/16/04	8/16/04	8/16/04	7/3/08	7/3/08		7/3/08	7/3/08	7/3/08		7/3/08	7/3/08	7/2/08	7/2/08	7/3/08	7/30/2010	7/30/10		7/30/10		7/30/10	7/30/10	7/30/10	7/30/10	8/12/10	8/12/10	8/12/10	8/12/10	8/12/10		8/13/10	GW-2	GW-3	GW-2	GW-3	GW-2	GW-3	UCLs in Soil
VOLATILE PETROLEUM HYDROCARBONS / ORGANIC COMPOUNDS (mg/kg)																																															
C5-C8 Aliphatics	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100	100	500	500	500	500	5,000
C9-C12 Aliphatics	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	20,000
C9-C10 Aromatics	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100	100	500	500	500	500	5,000
Acetone	0.096	--	--	--	<0.010	< 1.5	--	--	--	--	--	--	--	--	< 0.44	--	--	--	--	--	< 7.9		< 12	< 13	--	--	< 25	--	< 25	--	< 0.048	< 0.047	< 0.033	< 42	< 0.18	--	--	< 45	< 42	--	<3.7	50	400	50	400	50	400	10,000
Benzene	<0.14	--	--	--	< 0.13	< 0.15	--	--	--	--	--	--	--	--	0.019	--	--	--	--	--	< 0.79	--	6	< 1.3	--	--	< 0.5	--	< 0.51	--	< 0.00096	< 0.00094	<0.00066	< 0.83	< 0.0035	--	--	< 0.91	< 0.83	--	<0.074	30	30	200	200	700	900	9,000
Toluene	<0.14	--	--	--	< 0.13	< 0.15	--	--	--	--	--	--	--	--	0.031	--	--	--	--	--	< 0.79	--	< 1.2	< 1.3	--	--	< 0.5	--	< 0.51	--	< 0.00096	< 0.00094	<0.00066	< 0.83	< 0.0035	--	--	< 0.91	< 0.83	--	0.098	500	500	1000	1000	2000	3000	10,000
Ethylbenzene	0.005	--	--	--	<0.010	< 0.15	--	--	--	--	--	--	--	--	< 0.011	--	--	--	--	--	< 0.79	--	3.5	< 1.3	--	--	1.3	--	< 0.51	--	< 0.00096	< 0.00094	<0.00066	< 0.83	< 0.0035	--	--	< 0.91	< 0.83	--	0.11	500	500	1000	1000	1000	3000	10,000
meta- & para-Xylenes	620	--	--	--	< 0.13	< 0.15	--	--	--	--	--	--	--	--	0.012	--	--	--	--	--	< 0.79	--	15	< 1.3	--	--	< 1.0	--	< 1.0	--	< 0.0019	< 0.0019	< 0.0013	< 1.7	< 0.0071	--	--	< 1.8	< 1.7	--	0.58	300	500	300	1000	300	3000	10,000
ortho-Xylene	<0.14	--	--	--	< 0.13	< 0.15	--	--	--	--	--	--	--	--	< 0.011	--	--	--	--	--	< 0.79	--	5.9	< 1.3	--	--	< 0.5	--	< 0.5	--	< 0.00096	< 0.00094	<0.00066	< 0.83	< 0.0035	--	--	< 0.91	< 0.83	--	<0.074	300	500	300	1000	300	3000	10,000
Isopropylbenzene	0.24	--	--	--	<0.010	< 0.15	--	--	--	--	--	--	--	--	< 0.011	--	--	--	--	--	< 0.79	--	1.6	< 1.3	--	--	13	--	3	--	< 0.00096	< 0.00094	<0.00066	2.3	< 0.0035	--	--	1.0	2.3	--	0.13	NS	NS	NS	NS	NS	NS	NE
n-Propylbenzene	0.49	--	--	--	< 0.13	< 0.15	--	--	--	--	--	--	--	--	< 0.011	--	--	--	--	--	1.5	--	4.4	3.2	--	--	32	--	7.3	--	< 0.00096	< 0.00094	<0.00066	2.2	< 0.0035	--	--	2.0	2.2	--	0.31	NS	NS	NS	NS	NS	NS	NE
1,3,5-Trimethylbenzene	0.14	--	--	--	< 0.13	< 0.15	--	--	--	--	--	--	--	--	< 0.011	--	--	--	--	--	7	--	14	< 1.3	--	--	4	--	< 0.51	--	< 0.00096	< 0.00094	<0.00066	< 0.83	< 0.0035	--	--	< 1.8	< 0.83	--	<0.074	NS	NS	NS	NS	NS	NS	NE
1,2,4-Trimethylbenzene	0.42	--	--	--	< 0.13	< 0.15	--	--	--	--	--	--	--	--	0.014	--	--	--	--	--	15	--	32	29	--	--	250	--	3.4	--	< 0.00096	< 0.00094	<0.00066	1.6	< 0.0071	--	--	4.7	1.6	--	0.29	NS	NS	NS	NS	NS	NS	NE
n-Butylbenzene	<0.14	--	--	--	< 0.13	< 0.15	--	--	--	--	--	--	--	--	< 0.011	--	--	--	--	--	< 0.79	--	< 1.2	< 1.3	--	--	24	--	9.7	--	< 0.00096	< 0.00094	<0.00066	< 0.83	< 0.0035	--	--	4.9	< 0.83	--	0.45	NS	NS	NS	NS	NS	NS	NE
sec-Butylbenzene	0.75	--	--	--	< 0.13	< 0.15	--	--	--	--	--	--	--	--	< 0.011	--	--	--	--	--	< 0.79	--	3.4	3.9	--	--	16	--	5.8	--	< 0.00096	< 0.00094	<0.00066	1.6	< 0.0035	--	--	3.8	1.6	--	0.41	NS	NS	NS	NS	NS	NS	NE
tert-Butylbenzene	<0.14	--	--	--	< 0.13	< 0.15	--	--	--	--	--	--	--	--	< 0.011	--	--	--	--	--	< 0.79	--	< 1.2	< 1.3	--	--	< 0.5	--	1.2		< 0.00096	< 0.00094	<0.00066	< 0.83	< 0.0035	--	--	0.99	< 0.83	--	<0.074	NS	NS	NS	NS	NS	NS	NE
p-Isopropyltoluene	<0.14	--	--	--	< 0.13	< 0.15	--	--	--	--	--	--	--	--	< 0.011	--	--	--	--	--	< 0.79	--	3.5	3	--	--	12	--	< 0.51	--	< 0.00096	< 0.00094	<0.00066	1.4	< 0.0035	--	--	< 0.91	1.4	--	0.12	NS	NS	NS	NS	NS	NS	NE
Naphthalene	0.81	--	--	--	< 0.13	< 0.15	--	--	--	--	--	--	--	--	0.021	--	--	--	--	--	0.96	--	7.9	< 1.3	--	--	1.3	--	1.7	--	< 0.0048	< 0.0047	<0.0033	< 3.3	< 0.018	--	--	< 3.6	< 3.3	--	0.17	40	500	40	1000	40	3000	10,000
Total Xylenes	620	--	--	--	<0.010	< 0.3	--	--	--	--	--	--	--	--	0.012	--	--	--	--	--	< 0.79	--	20.9	< 2.6	--	--	< 1.5	--	< 1.51	--	< 0.0029	< 0.0028	<0.00196	< 2.53	< 0.0106	--	--	< 2.71	< 2.53	--	0.58	300	500	300	1000	300	3000	10,000
Other Analyzed VOCs	ND	--	--	--	ND	ND	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	ND	--	ND	ND	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	--	--	ND	ND	--	ND	NS	NS	NS	NS	NS	NS	NE
EXTRACTABLE PETROLEUM HYDROCARBONS (mg/kg)																																															
C9-C18 Aliphatics	--	--	--	--	--	--	38	7.6	26	11	14	18	< 32	< 36	--	190	630	< 30	--	< 30	--	< 39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	20,000
C19-C36 Aliphatics	--	--	--	--	--	--	42	13	36	110	23	40	< 32	89	--	49	< 33	< 30	--	< 30	--	< 39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3,000	3,000	5,000	5,000	5,000	5,000	20,000
C11-C22 Aromatics	--	--	--	--	--	--	220	230	270	150	240	130	130	200	--	140	68	< 30	--	< 30	--	42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Naphthalene	<0.33	--	--	< 0.33	< 0.33	< 0.99	< 0.30	< 0.30	< 0.30	0.40	2.40	< 0.30	< 0.53	< 0.6	--	9.4	0.78	< 0.52	--	< 0.5	--	< 0.64	--	--	--	0.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	40	500	40	1,000	40	3,000	10,000
2-Methylnaphthalene	1.5	--	--	< 0.33	< 0.33	< 0.99	< 0.30	0.34	< 0.30	0.32	0.96	< 0.30	< 0.53	< 0.6	--	2.1	1.7	< 0.52	--	< 0.5	--	< 0.64	--	--	--	5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	80	300	80	500	80	500	5,000
Acenaphthylene	<0.33	--	--	< 0.33	< 0.33	1.3	< 0.30	0.35	0.5	< 0.30	0.48	< 0.30	< 0.53	< 0.6	--	< 0.58	< 0.54	< 0.52	--	< 0.5	--	< 0.64	--	--	--	< 0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	600	10	600	10	600	10	10,000
Phenanthrene	4.1	--	--	7.6	0.12	51	2.8	21	12	1.6	6.0	1.7	4.9	6.2	--	0.83	0.79	< 0.52	--	< 0.5	--	1	--	--	--	0.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	500	500	1,000	1,000	3,000	3,000	10,000
Acenaphthene	0.61	--	--	0.7	< 0.33	8.9	< 0.30	2.7	0.65	< 0.30	0.76	< 0.30	< 0.53	< 0.6	--	< 0.58	< 0.54	< 0.52	--	< 0.5	--	< 0.64	--	--	--	< 0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Fluorene	0.99	--	--	1.1	< 0.33	9.1	< 0.30	3.7	1.1	< 0.30	1.1	< 0.30	< 0.53	< 0.6	--	< 0.58	< 0.54	< 0.52	--	< 0.5	--	< 0.64	--	--	--	< 0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Anthracene	1.2	--	--	2.5	< 0.33	18	1.3	6.4	3.9	0.59	2.6	1.0	2.5	2.5	--	< 0.58	< 0.54	< 0.52	--	< 0.5	--	< 0.64	--	--	--	< 0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Fluoranthene	6.7	--	--	10	0.39	89	7.8	18	18	5.3	18	6.6	12	16	--	< 0.58	1.5	< 0.52	--	< 0.5	--	1.5	--	--	--	0.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Pyrene	6.1	--	--	7.9	0.35	78	8.7	22	22	5.0	15.0	7.0	9.6	13	--	0.6	1.2	< 0.52	--	< 0.5	--	1.3	--	--	--	0.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Benzo[a]anthracene	4.6	--	--	5.1	0.12	51	4.6	13	12	2.9	11	4.0	6.4	8.3	--	< 0.58	0.87	< 0.52	--	< 0.5	--	0.83	--	--	--	0.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	7	40	40	300	300	3,000
Chrysene	4.5	--	--	4.9	0.14	50	5.4	13	12	3.2	13	5.2	6.3	8.8	--	1.4	0.88	< 0.52	--	< 0.5	--	1	--	--	--	0.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	70	70	400	400	3,000	3,000	10,000
Benzo[b]fluoranthene	2.8	--	--	3.7	0.12	59	6.1	11	11	2.6	9.3	5.6	5.7	9.2	--	< 0.58	0.69	0.65	--	< 0.5	--	0.85	--	--	--	0.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	7	40	40	300	300	3,000
Benzo[k]fluoranthene	3.5	--	--	4	0.12	49	2.4	3.1	3.7	2.2	4.1	2.5	3	3.5	--	< 0.58	0.66	< 0.52	--	< 0.5	--	0.72	--	--	--	< 0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	70	70	400	400	3,000	3,000	10,000
Benzo[a]pyrene	3.4	--	--	4.5	0.11	66	4.3	5.0	6.9	2.1	6.5	3.9	5.6	7.9	--	< 0.58	0.8	< 0.52	--	< 0.5	--	0.95	--	--	--	0.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	2	4	4	30	30	300
Indeno[1,2,3-c,d]pyrene	1.1	--	--	2.4	0.075	54	2.4	2.0	2.0	0.94	1.70	1.60	2.6	3.9	--	< 0.58	< 0.54	< 0.52	--	< 0.5	--	< 0.64	--	--	--	0.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	7	40	40	300	300	3,000
Dibenz[a,h]anthracene	<0.33	--	--	0.83	< 0.33	19	< 1.0	< 1.0	< 1.0	< 0.60	< 1.0	< 1.0	0.76	1.1	--	< 0.58	< 0.54	< 0.52	--	< 0.5	--	< 0.64	--	--	--	< 0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7	0.7	4	4	30	30	300
Benzo[g,h,i]perylene	0.56	--	--	2.3	< 0.33	57	1.6	1.6	1.5	0.61	1.3	1.1	2.4	3.9	--	0.61	< 0.54	< 0.52	--	< 0.5	--	< 0.64	--	--	--	0.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Carbazole	<0.33	--	--	0.55	< 0.33	5.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
bis(2-Ethylhexyl)Phthalate	<0.33	--	--	< 0.33	< 0.33	< 0.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	200	200	700	700	3,000	3,000	10,000
Dibenzofuran	0.55	--	--	0.56	< 0.33	5.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE

NOTES:
mg/kg = milligrams per kilogram.
* = Denotes composite sample.
-- = Not analyzed.
NA = Datum not available.
ND = Not detected above laboratory reporting limit.
NS = No standard promulgated.
indicates values reported in historical documents but do not have corresponding analytical reports
Bold concentrations exceed laboratory method reporting limit.
RED concentrations exceed applicable MCP Method 1 Standard S-1 soil standards or TSCA Cleanup Level (1ppm)
Blue indicates Method 2 derived S-1 Standards

TABLE 1A, CONTINUED
SUMMARY OF SOIL ANALYTICAL RESULTS - NORTHERN PORTION OF LOT C-1 (TSCA CAP)

Former Nu-Brite Facility
10 1st Street
Taunton, Massachusetts

Sample Identification	SB-02		SB-03		SS-07	SS-10	SS-10-A	SS-10-B	SS-10-C	SS-10-D	SS-10-E	SS-10-F	MW-2	MW-3		B-1	B-2	B-5		B-6	TP - 4	TP-6			MW-2	TP-6 Area*	B-112		B-113		B-114		B-115		B-123	B-124	B-129	B-131	B-137		B-151	MCP Method 1 Soil Standards					MCP Upper
Depth Sampled (feet)	0 - 4	0 - 8	0 - 8	4 - 8	0 - 2	0 - 2	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 3	0 - 3	5 - 10	0 - 3	0 - 3	0 - 3	10 - 15	0 - 3	8 - 10	4 - 5	Paint	9 - 10	0 - 3	0 - 2	1 - 2	5 - 7	1 - 1.5	5 - 6	1.5 - 2.1	1.5 - 2.1 DUP	1.3 - 2	5 - 7	5 - 5.5	5 - 7	5 - 6	2.5 - 2.8	3.2 - 3.5	5 - 6.5	5 - 7	S-1	S-2	S-3			Concentration Limits
Date Sampled	1/14/02		1/14/02		1/14/02	1/14/02	8/16/04	8/16/04	8/16/04	8/16/04	8/16/04	8/16/04	7/3/08	7/3/08		7/3/08	7/3/08	7/3/08		7/3/08	7/3/08	7/3/08	7/2/08	7/2/08	7/3/08	7/30/2010	7/30/10		7/30/10		7/30/10	7/30/10	7/30/10	7/30/10	8/12/10	8/12/10	8/12/10	8/13/10	8/13/10		8/13/10	GW-2	GW-3	GW-2	GW-3	GW-2	GW-3	UCLs in Soil
POLYCHLORINATED BIPHENYLS (mg/kg)																																															
Aroclor 1254	34	--	--	< 3.9	< 0.35	0.72	--	--	--	--	--	--	< 0.086	< 0.095	--	4.9	< 0.091	--	< 0.083	--	--	< 0.01	0.19	--	< 0.091	13	--	--	--	--	--	--	--	--	--	1.7	3.5	--	--	< 0.47	--	2	2	3	3	3	3	100
Aroclor 1260	< 36	--	--	< 3.9	< 0.35	< 0.37	--	--	--	--	--	--	< 0.086	< 0.095	--	< 0.45	< 0.091	--	< 0.083	--	--	< 0.01	< 0.08	--	< 0.091	< 1.1	--	--	--	--	--	--	--	--	--	< 0.15	< 0.16	--	--	< 0.47	--	2	2	3	3	3	3	100
Aroclor 1268	--	--	--	--	--	--	--	--	--	--	--	--	< 0.086	< 0.095	--	< 0.45	< 0.091	--	< 0.083	--	--	< 0.01	< 0.08	--	< 0.091	< 1.1	--	--	--	--	--	--	--	--	--	< 0.15	< 0.16	--	--	< 0.47	--	2	2	3	3	3	3	100
Total PCBs	34	--	--	ND	ND	0.72	--	--	--	--	--	--	ND	ND	--	4.9	ND	--	ND	--	--	ND	0.19	--	ND	13	--	--	--	--	--	--	--	--	--	1.7	3.5	--	--	ND	--	2	2	3	3	3	3	100
ORGANOCHLORINE PESTICIDES (mg/kg)																																															
4,4-DDD	120	--	--	< 3.9	< 0.035	0.55	--	--	8.4	--	--	--	< 0.17	< 0.19	--	0.57	< 0.018	--	--	--	--	0.24	--	--	< 0.018	--	120	4.1	120	2.9	0.98	--	6.4	6.8	--	--	--	--	--	--	--	4	4	30	30	30	30	300
4,4-DDE	3.4	--	--	0.41	0.21	0.37	--	--	0.82	--	--	--	< 0.17	< 0.19	--	< 0.18	< 0.018	--	--	--	--	< 0.01	--	--	< 0.018	--	1.5	0.1	0.97	< 0.12	0.031	--	0.47	18	--	--	--	--	--	--	--	3	3	20	20	30	30	300
4,4-DDT	23	--	--	6	1.3	2.7	--	--	76	--	--	--	< 0.17	< 0.19	--	< 0.18	< 0.018	--	--	--	--	< 0.01	--	--	< 0.018	--	2.6	5.9	0.074	< 0.12	0.02	--	0.53	0.31	--	--	--	--	--	--	--	3	3	20	20	30	30	300
alpha-Chlordane	3.9	--	--	< 0.2	0.019	0.027	--	--	< 0.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7	0.7	30	30	50	50	500
gamma-Chlordane	< 19	--	--	< 0.2	0.02	0.031	--	--	< 0.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7	0.7	30	30	50	50	500
Chlordane	--	--	--	--	--	--	--	--	--	--	--	--	<1.7	<1.9	--	<1.8	< 0.18	--	--	--	--	< 1.0	--	--	<0.18	--	5.5	1.1	1.7	< 0.61	< 0.022	--	1.0	2.3	--	--	--	--	--	--	--	0.7	0.7	30	30	50	50	500
Heptachlor Epoxide	< 1.9	--	--	< 0.2	< 0.018	< 0.019	--	--	< 0.13	--	--	--	< 0.086	< 0.095	--	< 0.09	< 0.0091	--	--	--	--	< 0.01	--	--	< 0.0091	--	0.87	< 0.12	< 0.027	< 0.15	< 0.0055	--	< 0.11	< 0.32	--	--	--	--	--	--	--	0.09	0.09	0.7	0.7	0.7	0.7	7
Alachlor	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.0	< 0.46	< 0.11	< 0.61	< 0.022	--	< 0.42	< 1.3	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Other Analyzed Pesticides	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	ND	ND	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
METALS (mg/kg)																																															
Antimony	--	NA	<0.40	--	NA	NA	--	--	--	--	--	--	< 3.4	< 3.7	--	< 3.7	< 3.4	--	--	< 3.2	--	< 4	3.5	--	< 3.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	20	30	30	30	30	300
Arsenic	--	4.4	7.17	--	11.1	6.75	--	--	--	--	--	--	5.6	12	--	13	3.5	--	--	4.5	--	6.2	< 3	--	3.5	3.6	4.0	4.5	4.6	7.2	5.2	--	3.6	13	--	--	--	--	--	--	--	20	20	20	20	20	20	200
Barium	--	27.9	185	--	28.6	25	--	--	--	--	--	--	160	110	--	95	55	--	--	32	--	58	6,000	--	55	--	49	45	31	68	45	--	48	94	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Beryllium	--	< 0.22	0.29	--	0.582	0.544	--	--	--	--	--	--	0.42	0.6	--	1	0.6	--	--	< 3.5	--	< 0.4	< 0.3	--	0.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100	100	200	200	200	200	2000
Cadmium	--	< 0.29	0.837	--	0.328	0.23	--	--	--	--	--	--	< 0.57	0.95	--	0.89	< 0.57	--	--	< 0.53	--	< 0.66	< 0.5	--	< 0.57	0.42	0.96	< 0.29	0.54	0.61	0.39	--	< 0.26	< 0.75	--	--	--	--	--	--	--	2	2	30	30	30	30	300
Chromium	--	7.6	13	--	9.65	12.5	--	--	--	--	--	--	< 11	< 250	--	< 12	< 230	--	--	< 11	--	< 13	< 10	--	< 230	6.8	6.5	6.9	7.7	16	7.2	--	6.6	21	--	--	--	--	--	--	--	30	30	200	200	200	200	2,000
Copper	--	12.8	66.1	--	49.2	26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	350	35	45	130	25	--	17	91	--	--	--	--	--	--	--	3,000	3,000	NS	NS	NS	NS	NS
Lead	--	86.4	248	--	137	130	--	--	--	--	--	--	900	350	--	210	1,000	--	--	< 11	--	400	3,100	--	1,000	50	120	45	73	61	33	--	27	76	--	--	--	--	--	--	--	300	300	300	300	300	300	3,000
Mercury	--	< 0.044	0.332	--	0.545	0.27	--	--	--	--	--	--	0.32	0.34	--	0.22	0.28	--	--	< 0.017	--	0.59	250	--	0.28	0.21	0.16	0.13	0.4	1.0	0.85	--	0.036	0.081	--	--	--	--	--	--	--	20	20	30	30	30	30	300
Nickel	--	5.7	9.66	--	9.11	8.23	--	--	--	--	--	--	< 11	< 12	--	14	13	--	--	< 11	--	< 13	< 10	--	13	--	8.3	7.2	6.3	14	9.4	--	6.9	18	--	--	--	--	--	--	--	20	20	700	700	700	700	7,000
Selenium	--	< 0.41	< 0.86	--	< 13.1	< 13.9	--	--	--	--	--	--	< 11	< 12	--	< 12	< 11	--	--	< 11	--	< 13	< 10	--	< 11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	400	400	800	800	800	800	8,000
Silver	--	< 0.11	< 0.11	--	< 0.11	< 0.11	--	--	--	--	--	--	< 5.7	< 6.2	--	< 6.1	< 5.7	--	--	< 5.3	--	< 6.6	< 5	--	< 5.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100	100	200	200	200	200	2,000
Thallium	--	NA	< 4.72	--	< 4.13	< 4.35	--	--	--	--	--	--	< 5.7	< 6.2	--	< 6.1	< 5.7	--	--	< 5.3	--	< 6.6	< 5	--	< 5.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8	8	60	60	80	80	800
Vanadium	--	9.7	9.3	--	8.9	10.4	--	--	--	--	--	--	12	16	--	22	22	--	--	13	--	18	9	--	22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	600	600	1,000	1,000	1,000	1,000	10,000
Zinc	--	99.5	322	--	210	197	--	--	--	--	--	--	190	270	--	320	140	--	--	< 53	--	250	270	--	140	--	170	75	130	200	100	--	35	190	--	--	--	--	--	--	--	2,500	2,500	3,000	3,000	5,000	5,000	10,000
NON-PRIORITY POLLUTANT METALS (mg/kg)																																															
Aluminum	--	4,130	4,670	--	4,230	4,840	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Calcium	--	738	1,320	--	916	1,280	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Cobalt	--	4.4	5	--	4.9	3.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7	4.6	3.8	8.4	4.7	--	5.0	9.8	--	--	--	--	--	--	--	10	10	NS	NS	NS	NS	NE
Iron	--	10,200	10,900	--	10,100	10,800	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9,300	10,000	11,000	18,000	13,000	--	11,000	26,000	--	--	--	--	--	--	--	30,000	30,000	NS	NS	NS	NS	NE
Magnesium	--	1,350	1,600	--	1,210	1,780	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6,000	6,000	NS	NS	NS	NS	NE
Manganese	--	168	360	--	211	178	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	120	150	150	210	200	--	200	400	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Potassium	--	325	588	--	430	317	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Sodium	--	< 369	< 770	--	< 350	< 453	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE

NOTES:
mg/kg = milligrams per kilogram.
* = Denotes composite sample.
-- = Not analyzed.
NA = Datum not available.
ND = Not detected above laboratory reporting limit.
NS = No standard promulgated.
indicates values reported in historical documents but do not have corresponding analytical reports
Bold concentrations exceed laboratory method reporting limit.
RED concentrations exceed applicable MCP Method 1 Standard S-1 soil standards or TSCA Cleanup Level (1ppm)
Blue indicates Method 2 derived S-1 Standards

TABLE 1A, CONTINUED
SUMMARY OF SOIL ANALYTICAL RESULTS - NORTHERN PORTION OF LOT C-1 (TSCA CAP)

Former Nu-Brite Facility
10 1st Street
Taunton, Massachusetts

Sample Identification	CB-1*	SEG-1A*	SEG-1B*	CB-2*	CB-3*	B-153	B-155	B-156	B-TP-7	SB-03R	B-201	B-202	B-203	B-204	B-DUP-1	B-205	B-206	B-207	B-208	B-209	B-210	B-211	B-212	B-213	B-214	B-223	B-224	B-225	B-226	B-228	B-1R	B-324	B-325	B-326	B-327	B-328	B-329	B-330	B-331	B-332	B-333	B-334	B-335	MW-207	GW-02R	MCP Method 1 Soil Standards						MCP Upper
Depth Sampled (feet)	5 - 7	5 - 6	5 - 6	5 - 7	5 - 7	2 - 3	1 - 3	0 - 2	1 - 3	3 - 4	4 - 5	5 - 7	5 - 7	5 - 7		5 - 7	5 - 7	1 - 3	0 - 0.5 2 - 3	2 - 3.5	5 - 7	1 - 3	0-0.5 3 - 4	4 - 5	5 - 6	0 - 2	0 - 2	0 - 2 DUP-2	5 - 6	1-3 5 - 7	0-2	0 - 2	0 - 2	0 - 2 DUP-4	1 - 3	0 - 2	0 - 2	0 - 2	0 - 2 2-3	0 - 2 2 - 4	0 - 2	0 - 2	0 - 2	5-6	7.6-8.5	S-1		S-2		S-3		Concentration Limits
Date Sampled	8/12/10	8/12/10	8/12/10	8/12/10	8/13/10	9/23/10	9/23/10	9/23/10	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11		4/5/11	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11	4/6/11	4/5/11	8/1/11	8/1/11	8/1/11	8/1/11	8/1/11	8/2/11	8/2/11	8/2/11	8/1/11	8/1/11	8/1/11	8/1/11	8/1/11	8/1/11	8/1/11	GW-2	GW-3	GW-2	GW-3	GW-2	GW-3	UCLs in Soil
VOLATILE PETROLEUM HYDROCARBONS / ORGANIC COMPOUNDS (mg/kg)																																																				
C5-C8 Aliphatics	--	--	--	--	--	--	320	--	< 1,400	--	< 22	< 390	< 37	< 21	< 25	--	< 24	--	21	--	120	--	82	280	--	< 15	--	--	--	< 270	--	48	140	< 11	<15	--	--	--	--	--	--	--	--	--	< 16	--	--	--	--	100	100	500	500	500	500	5,000
C9-C12 Aliphatics	--	--	--	--	--	--	3,800	--	6,000	--	22	550	< 37	180	56	--	< 24	--	220	--	640	--	77	210	--	< 15	--	--	--	1,100	--	< 12	18	< 11	<15	--	--	--	--	--	--	--	--	--	< 16	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	20,000
C9-C10 Aromatics	--	--	--	--	--	--	3,100	--	6,500	--	26	580	< 37	140	66	--	< 24	--	360	--	700	--	93	190	--	< 15	--	--	--	1,300	--	< 12	< 15	< 11	< 15	--	--	--	--	--	--	--	--	--	< 16	--	--	--	--	100	100	500	500	500	500	5,000
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	50	400	50	400	50	400	10,000
Benzene	--	--	--	--	--	--	< 0.36	--	< 6.9	--	< 0.11	< 2.0	< 0.18	< 0.11	< 0.13	--	< 0.12	--	< 0.1	--	< 0.36	--	< 0.11	0.1	--	< 0.076	--	--	--	< 1.4	--	< 0.060	< 0.073	< 0.057	< 0.073	--	--	--	--	--	--	--	--	--	< 0.081	--	--	--	--	30	30	200	200	700	900	9,000
Toluene	--	--	--	--	--	--	4.3	--	< 6.9	--	0.14	< 2.0	< 0.18	< 0.11	< 0.13	--	< 0.12	--	< 0.1	--	< 0.36	--	0.17	0.11	--	0.75	--	--	--	< 1.4	--	< 0.060	< 0.073	< 0.057	< 0.073	--	--	--	--	--	--	--	--	--	< 0.081	--	--	--	--	500	500	1000	1000	2000	3000	10,000
Ethylbenzene	--	--	--	--	--	--	4.6	--	25	--	< 0.11	2.3	< 0.18	1.1	0.32	--	< 0.12	--	1.1	--	30	--	0.46	1.8	--	0.37	--	--	--	2.5	--	< 0.060	< 0.073	< 0.057	< 0.073	--	--	--	--	--	--	--	--	--	< 0.081	--	--	--	--	500	500	1000	1000	1000	3000	10,000
meta- & para-Xylenes	--	--	--	--	--	--	7.5	--	44	--	< 0.22	5.7	< 0.37	0.85	0.45	--	< 0.24	--	2.8	--	77	--	0.79	0.98	--	0.58	--	--	--	3.7	--	< 0.12	< 0.15	< 0.11	< 0.15	--	--	--	--	--	--	--	--	--	< 0.16	--	--	--	--	300	500	300	1000	300	3000	10,000
ortho-Xylene	--	--	--	--	--	--	21	--	190	--	0.14	2.8	< 0.18	3.9	1.2	--	< 0.12	--	6.9	--	18	--	1.7	5.6	--	0.36	--	--	--	24	--	< 0.060	< 0.073	< 0.057	< 0.073	--	--	--	--	--	--	--	--	--	< 0.081	--	--	--	--	300	500	300	1000	300	3000	10,000
Isopropylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
n-Propylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
1,3,5-Trimethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
1,2,4-Trimethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
n-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
sec-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
tert-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
p-Isopropyltoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Naphthalene	--	--	--	--	--	--	6.1	--	< 35	--	< 0.54	< 9.9	< 0.92	<0.53	<0.63	--	< 0.6	--	2.2	--	4.2	--	< 0.48	< 0.45	--	< 0.38	--	--	--	6.8	--	<0.30	<0.36	< 0.28	< 0.36	--	--	--	--	--	--	--	--	--	< 0.40	--	--	--	--	40	500	40	1000	40	3000	10,000
Total Xylenes	--	--	--	--	--	--	28.5	--	234	--	0.14	8.5	< 0.55	4.75	1.65	--	< 0.36	--	9.7	--	95	--	2.49	6.58	--	0.94	--	--	--	27.7	--	<0.18	<0.223	< 0.167	< 0.223	--	--	--	--	--	--	--	--	--	< 0.241	--	--	--	--	300	500	300	1000	300	3000	10,000
Other Analyzed VOCs	--	--	--	--	--	--	ND	--	ND	--	ND	ND	ND	ND	ND	--	ND	--	ND	--	ND	--	ND	ND	--	ND	--	--	--	ND	--				ND	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
EXTRACTABLE PETROLEUM HYDROCARBONS (mg/kg)																																																				
C9-C18 Aliphatics	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	20,000
C19-C36 Aliphatics	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3,000	3,000	5,000	5,000	5,000	5,000	20,000
C11-C22 Aromatics	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Naphthalene	--	--	--	--	--	--	--	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	40	500	40	1,000	40	3,000	10,000
2-Methylnaphthalene	--	--	--	--	--	--	--	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	80	300	80	500	80	500	5,000
Acenaphthylene	--	--	--	--	--	--	--	0.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	600	10	600	10	600	10	10,000
Phenanthrene	--	--	--	--	--	--	--	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	500	500	1,000	1,000	3,000	3,000	10,000
Acenaphthene	--	--	--	--	--	--	--	3.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Fluorene	--	--	--	--	--	--	--	3.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Anthracene	--	--	--	--	--	--	--	2.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Fluoranthene	--	--	--	--	--	--	--	8.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Pyrene	--	--	--	--	--	--	--	6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Benzo[a]anthracene	--	--	--	--	--	--	--	2.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	7	40	40	300	300	3,000
Chrysene	--	--	--	--	--	--	--	2.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	70	70	400	400	3,000	3,000	10,000
Benzo[b]fluoranthene	--	--	--	--	--	--	--	3.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	7	40	40	300	300	3,000
Benzo[k]fluoranthene	--	--	--	--	--	--	--	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	70	70	400	400	3,000	3,000	10,000
Benzo[a]pyrene	--	--	--	--	--	--	--	2.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	2	4	4	30	30	300
Indeno[1,2,3-c,d]pyrene	--	--	--	--	--	--	--	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	7	40	40	300	300	3,000
Dibenzo[a,h]anthracene	--	--	--	--	--	--	--	0.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7	0.7	4	4	30	30	300
Benzo[g,h,i]perylene	--	--	--	--	--	--	--	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Carbazole	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
bis(2-Ethylhexyl)Phthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	200	200	700	700	3,000	3,000	10,000
Dibenzofuran	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE

NOTES:
mg/kg = milligrams per kilogram.
* = Denotes composite sample.
-- = Not analyzed.
NA = Datum not available.
ND = Not detected above laboratory reporting limit.
NS = No standard promulgated.
indicates values reported in historical documents but do not have corresponding analytical reports
Bold concentrations exceed laboratory method reporting limit.
RED concentrations exceed applicable MCP Method 1 Standard S-1 soil standards or TSCA Cleanup Level (1ppm)
Blue indicates Method 2 derived S-1 Standards

TABLE 1A, CONTINUED
SUMMARY OF SOIL ANALYTICAL RESULTS - NORTHERN PORTION OF LOT C-1 (TSCA CAP)

Former Nu-Brite Facility
10 1st Street
Taunton, Massachusetts

Sample Identification	CB-1*	SEG-1A*	SEG-1B*	CB-2*	CB-3*	B-153	B-155	B-156	B-TP-7	SB-03R	B-201	B-202	B-203	B-204	B-DUP-1	B-205	B-206	B-207	B-208		B-209	B-210	B-211	B-212		B-213	B-214	B-223	B-224	B-225	B-DUP-2	B-226
Depth Sampled (feet)	5 - 7	5 - 6	5 - 6	5 - 7	5 - 7	2 - 3	1 - 3	0 - 2	1 - 3	3 - 4	4 - 5	5 - 7	5 - 7	5 - 7		5 - 7	5 - 7	1 - 3	0 - 0.5	2 - 3	2 - 3.5	5 - 7	1 - 3	0-0.5	3 - 4	4 - 5	5 - 6	0 - 2	0 - 2	0 - 2		5 - 6
Date Sampled	8/12/10	8/12/10	8/12/10	8/12/10	8/13/10	9/23/10	9/23/10	9/23/10	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11		4/5/11	4/5/11	4/5/11	4/5/11		4/5/11	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11		4/6/11
POLYCHLORINATED BIPHENYLS (mg/kg)																																
Aroclor 1254	1.6	1.5	< 0.13	1.3	<0.13	--	< 0.47	< 0.12	< 0.44	1.5	4.5	41	0.5	0.94	1.0	< 0.16	1.4	75	<0.10	32	9.1	< 2.4	1.4	<0.10	0.21	< 0.12	0.71	< 2.2	< 0.45	< 0.14	< 0.12	< 0.12
Aroclor 1260	< 0.16	< 0.16	< 0.13	< 0.45	<0.13	--	< 0.47	< 0.12	< 0.44	< 0.23	< 0.51	< 6	< 0.17	< 0.13	< 0.12	< 0.16	< 0.16	< 11	<0.10	< 4.5	< 1.3	< 2.4	< 0.44	<0.10	<0.12	< 0.12	< 0.27	< 2.2	< 0.45	< 0.14	< 0.12	< 0.12
Aroclor 1268	< 0.16	< 0.16	< 0.13	< 0.45	<0.13	--	< 0.47	< 0.12	< 0.44	< 0.23	< 0.51	< 6	< 0.17	< 0.13	< 0.12	< 0.16	< 0.16	< 11	<0.10	< 4.5	< 1.3	< 2.4	< 0.44	<0.10	<0.12	< 0.12	< 0.27	< 2.2	< 0.45	< 0.14	< 0.12	< 0.12
Total PCBs	1.6	1.5	ND	1.3	ND	--	ND	ND	ND	1.5	4.5	41	0.5	0.94	1.0	ND	1.4	75	ND	32	9.1	ND	1.4	ND	0.21	ND	0.71	ND	ND	ND	ND	ND
ORGANOCHLORINE PESTICIDES (mg/kg)																																
4,4-DDD	--	--	--	--	--	--	--	1.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4-DDE	--	--	--	--	--	--	--	0.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4-DDT	--	--	--	--	--	--	--	0.044	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-Chlordane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-Chlordane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlordane	--	--	--	--	--	--	--	0.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor Epoxide	--	--	--	--	--	--	--	< 0.0059	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Alachlor	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Analyzed Pesticides	--	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
METALS (mg/kg)																																
Antimony	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	500	--	1,400	--	--	--	680	--	210	500	--	--	--	--	--	100	--	110	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Thallium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NON-PRIORITY POLLUTANT METALS (mg/kg)																																
Aluminum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cobalt	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potassium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Sample Identification	B-1R	B-324	B-325	B-326		B-327	B-328	B-329	B-330	B-331		B-332		B-333	B-334	B-335	MW-207	GW-02R	MCP Method 1 Soil Standards						MCP Upper
Depth Sampled (feet)	0-2	0 - 2	0 - 2	0 - 2	DUP-4	1 - 3	0 - 2	0 - 2	0 - 2	0 - 2	2 - 3	0 - 2	2 - 4	0 - 2	0 - 2	0 - 2	5-6	7.6-8.5	S-1		S-2		S-3		Concentration Limits
Date Sampled	8/1/11	8/1/11	8/1/11	8/1/11	8/1/11	8/2/11	8/2/11	8/2/11	8/2/11	8/2/11	8/1/11	8/1/11	8/1/11	8/1/11	8/1/11	8/1/11	8/1/11	8/1/11	GW-2	GW-3	GW-2	GW-3	GW-2	GW-3	UCLs in Soil
POLYCHLORINATED BIPHENYLS (mg/kg)																									
Aroclor 1254	3.9	14	0.44	4.4	2.7	50	4.3	0.44	8.9	25	<0.10	2.7	5.6	1.2	180	--	0.52	< 0.1	2	2	3	3	3	3	100
Aroclor 1260	< 0.42	< 2.2	< 0.10	< 1.1	< 0.43	<20	<1.0	< 0.11	< 2.1	< 2.3	<0.10	< 0.42	< 2.0	<0.10	< 24	--	< 0.091	< 0.1	2	2	3	3	3	3	100
Aroclor 1268	< 0.42	< 2.2	< 0.10	< 1.1	< 0.43	<20	<1.0	< 0.11	< 2.1	< 2.3	<0.10	< 0.42	< 2.0	<0.10	< 24	--	< 0.091	< 0.1	2	2	3	3	3	3	100
Total PCBs	3.9	14	0.44	4.4	2.7	50	4.3	0.44	8.9	25	ND	2.7	5.6	1.2	180	--	0.52	ND	2	2	3	3	3	3	100
ORGANOCHLORINE PESTICIDES (mg/kg)																									
4,4-DDD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	4	30	30	30	30	300
4,4-DDE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3	3	20	20	30	30	300
4,4-DDT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3	3	20	20	30	30	300
alpha-Chlordane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7	0.7	30	30	50	50	500
gamma-Chlordane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7	0.7	30	30	50	50	500
Chlordane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7	0.7	30	30	50	50	500
Heptachlor Epoxide	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.09	0.09	0.7	0.7	0.7	0.7	7
Alachlor	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Other Analyzed Pesticides	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
METALS (mg/kg)																									
Antimony	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	20	30	30	30	30	300
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	20	20	20	20	20	200
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Beryllium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100	100	200	200	200	200	2000
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	2	30	30	30	30	300
Chromium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	30	30	200	200	200	200	2,000
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3,000	3,000	NS	NS	NS	NS	NS
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,300	--	--	300	300	300	300	300	300	3,000
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	20	30	30	30	30	300
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	20	700	700	700	700	7,000
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	400	400	800	800	800	800	8,000
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100	100	200	200	200	200	2,000
Thallium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8	8	60	60	80	80	800
Vanadium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	600	600	1,000	1,000	1,000	1,000	10,000
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2,500	2,500	3,000	3,000	5,000	5,000	10,000
NON-PRIORITY POLLUTANT METALS (mg/kg)																									
Aluminum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Cobalt	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10	10	NS	NS	NS	NS	NE
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	30,000	30,000	NS	NS	NS	NS	NE
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6,000	6,000	NS	NS	NS	NS	NE
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Potassium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Sodium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE

NOTES:
mg/kg = milligrams per kilogram.
* = Denotes composite sample.
-- = Not analyzed.
NA = Datum not available.
ND = Not detected above laboratory reporting limit.
NS = No standard promulgated.
indicates values reported in historical documents but do not have corresponding analytical reports
Bold concentrations exceed laboratory method reporting limit.
RED concentrations exceed applicable MCP Method 1 Standard S-1 soil standards or TSCA Cleanup Level (1ppm)
Blue indicates Method 2 derived S-1 Standards

TABLE 1B
SUMMARY OF SOIL ANALYTICAL RESULTS - SOUTHERN PORTION OF LOT C-1 (NON-CAP)

Former Nu-Brite Facility
10 1st Street
Taunton, Massachusetts

Sample Identification	SB-01		SB-04		B-7	B-8	B-116		B-117		B-118		B-140	B-144	B-148	SEG-3A*	SEG-3B*	B-215	B-216	B-217	B-218	B-219		B-220		B-221		B-222		MW-336	B-318	B-401		B-402		B-403		B-404		MCP Method 1 Soil Standards						MCP Upper
Depth Sampled (feet)	0 - 8	8 - 12	0 - 8	4 - 8	0 - 3	5 - 10	0 - 2	5 - 7	0 - 1.5	5 - 6.5	0 - 2	5 - 6	5 - 7	5 - 7	5 - 6	5 - 7	5 - 7	0 - 2	0 - 2	5 - 6	0 - 2	0 - 2	5 - 7	1 - 3	5-7	0 - 2	5-7	0 - 2	5-6	0 - 2	0 - 2	0-2	1.5	1.5	5-7	0-2	5.2	5-7	7.6	S-1		S-2		S-3		Concentration Limits
Date Sampled	1/14/02		1/14/02		7/3/08	7/2/08	7/30/10	7/30/10	7/30/10	7/30/10	7/30/10	7/30/10	8/13/10	8/13/10	8/13/10	8/13/10	8/13/10	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11		4/5/11		4/5/11		4/5/11		8/1/11	8/1/11	5/11/12	5/11/12	5/11/12	5/11/12	5/11/12	5/11/12	5/11/12	5/11/12	GW-2	GW-3	GW-2	GW-3	GW-2	GW-3	UCLs in Soil
VOLATILE PETROLEUM HYDROCARBONS / ORGANIC COMPOUNDS (mg/kg)																																															
C5-C8 Aliphatics	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	120	--	--	< 16	--	--	--	--	--	--	--	--	--	<11	<14	--	--	<9.8	--	<12	100	100	500	500	500	500	5,000
C9-C12 Aliphatics	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	450	--	--	< 16	--	--	--	--	--	--	--	--	--	24	<14	--	--	13	--	<12	1,000	1,000	3,000	3,000	5,000	5,000	20,000
C9-C10 Aromatics	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	430	--	--	< 16	--	--	--	--	--	--	--	--	--	39	<14	--	--	13	--	<12	100	100	500	500	500	500	5,000
Acetone	--	0.042	--	37	--	< 0.44	--	--	--	--	--	--	<5.3	<3.1	<0.047	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	50	400	50	400	50	400	10,000
Benzene	--	< 0.12	--	< 0.13	--	< 0.28	--	--	--	--	--	--	<0.11	<0.062	<0.00094	--	--	--	--	< 0.076	--	--	< 0.80	--	--	--	--	--	--	--	--	--	<0.056	<0.071	--	--	<0.049	--	<0.060	30	30	200	200	700	900	9,000
Toluene	--	< 0.12	--	< 0.13	--	< 0.28	--	--	--	--	--	--	<0.11	<0.062	<0.00094	--	--	--	--	< 0.076	--	--	0.096	--	--	--	--	--	--	--	--	--	1.8	<0.071	--	--	<0.049	--	<0.060	500	500	1000	1000	2000	3000	10,000
Ethylbenzene	--	1.4	--	< 0.01	--	< 0.28	--	--	--	--	--	--	0.92	<0.062	<0.00094	--	--	--	--	2.9	--	--	< 0.080	--	--	--	--	--	--	--	--	--	<0.056	<0.071	--	--	0.12	--	<0.060	500	500	1000	1000	1000	3000	10,000
meta- & para-Xylenes	--	NA	--	< 0.13	--	< 0.28	--	--	--	--	--	--	1.1	<0.12	<0.0019	--	--	--	--	1.5	--	--	0.23	--	--	--	--	--	--	--	--	--	<0.11	<0.14	--	--	1.0	--	<0.12	300	500	300	1000	300	3000	10,000
ortho-Xylene	--	NA	--	< 0.13	--	< 0.28	--	--	--	--	--	--	0.15	<0.062	<0.00094	--	--	--	--	6.5	--	--	0.15	--	--	--	--	--	--	--	--	--	0.089	<0.071	--	--	0.28	--	<0.060	300	500	300	1000	300	3000	10,000
Isopropylbenzene	--	0.44	--	< 0.01	--	< 0.28	--	--	--	--	--	--	1.9	0.13	<0.00094	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
n-Propylbenzene	--	1.3	--	< 0.13	--	0.31	--	--	--	--	--	--	3.2	0.37	<0.00094	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
1,3,5-Trimethylbenzene	--	6.3	--	0.13	--	1.7	--	--	--	--	--	--	0.43	<0.31	<0.00094	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
1,2,4-Trimethylbenzene	--	16	--	0.3	--	2.7	--	--	--	--	--	--	3	0.45	<0.00094	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
n-Butylbenzene	--	< 0.12	--	< 0.13	--	< 0.28	--	--	--	--	--	--	2.3	0.59	<0.00094	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
sec-Butylbenzene	--	0.83	--	< 0.13	--	0.34	--	--	--	--	--	--	1.7	0.49	<0.00094	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
tert-Butylbenzene	--	< 0.12	--	< 0.13	--	< 0.28	--	--	--	--	--	--	0.32	0.089	<0.00094	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
p-Isopropyltoluene	--	6.4	--	< 0.13	--	0.35	--	--	--	--	--	--	0.51	<0.062	<0.00094	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Naphthalene	--	2.8	--	0.22	--	< 0.28	--	--	--	--	--	--	1.4	<0.12	<0.0019	--	--	--	--	1.8	--	--	10	--	--	--	--	--	--	--	--	--	<0.28	<0.36	--	--	<0.25	--	<0.30	40	500	40	1000	40	3000	10,000
Total Xylenes	--	5.0	--	< 0.01	--	< 0.56	--	--	--	--	--	--	1.25	<0.182	<0.00284	--	--	--	--	8.0	--	--	0.38	--	--	--	--	--	--	--	--	--	0.089	<0.211	--	--	1.28	--	<0.180	300	500	300	1000	300	3000	10,000
Other Analyzed VOCs	--	ND	--	ND	--	ND	--	--	--	--	--	--	ND	ND	ND	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
EXTRACTABLE PETROLEUM HYDROCARBONS (mg/kg)																																															
C9-C18 Aliphatics	--	--	--	--	< 30	550	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	20,000
C19-C36 Aliphatics	--	--	--	--	< 30	110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3,000	3,000	5,000	5,000	5,000	5,000	20,000
C11-C22 Aromatics	--	--	--	--	< 30	250	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Naphthalene	--	< 0.33	--	0.4	< 0.5	< 0.52	< 0.18	< 0.19	< 0.18	< 0.19	0.58	< 0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	40	500	40	1,000	40	3,000	10,000
2-Methylnaphthalene	--	< 0.33	--	0.11	< 0.5	4.7	< 0.18	< 0.19	< 0.18	< 0.19	0.23	< 0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	80	300	80	500	80	500	5,000
Acenaphthylene	--	< 0.33	--	0.61	< 0.5	< 0.52	< 0.18	< 0.19	< 0.18	< 0.19	1.7	< 0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	600	10	600	10	600	10	10,000
Phenanthrene	--	< 0.33	--	7.3	< 0.5	0.91	< 0.18	< 0.19	< 0.18	< 0.19	21	0.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	500	500	1,000	1,000	3,000	3,000	10,000
Acenaphthene	--	< 0.33	--	0.5	< 0.5	1.3	< 0.18	< 0.19	< 0.18	< 0.19	0.35	< 0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Fluorene	--	< 0.33	--	0.22	< 0.5	1.1	< 0.18	< 0.19	< 0.18	< 0.19	2.1	< 0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Anthracene	--	< 0.33	--	0.43	< 0.5	< 0.52	< 0.18	< 0.19	< 0.18	< 0.19	5.2	< 0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Fluoranthene	--	0.068	--	1.6	< 0.5	< 0.52	< 0.18	< 0.19	< 0.18	< 0.19	20	0.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Pyrene	--	0.061	--	1.4	< 0.5	< 0.52	< 0.18	< 0.19	< 0.18	< 0.19	18	0.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Benzo[a]anthracene	--	< 0.33	--	0.74	< 0.5	< 0.52	< 0.18	< 0.19	< 0.18	< 0.19	7.9	0.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	7	40	40	300	300	3,000
Chrysene	--	0.041	--	0.75	< 0.5	< 0.52	< 0.18	< 0.19	< 0.18	< 0.19	6.8	0.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	70	70	400	400	3,000	3,000	10,000
Benzo[b]fluoranthene	--	< 0.33	--	0.64	< 0.5	< 0.52	< 0.18	< 0.19	< 0.18	< 0.19	8	0.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	7	40	40	300	300	3,000
Benzo[k]fluoranthene	--	0.038	--	0.49	< 0.5	< 0.52	< 0.18	< 0.19	< 0.18	< 0.19	2	< 0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	70	70	400	400	3,000	3,000	10,000
Benzo[a]pyrene	--	< 0.33	--	0.57	< 0.5	< 0.52	< 0.18	< 0.19	< 0.18	< 0.19	6.7	0.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	2	4	4	30	30	300
Indeno[1,2,3-c,d]pyrene	--	< 0.33	--	0.16	< 0.5	< 0.52	< 0.18	< 0.19	< 0.18	< 0.19	4.1	0.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	7	40	40	300	300	3,000
Dibenzo[a,h]anthracene	--	< 0.33	--	0.58	< 0.5	< 0.52	< 0.18	< 0.19	< 0.18	< 0.19	0.87	< 0.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7	0.7	4	4	30	30	300
Benzo[g,h,i]perylene	--	< 0.33	--	0.72	< 0.5	< 0.52	< 0.18	< 0.19	< 0.18	< 0.19	3.6	0.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Carbazole	--	< 0.33	--	0.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
bis(2-Ethylhexyl)Phthalate	--	0.13	--	0.057	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	200	200	700	700	3,000	3,000	10,000
Dibenzofuran	--	< 0.33	--	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE

NOTES:
mg/kg = milligrams per kilogram.
* = Denotes composite sample.
-- = Not analyzed.
NA = Datum not available.
ND = Not detected above laboratory reporting limit.
NS = No standard promulgated.
indicates values reported in historical documents but do not have corresponding analytical reports
Bold concentrations exceed laboratory method reporting limit.
RED concentrations exceed applicable MCP Method 1 Standard S-1 soil standards or TSCA Cleanup Level (1ppm)
Blue indicates Method 2 derived S-1 Standards

TABLE 1B, CONTINUED
SUMMARY OF SOIL ANALYTICAL RESULTS - SOUTHERN PORTION OF LOT C-1 (NON-CAP)

Former Nu-Brite Facility
10 1st Street
Taunton, Massachusetts

Sample Identification	SB-01		SB-04		B-7	B-8	B-116		B-117		B-118		B-140	B-144	B-148	SEG-3A*	SEG-3B*	B-215	B-216	B-217	B-218	B-219		B-220		B-221		B-222		MW-336	B-318	B-401		B-402		B-403		B-404		MCP Method 1 Soil Standards						MCP Upper
Depth Sampled (feet)	0 - 8	8 - 12	0 - 8	4 - 8	0 - 3	5 - 10	0 - 2	5 - 7	0 - 1.5	5 - 6.5	0 - 2	5 - 6	5 - 7	5 - 7	5 - 6	5 - 7	5 - 7	0 - 2	0 - 2	5 - 6	0 - 2	0 - 2	5 - 7	1 - 3	5-7	0 - 2	5-7	0 - 2	5-6	0 - 2	0 - 2	0-2	1.5	1.5	5-7	0-2	5.2	5-7	7.6	S-1		S-2		S-3		Concentration Limits
Date Sampled	1/14/02		1/14/02		7/3/08	7/2/08	7/30/10	7/30/10	7/30/10	7/30/10	7/30/10	7/30/10	8/13/10	8/13/10	8/13/10	8/13/10	8/13/10	4/5/11	4/5/11	4/5/11	4/5/11	4/5/11		4/5/11		4/5/11		4/5/11		8/1/11	8/1/11	5/11/12	5/11/12	5/11/12	5/11/12	5/11/12	5/11/12	5/11/12	5/11/12	GW-2	GW-3	GW-2	GW-3	GW-2	GW-3	UCLs in Soil
POLYCHLORINATED BIPHENYLS (mg/kg)																																															
Aroclor 1254	--	< 0.35	--	0.38	--	< 0.083	< 0.11	< 0.11	< 0.11	< 0.11	<0.10	< 0.11	--	--	--	<0.11	<0.11	<0.11	0.13	<0.11	< 0.42	< 0.11	<0.12	< 0.10	<0.11	< 0.43	<1.0	< 0.12	<0.12	--	0.85	<0.11	--	--	<0.11	<0.11	--	<0.11	--	2	2	3	3	3	3	100
Aroclor 1260	--	< 0.35	--	< 0.037	--	< 0.083	< 0.11	< 0.11	< 0.11	< 0.11	<0.10	< 0.11	--	--	--	<0.11	<0.11	<0.11	<0.11	<0.11	< 0.42	< 0.11	<0.12	< 0.10	<0.11	< 0.43	<1.0	< 0.12	<0.12	--	<0.11	<0.11	--	--	<0.11	<0.11	--	<0.11	--	2	2	3	3	3	3	100
Aroclor 1268	--	--	--	--	--	< 0.083	< 0.11	< 0.11	< 0.11	< 0.11	0.19	< 0.11	--	--	--	<0.11	<0.11	<0.11	<0.11	<0.11	< 0.42	< 0.11	<0.12	< 0.10	<0.11	< 0.43	<1.0	< 0.12	<0.12	--	<0.11	<0.11	--	--	<0.11	<0.11	--	<0.11	--	2	2	3	3	3	3	100
Total PCBs	--	ND	--	0.38	--	ND	ND	ND	ND	ND	0.19	ND	--	--	--	ND	ND	ND	0.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	0.85	<0.11	--	--	<0.11	<0.11	--	<0.11	--	2	2	3	3	3	3	100
ORGANOCHLORINE PESTICIDES (mg/kg)																																															
4,4-DDD	--	1.5	--	0.073	--	< 0.083	0.0081	0.013	< 0.0043	0.14	0.036	< 0.0044	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.097	--	--	0.011	0.075	--	0.0067	--	4	4	30	30	30	30	300
4,4-DDE	--	0.066	--	0.14	--	< 0.083	< 0.0043	0.021	0.0055	0.037	0.049	< 0.0044	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.42	--	--	0.0089	0.086	--	0.022	--	3	3	20	20	30	30	300
4,4-DDT	--	0.25	--	0.2	--	0.1	< 0.0043	0.022	0.012	0.13	0.046	< 0.0044	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.9	--	--	0.086	0.03	--	0.21	--	3	3	20	20	30	30	300
alpha-Chlordane	--	0.037	--	< 0.0019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7	0.7	30	30	50	50	500
gamma-Chlordane	--	0.033	--	< 0.0019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7	0.7	30	30	50	50	500
Chlordane	--	--	--	--	--	<0.83	< 0.022	< 0.022	< 0.021	< 0.11	<0.10	< 0.022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.06	--	--	<0.021	<0.022	--	<0.022	--	0.7	0.7	30	30	50	50	500
Heptachlor Epoxide	--	< 0.018	--	< 0.019	--	< 0.042	< 0.0054	< 0.0055	< 0.0053	< 0.027	<0.026	< 0.0055	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.0055	--	--	<0.0053	<0.0056	--	<0.0055	--	0.09	0.09	0.7	0.7	0.7	0.7	7
Alachlor	--	--	--	--	--	--	< 0.022	< 0.022	< 0.021	< 0.11	<0.10	< 0.022	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Other Analyzed Pesticides	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	ND	ND	--	ND	--	NS	NS	NS	NS	NS	NS	NE
METALS (mg/kg)																																															
Antimony	NA	--	NA	--	--	4.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	20	30	30	30	30	300
Arsenic	3.7	--	12.3	--	--	9	2.9	6.0	3.2	4.6	7.8	7.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4..7	5.8	--	--	--	5.2	--	--	--	20	20	20	20	20	20	200
Barium	19.6	--	124	--	--	56	15	120	14	99	190	28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	29	--	--	--	39	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Beryllium	< 0.24	--	< 0.28	--	--	0.62	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100	100	200	200	200	200	2000
Cadmium	< 0.072	--	--	--	--	< 0.79	< 0.29	< 0.30	< 0.27	0.41	0.68	0.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	2	30	30	30	30	300
Chromium	7.6	--	15.15	--	--	< 32	4.7	8.4	5.1	8.0	10	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	30	30	200	200	200	200	2,000
Copper	17.8	--	59.8	--	--	--	6.7	17	8.3	14	38	8.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3,000	3,000	NS	NS	NS	NS	NS
Lead	20.3	--	275	--	--	27	5.5	120	7.3	130	320	15	--	--	--	--	--	230	--	--	--	--	--	--	--	--	--	--	--	--	380	96	--	--	--	46	--	--	--	300	300	300	300	300	300	3,000
Mercury	< 0.044	--	< 0.043	--	--	< 0.026	< 0.011	0.11	< 0.014	0.12	0.14	< 0.011	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	20	30	30	30	30	300
Nickel	8.3	--	17.8	--	--	26	4.9	7.7	6.1	7.5	9.6	9.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	20	700	700	700	700	7,000
Selenium	< 0.53	--	< 2.3	--	--	< 16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	400	400	800	800	800	800	8,000
Silver	0.81	--	< 0.11	--	--	< 7.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100	100	200	200	200	200	2,000
Thallium	NA	--	NA	--	--	< 7.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8	8	60	60	80	80	800
Vanadium	7.9	--	28.4	--	--	25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	600	600	1,000	1,000	1,000	1,000	10,000
Zinc	47.2	--	100	--	--	83	17	75	21	120	170	130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2,500	2,500	3,000	3,000	5,000	5,000	10,000
NON-PRIORITY POLLUTANT METALS (mg/kg)																																															
Aluminum	4,990	--	3,680	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Calcium	1,040	--	1,700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Cobalt	28.9	--	9.7	--	--	--	4.1	7.9	5.2	6.1	6.6	4.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.2	--	--	--	6.5	--	--	--	10	10	NS	NS	NS	NS	NE
Iron	10,900	--	74,000	--	--	--	9,000	15,000	11,000	15,000	19,000	15,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	13,000	11,000	--	--	--	13,000	--	--	--	30,000	30,000	NS	NS	NS	NS	NE
Magnesium	1,990	--	882	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6,000	6,000	NS	NS	NS	NS	NE
Manganese	279	--	683	--	--	--	220	630	290	1,200	340	230	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	260	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Potassium	554	--	350	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Sodium	< 328	--	< 367	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE

NOTES:
mg/kg = milligrams per kilogram.
* = Denotes composite sample.
-- = Not analyzed.
NA = Datum not available.
ND = Not detected above laboratory reporting limit.
NS = No standard promulgated.
indicates values reported in historical documents but do not have corresponding analytical reports
Bold concentrations exceed laboratory method reporting limit.
RED concentrations exceed applicable MCP Method 1 Standard S-1 soil standards or TSCA Cleanup Level (1ppm)
Blue indicates Method 2 derived S-1 Standards

TABLE 1B, CONTINUED
SUMMARY OF SOIL ANALYTICAL RESULTS - SOUTHERN PORTION OF LOT C-1 (NON-CAP)

Former Nu-Brite Facility
10 1st Street
Taunton, Massachusetts

Sample Identification	B-405		B-406	B-407		B-408		B-409		B-410			B-411		B-412		B-413		B-414			B-415		B-416		B-417		B-418			B-419			B-420		B-421	MCP Method 1 Soil Standards						MCP Upper
Depth Sampled (feet)	0-2	5.75	6	5-7	7	0.5-2	7.6	7.7	DUP-1	0.5-2	DUP-2	7.5	0.5-2	6	5-7	6.5	5-7	5.5	0.5-2	5-6.5	5.5	5-7	5.9	0-2	2	1	5-6.5	0-2	5-7	5.5	0.5-2	6	DUP	5-6.5	5.5	6.8	S-1		S-2		S-3		Concentration Limits
Date Sampled	5/11/12	5/11/12	5/11/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/11/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/11/12	5/11/12	5/11/12	5/11/12	5/10/12	5/10/12	5/11/12	5/11/12	5/11/12	5/10/12	5/10/12	5/10/12	5/11/12	5/11/12	5/11/12	GW-2	GW-3	GW-2	GW-3	GW-2	GW-3	UCLs in Soil
VOLATILE PETROLEUM HYDROCARBONS / ORGANIC COMPOUNDS (mg/kg)																																											
C5-C8 Aliphatics	--	<11	<15	--	<11	--	<8.9	<12	<14	--	--	450	--	610	--	300	--	390	--	--	400	--	2,300	--	<12	<11	--	--	--	170	--	450	280	--	750	130	100	100	500	500	500	500	5,000
C9-C12 Aliphatics	--	<11	<15	--	<11	--	<8.9	<12	<14	--	--	1,100	--	170	--	610	--	1,400	--	--	1,200	--	770	--	15	<11	--	--	--	180	--	300	170	--	1,900	280	1,000	1,000	3,000	3,000	5,000	5,000	20,000
C9-C10 Aromatics	--	<11	<15	--	<11	--	<8.9	<12	<14	--	--	1,800	--	140	--	960	--	1,600	--	--	1,400	--	1,000	--	<12	<11	--	--	--	260	--	310	200	--	2,300	520	100	100	500	500	500	500	5,000
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	50	400	50	400	50	400	10,000
Benzene	--	<0.054	<0.075	--	<0.054	--	<0.045	<0.062	<0.068	--	--	<1.3	--	<0.55	--	<1.1	--	<1.1	--	--	<0.60	--	<0.80	--	<0.058	<0.055	--	--	--	<0.45	--	<0.82	<0.60	--	<1.3	<0.62	30	30	200	200	700	900	9,000
Toluene	--	<0.054	<0.075	--	<0.054	--	<0.045	<0.062	<0.068	--	--	<1.3	--	3.1	--	<1.1	--	<1.1	--	--	<0.60	--	<0.80	--	0.38	<0.055	--	--	--	<0.45	--	<0.82	<0.60	--	<1.3	<0.62	500	500	1000	1000	2000	3000	10,000
Ethylbenzene	--	<0.054	<0.075	--	<0.054	--	<0.045	<0.062	<0.068	--	--	110	--	2.0	--	3.1	--	7.9	--	--	6.1	--	2.5	--	<0.058	<0.055	--	--	--	0.74	--	<0.82	1.2	--	13	180	500	500	1000	1000	1000	3000	10,000
meta- & para-Xylenes	--	<0.11	<0.15	--	<0.11	--	<0.089	<0.12	<0.14	--	--	210	--	4.2	--	3.7	--	5.3	--	--	4.7	--	3.7	--	<0.12	<0.11	--	--	--	1.6	--	<1.6	2.3	--	7.4	510	300	500	300	1000	300	3000	10,000
ortho-Xylene	--	<0.054	<0.075	--	<0.054	--	<0.045	<0.062	<0.068	--	--	53	--	2.6	--	4.2	--	14	--	--	19	--	6.7	--	<0.058	<0.055	--	--	--	1.5	--	1.8	1.2	--	29	29	300	500	300	1000	300	3000	10,000
Isopropylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
n-Propylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
1,3,5-Trimethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
1,2,4-Trimethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
n-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
sec-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
tert-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
p-Isopropyltoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Naphthalene	--	<0.27	<0.37	--	<0.27	--	<0.22	<0.31	<0.34	--	--	70	--	<2.8	--	9.4	--	<5.3	--	--	<3.0	--	<4.0	--	<0.29	<0.28	--	--	--	<2.3	--	<4.1	<3.0	--	<6.4	8.0	40	500	40	1000	40	3000	10,000
Total Xylenes	--	<0.164	<0.225	--	<0.164	--	<0.134	<0.182	<0.208	--	--	263	--	6.8	--	7.9	--	19.3	--	--	23.7	--	10.4	--	<0.178	<0.165	--	--	--	3.1	--	1.8	3.5	--	36.4	539	300	500	300	1000	300	3000	10,000
Other Analyzed VOCs	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
EXTRACTABLE PETROLEUM HYDROCARBONS (mg/kg)																																											
C9-C18 Aliphatics	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	20,000
C19-C36 Aliphatics	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3,000	3,000	5,000	5,000	5,000	5,000	20,000
C11-C22 Aromatics	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Naphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	40	500	40	1,000	40	3,000	10,000
2-Methylnaphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	80	300	80	500	80	500	5,000
Acenaphthylene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	600	10	600	10	600	10	10,000
Phenanthrene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	500	500	1,000	1,000	3,000	3,000	10,000
Acenaphthene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Fluorene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Anthracene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Pyrene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Benzo[a]anthracene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	7	40	40	300	300	3,000
Chrysene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	70	70	400	400	3,000	3,000	10,000
Benzo[b]fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	7	40	40	300	300	3,000
Benzo[k]fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	70	70	400	400	3,000	3,000	10,000
Benzo[a]pyrene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	2	4	4	30	30	300
Indeno[1,2,3-c,d]pyrene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7	7	40	40	300	300	3,000
Dibenzo[a,h]anthracene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7	0.7	4	4	30	30	300
Benzo[g,h,i]perylene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Carbazole	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
bis(2-Ethylhexyl)Phthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	200	200	700	700	3,000	3,000	10,000
Dibenzofuran	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE

NOTES:
mg/kg = milligrams per kilogram.
* = Denotes composite sample.
-- = Not analyzed.
NA = Datum not available.
ND = Not detected above laboratory reporting limit.
NS = No standard promulgated.

Bold concentrations exceed laboratory method reporting limit.
RED concentrations exceed applicable MCP Method 1 Standard S-1 soil standards or TSCA Cleanup Level (1ppm)
Blue indicates Method 2 derived S-1 Standards

TABLE 1B, CONTINUED
SUMMARY OF SOIL ANALYTICAL RESULTS - SOUTHERN PORTION OF LOT C-1 (NON-CAP)

Former Nu-Brite Facility
10 1st Street
Taunton, Massachusetts

Sample Identification	B-405		B-406	B-407		B-408		B-409		B-410			B-411		B-412		B-413		B-414		
Depth Sampled (feet)	0-2	5.75	6	5-7	7	0.5-2	7.6	7.7	DUP-1	0.5-2	DUP-2	7.5	0.5-2	6	5-7	6.5	5-7	5.5	0.5-2	5-6.5	5.5
Date Sampled	5/11/12	5/11/12	5/11/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/11/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12	5/10/12
POLYCHLORINATED BIPHENYLS (mg/kg)																					
Aroclor 1254	<0.10	--	--	<0.43	--	<0.42	--	--	--	<0.43	<0.45	--	<0.46	--	<0.47	--	<0.49	--	<0.42	--	--
Aroclor 1260	<0.10	--	--	<0.43	--	<0.42	--	--	--	<0.43	<0.45	--	<0.46	--	<0.47	--	<0.49	--	<0.42	--	--
Aroclor 1268	<0.10	--	--	<0.43	--	<0.42	--	--	--	<0.43	<0.45	--	<0.46	--	<0.47	--	<0.49	--	<0.42	--	--
Total PCBs	<0.10	--	--	<0.43	--	<0.42	--	--	--	<0.43	<0.45	--	<0.46	--	<0.47	--	<0.49	--	<0.42	--	--
ORGANOCHLORINE PESTICIDES (mg/kg)																					
4,4-DDD	0.055	--	--	57	--	0.19	--	--	--	27	24	--	110	--	32	--	22	--	500	--	--
4,4-DDE	0.33	--	--	0.47	--	0.29	--	--	--	0.2	0.16	--	3.1	--	0.15	--	0.18	--	5	--	--
4,4-DDT	2.3	--	--	14	--	4.6	--	--	--	<0.043	<0.044	--	22	--	<0.095	--	<0.096	--	1.1	--	--
alpha-Chlordane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-Chlordane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlordane	<0.21	--	--	4.2	--	1.4	--	--	--	2.4	1.5	--	0.82	--	0.7	--	0.64	--	1.7	--	--
Heptachlor Epoxide	<0.051	--	--	<0.11	--	<0.052	--	--	--	<0.054	<0.055	--	<0.11	--	<0.12	--	<0.12	--	<0.11	--	--
Alachlor	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other Analyzed Pesticides	ND	--	--	ND	--	ND	--	--	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	--
METALS (mg/kg)																					
Antimony	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic	5.1	--	--	--	--	--	--	--	--	4.0	2.8	--	--	--	--	--	--	--	--	<2.7	--
Barium	28	--	--	--	--	--	--	--	--	36	31	--	--	--	--	--	--	--	--	40	--
Beryllium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	48	--	--	--	--	--	--	--	--	67	18	--	--	--	--	--	--	--	--	65	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Thallium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NON-PRIORITY POLLUTANT METALS (mg/kg)																					
Aluminum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cobalt	7.2	--	--	--	--	--	--	--	--	5.8	6	--	--	--	--	--	--	--	--	6.5	--
Iron	12,000	--	--	--	--	--	--	--	--	11,000	11,000	--	--	--	--	--	--	--	--	15,000	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potassium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Sample Identification	B-415		B-416		B-417		B-418			B-419			B-420		B-421	MCP Method 1 Soil Standards						MCP Upper
Depth Sampled (feet)	5-7	5.9	0-2	2	1	5-6.5	0-2	5-7	5.5	0.5-2	6	DUP	5-6.5	5.5	6.8	S-1		S-2		S-3		Concentration Limits
Date Sampled	5/11/12	5/11/12	5/11/12	5/11/12	5/10/12	5/10/12	5/11/12	5/11/12	5/11/12	5/10/12	5/10/12	5/10/12	5/11/12	5/11/12	5/10/12	GW-2	GW-3	GW-2	GW-3	GW-2	GW-3	UCLs in Soil
POLYCHLORINATED BIPHENYLS (mg/kg)																						
Aroclor 1254	<0.47	--	<0.43	--	--	<0.11	--	<0.49	--	<0.43	--	--	<.45	--	--	2	2	3	3	3	3	100
Aroclor 1260	<0.47	--	<0.43	--	--	<0.11	--	<0.49	--	<0.43	--	--	<.45	--	--	2	2	3	3	3	3	100
Aroclor 1268	<0.47	--	<0.43	--	--	<0.11	--	<0.49	--	<0.43	--	--	<.45	--	--	2	2	3	3	3	3	100
Total PCBs	<0.47	--	<0.43	--	--	<0.11	--	<0.49	--	<0.43	--	--	<.45	--	--	2	2	3	3	3	3	100
ORGANOCHLORINE PESTICIDES (mg/kg)																						
4,4-DDD	1.6	--	1.3	--	--	0.029	--	0.015	--	71	--	--	11	--	--	4	4	30	30	30	30	300
4,4-DDE	0.47	--	2.3	--	--	0.084	--	0.015	--	1.6	--	--	0.16	--	--	3	3	20	20	30	30	300
4,4-DDT	0.51	--	55	--	--	0.12	--	0.064	--	55	--	--	0.096	--	--	3	3	20	20	30	30	300
alpha-Chlordane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7	0.7	30	30	50	50	500
gamma-Chlordane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7	0.7	30	30	50	50	500
Chlordane	0.27	--	4.0	--	--	<0.021	--	<0.025	--	<0.43	--	--	0.27	--	--	0.7	0.7	30	30	50	50	500
Heptachlor Epoxide	<0.029	--	<0.11	--	--	<0.0053	--	<0.0062	--	<0.11	--	--	< 0.058	--	--	0.09	0.09	0.7	0.7	0.7	0.7	7
Alachlor	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Other Analyzed Pesticides	ND	--	ND	--	--	ND	--	ND	--	ND	--	--	ND	--	--	NS	NS	NS	NS	NS	NS	NE
METALS (mg/kg)																						
Antimony	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	20	30	30	30	30	300
Arsenic	--	--	--	--	--	<2.6	4.8	--	--	--	--	--	--	--	--	20	20	20	20	20	20	200
Barium	--	--	--	--	--	97	84	--	--	--	--	--	--	--	--	1,000	1,000	3,000	3,000	5,000	5,000	10,000
Beryllium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100	100	200	200	200	200	2000
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	2	30	30	30	30	300
Chromium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	30	30	200	200	200	200	2,000
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3,000	3,000	NS	NS	NS	NS	NS
Lead	--	--	--	--	--	58	280	--	--	--	--	--	--	--	--	300	300	300	300	300	300	3,000
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	20	30	30	30	30	300
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	20	700	700	700	700	7,000
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	400	400	800	800	800	800	8,000
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100	100	200	200	200	200	2,000
Thallium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8	8	60	60	80	80	800
Vanadium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	600	600	1,000	1,000	1,000	1,000	10,000
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2,500	2,500	3,000	3,000	5,000	5,000	10,000
NON-PRIORITY POLLUTANT METALS (mg/kg)																						
Aluminum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Cobalt	--	--	--	--	--	7.5	5.8	--	--	--	--	--	--	--	--	10	10	NS	NS	NS	NS	NE
Iron	--	--	--	--	--	13,000	12,000	--	--	--	--	--	--	--	--	30,000	30,000	NS	NS	NS	NS	NE
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6,000	6,000	NS	NS	NS	NS	NE
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Potassium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE
Sodium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS	NS	NS	NE

NOTES:
mg/kg = milligrams per kilogram.
* = Denotes composite sample.
-- = Not analyzed.
NA = Datum not available.
ND = Not detected above laboratory reporting limit.
NS = No standard promulgated.

Bold concentrations exceed laboratory method reporting limit.
RED concentrations exceed applicable MCP Method 1 Standard S-1 soil standards or TSCA Cleanup Level (1ppm)
Blue indicates Method 2 derived S-1 Standards

TABLE 2
SUMMARY OF CATCH BASIN SEDIMENT ANALYTICAL RESULTS

Former Nu-Brite Facility
10 First Street
Taunton, Massachusetts

Sample Identification	SO-01	SO-02	SO-03	CB-1	CB-2	CB-3	Catch 4	CB-4	CB-DUP	CB-5	CB-Staples	PCB Cleanup
Date Sampled	1/14/02	1/14/02	1/14/02	7/10/08	7/10/08	7/10/08	7/3/08	3/30/11	3/30/11	3/30/11	3/30/11	Level
POLYCHLORINATED BIPHENYLS (mg/kg)												
Aroclor 1254	< 9.8	< 4.6	< 5.3	0.39	12	26	<0.098	< 0.11	<0.12	< 0.1	< 0.13	1
Aroclor 1260	NA	NA	NA	< 0.097	< 0.087	< 0.18	<0.098	< 0.11	<0.12	< 0.1	< 0.13	1
Total PCBs	ND	ND	ND	0.39	12	26	ND	ND	ND	ND	ND	1

NOTES:
mg/kg = milligrams per kilogram.
-- = Not analyzed.
NA = Datum not available.
ND = Not detected above laboratory reporting limit.
Bold concentrations exceed laboratory method reporting limit.
RED concentrations exceed MCP Method 1 Standard S-1/GW-2 and/or S-1/GW-3 soil standards.
Blue Indicates Method 2 derived S-1 Standards
Indicates data points removed by remedial efforts
TSCA PCB cleanup level reported equal to 1 ppm for unrestricted use in high occupancy areas.

TABLE 3
SUMMARY OF CONCRETE ANALYTICAL RESULTS

Former Nu-Brite Facility
10 1st Street
Taunton, Massachusetts

Sample Identification	C-01*	C-02*	C-03*	C-04*	C-05*	C-06*	C-07*	C-08*	C-09*	C-10*	C-11*	C-12*	C-13*	C-14*	C-15*	C-DUP*	B-208	B-212	B-335	PCB
Depth Sampled (feet)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	1.5 - 1.8	Cleanup
Date Sampled	3/30/11	3/30/11	3/30/11	3/30/11	3/30/11	3/30/11	3/30/11	3/30/11	3/30/11	3/30/11	3/30/11	3/30/11	3/30/11	3/30/11	3/30/11	3/30/11	4/5/11	4/5/11	8/1/11	Level
POLYCHLORINATED BIPHENYLS (mg/kg)																				
Aroclor 1254	0.17	0.31	<0.10	0.2	0.21	0.25	<0.10	<0.10	4.9	3	<0.095	<0.091	<0.10	<0.10	<0.095	<0.091	<0.10	<0.10	<0.087	1
Total PCBs	0.17	0.31	ND	0.2	0.21	0.25	ND	ND	4.9	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	1

NOTES:
mg/kg = milligrams per kilogram.
* = Denotes composite sample.
-- = Not analyzed.
ND = Not detected above laboratory reporting limit.
PCB = Polychlorinated biphenyl
Bold concentrations exceed laboratory method reporting limit.
RED concentrations exceed PCB Cleanup Standard defined pursuant to 40 CFR Section 761.61.
TSCA PCB cleanup level reported equal to 1 ppm for unrestricted use in high occupancy areas.

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - LOT C-1

Former Nu-Brite Facility
10 1st Street
Taunton, Massachusetts

Sample Identification	GW-01		GW-02	GW-02R	GW-03	GW-4	MW-1		MW-2		MW-3	MW-4			MW-207	DUP-080911	MW-207	MW-336	MCP Method 1 Standards	
Date Sampled	1/30/02	8/9/11	1/30/02	8/9/11	1/30/02	1/14/02	7/10/08	8/9/11	7/10/08	8/9/11	7/10/08	7/10/08	8/9/11	5/14/12	8/9/11	8/9/11	5/14/12	8/9/11	GW-2	GW-3
VOLATILE PETROLEUM HYDROCARBONS																				
C5-C8 Aliphatics	--	< 100	--	< 200	--	390	--	< 100	--	< 100	--	--	< 200	--	< 200	< 200	--	160	3,000	50,000
C9-C12 Aliphatics	--	140	--	< 200	--	390	--	180	--	< 100	--	--	250	--	650	720	--	200	5,000	50,000
C9-C10 Aromatics	--	120	--	< 200	--	190	--	190	--	< 100	--	--	260	--	890	940	--	170	7,000	50,000
Methyl-Tert-Butyl-Ether	< 5	< 1.0	< 2	< 2.0	< 2	< 2	< 0.5	< 1.0	< 0.5	< 1.0	< 0.6	< 1	< 2.0	--	< 2.0	< 2.0	--	< 1.0	50,000	50,000
Benzene	< 2.5	< 1.0	< 1	< 2.0	9	--	--	< 1.0	--	< 1.0	--	--	< 2.0	--	< 2.0	< 2.0	--	< 1.0	2,000	10,000
Toluene	< 2.5	< 1.0	< 1	< 2.0	< 1	< 1	--	< 1.0	--	< 1.0	--	--	< 2.0	--	< 2.0	< 2.0	--	< 1.0	50,000	40,000
Ethylbenzene	120	< 1.0	< 1	< 2.0	< 1	--	< 0.5	< 1.0	< 0.5	< 1.0	< 0.5	3	< 2.0	--	< 2.0	< 2.0	--	< 1.0	20,000	5,000
meta- & para-Xylenes	170	< 2.0	< 1	< 4.0	1.6	--	< 0.5	< 2.0	1	< 2.0	< 0.5	22	< 4.0	--	< 4.0	< 4.0	--	< 2.0	9,000	5,000
ortho-Xylene	< 2.5	< 1.0	< 1	< 2.0	< 1	--	< 0.5	< 1.0	0.7	< 1.0	< 0.5	1	< 2.0	--	< 2.0	< 2.0	--	< 1.0	9,000	5,000
Total Xylenes	220	<3.0	< 1	<6.0	4	--	--	<3.0	--	<3.0	--	--	<6.0	--	<6.0	<6.0	--	<3.0	9,000	5,000
Naphthalene	120	< 5.0	< 1	< 10	7.1	--	2	< 5.0	< 0.5	< 5.0	5	11	< 10	--	< 10	< 10	--	< 5.0	1,000	20,000
cis-1,2-Dichloroethene	10	--	< 1	--	< 1	--	1	--	< 0.5		< 0.5	< 0.5	< 0.5	--	--	< 0.5	--	--	100	50,000
Isopropylbenzene	15	--	< 1	--	7.5	9.7	2	--	5		< 0.5	5	5	--	--	< 0.5	--	--	NS	NS
n-Propylbenzene	32	--	< 1	--	8.2	10	3	--	1		< 0.5	5	5	--	--	< 0.5	--	--	NS	NS
1,3,5-Trimetylbenzene	94	--	< 1	--	3.7	--	5	--	< 0.5		5	47	47	--	--	5	--	--	NS	NS
tert-Butylbenzene	< 2.5	--	< 1	--	< 1	2.2	0.5	--	2		< 0.5	2	2	--	--	< 0.5	--	--	NS	NS
1,2,4-Trimethylbenzene	380	--	< 1	--	5.9	--	20	--	< 0.5		2	78	78	--	--	2	--	--	NS	NS
sec-Butylbenzene	8.0	--	< 1	--	3.6	5	2	--	3		< 0.5	3	3	--	--	< 0.5	--	--	NS	NS
4-Isopropyltoluene	23	--	< 1	--	< 1	--	< 0.5	--	< 0.5		< 0.5	42	42	--	--	< 0.5	--	--	NS	NS
n-Butylbenzene	< 2.5	--	< 1	--	< 1	--	< 0.5	--	< 0.5		< 0.5	2	2	--	--	< 0.5	--	--	NS	NS
Chlorobenzene	< 2.5	--	< 1	--	< 1	1.2	--	--	--		--	--	--	--	--	--	--	--	200	1,000
Chloroform	1	--	< 1	--	< 1	--	--	--	--		--	--	--	--	--	--	--	--	50	20,000
Bromodichloromethane	< 2.5	--	< 1	--	< 1	--	--	--	--		--	--	--	--	--	--	--	--	6	50,000
EXTRACTABLE PETROLEUM HYDROCARBONS (ug/L)																				
C9-C18 Aliphatics	--	--	--	--	--	--	< 500	--	< 500	--	< 500	< 500	< 500	--	--	< 500	--	--	5,000	50,000
C19-C36 Aliphatics	--	--	--	--	--	--	< 500	--	< 500	--	< 500	< 500	< 500	--	--	< 500	--	--	NS	50,000
C11-C22 Aromatics	--	--	--	--	--	--	160	--	190	--	< 150	< 150	< 150	--	--	< 150	--	--	50,000	5,000
Naphthalene	57	--	< 2	--	2.4	--	1.3	--	< 0.5	--	2	3.7	3.7	--	--	2	--	--	1,000	20,000
2-Methylnaphthalene	36	--	0.6	--	3	--	1.4	--	2.4	--	0.8	5	5	--	--	0.8	--	--	2,000	20,000
Phenanthrene	5.3	--	1	--	2	--	< 0.5	--	3.2	--	1.8	< 0.5	< 0.5	--	--	1.8	--	--	NS	10,000
Acenaphthene	6	--	0.6	--	< 2	8.4	1.2	--	12	--	1.4	< 0.5	< 0.5	--	--	1.4	--	--	NS	6,000
Acenaphthylene	< 10	--	< 2	--	< 2	--	< 0.5	--	< 0.5	--	< 0.5	< 0.5	< 0.5	--	--	< 0.5	--	--	10,000	40
Fluorene	4	--	< 2	--	0.7	3.2	1.4	--	4.3	--	1.3	< 0.5	< 0.5	--	--	1.3	--	--	NS	40
Anthracene	< 10	--	< 2	--	< 2	--	< 0.5	--	0.8	--	< 0.5	< 0.5	< 0.5	--	--	< 0.5	--	--	NS	30
Fluoranthene	0.6	--	< 2	--	1.0	--	< 0.5	--	2.3	--	< 0.5	< 0.5	< 0.5	--	--	< 0.5	--	--	NS	200
Pyrene	< 10	--	< 2	--	1	--	< 0.5	--	2	--	< 0.5	< 0.5	< 0.5	--	--	< 0.5	--	--	NS	20
Benzo[a]anthracene	< 10	--	< 2	--	< 2	--	< 0.1	--	1.4	--	< 0.1	< 0.1	< 0.1	--	--	< 0.1	--	--	NS	1,000
Chrysene	< 10	--	< 2	--	< 2	--	< 0.1	--	1.2	--	< 0.1	< 0.1	< 0.1	--	--	< 0.1	--	--	NS	70
Benzo[b]fluoranthene	< 10	--	< 2	--	< 2	--	< 0.1	--	1.6	--	< 0.1	< 0.1	< 0.1	--	--	< 0.1	--	--	NS	400
Benzo[k]fluoranthene	< 10	--	< 2	--	< 2	--	< 0.1	--	0.6	--	< 0.1	< 0.1	< 0.1	--	--	< 0.1	--	--	NS	100
Benzo[a]pyrene	< 10	--	< 2	--	< 2	--	< 0.1	--	1.3	--	< 0.1	< 0.1	< 0.1	--	--	< 0.1	--	--	NS	500
Indeno[1,2,3-c,d]pyrene	< 10	--	< 2	--	< 2	--	< 0.1	--	0.8	--	< 0.1	< 0.1	< 0.1	--	--	< 0.1	--	--	NS	100
Dibenzo[a,h]anthracene	< 10	--	< 2	--	< 2	--	< 0.1	--	0.2	--	< 0.1	< 0.1	< 0.1	--	--	< 0.1	--	--	NS	40
Benzo[g,h,i]perylene	< 10	--	< 2	--	< 2	--	< 0.1	--	0.7	--	< 0.1	< 0.1	< 0.1	--	--	< 0.1	--	--	NS	20
bis (2-Ethylhexly)phthalate	31	--	< 2	--	10	15	--	--	--	--	--	--	--	--	--	--	--	--	NS	50,000
di-n-Butylphthalate	0.6	--	0.5	--	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS
Butylbenzylphthalate	0.5	--	< 10	--	< 2	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS
2,4-Dimethylphenol	1	--	< 10	--	< 2	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS

NOTES:
ug/L = micrograms per liter.
-- = Not analyzed.
NA = Datum not available.
NS = No standard promulgated.
Bold values exceed laboratory reporting limits.
Red values exceed MCP Method 1 Standard

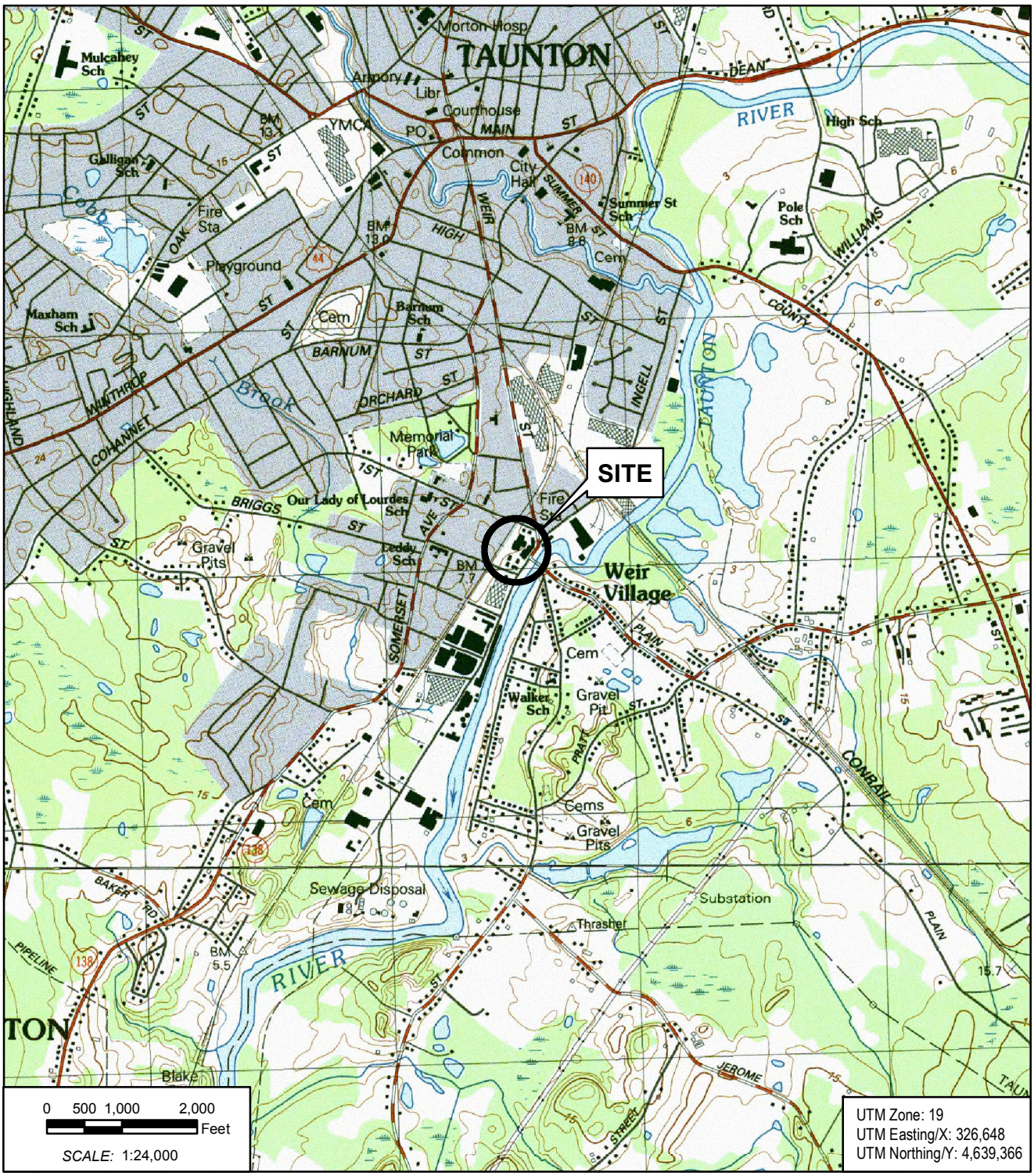
TABLE 4, CONTINUED
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - LOT C-1

Former Nu-Brite Facility
10 First Street
Taunton, Massachusetts

Sample Identification	GW-01		GW-02	GW-02R	GW-03	GW-04	MW-1		MW-2		MW-3	MW-4			MW-207	DUP-080911	MW-207	MW-336	MCP Method 1 Standards	
Date Sampled	1/30/02	8/9/11	1/30/02	8/9/11	1/30/02	1/14/02	7/10/08	8/9/11	7/10/08	8/9/11	7/10/08	7/10/08	8/9/11	5/14/12	8/9/11	8/9/11	5/14/12	8/9/11	GW-2	GW-3
POLYCHLORINATED BIPHENYLS (ug/l)																				
Aroclor 1254	< 1.0	< 0.25	< 0.2	< 0.22	< 0.2	< 0.2	--	< 0.22	--	< 0.22	--	--	7.3	<0.20	1.1	0.76	<0.20	< 0.22	NS	NS
Total PCBs	ND	ND	ND	ND	ND	ND	--	ND	--	ND	--	--	7.3	<0.20	1.1	0.76	<0.20	ND	5	10
PESTICIDES / POLYCHLORINATED BIPHENYLS (ug/L)																				
4,4'-DDD	4.2	--	0.098	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	50
4,4'-DDT	< 0.10	--	< 0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	1
alpha-Chlordane	0.046	--	< 0.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	2
gamma-Chlordane	0.062	--	< 0.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	2
DISSOLVED METALS (ug/L)																				
Arsenic	39.4	--	--	--	0.0244	--	40	--	60	--	8	9	--	--	--	--	--	--	NS	900
Barium	22.5	--	0.0368	--	0.095	0.0374	< 200	--	400	--	400	< 200	--	--	--	--	--	--	NS	50,000
Beryllium	< 1.0	--	< 1.2	--	--	--	< 4	--	< 4	--	< 4	< 4	--	--	--	--	--	--	NS	200
Cadmium	< 1.0	--	< 1.0	--	--	--	< 4	--	< 4	--	< 4	< 4	--	--	--	--	--	--	NS	4
Chromium	7.9	--	7.5	--	--	--	< 10	--	< 10	--	< 10	< 10	--	--	--	--	--	--	NS	300
Cobalt	6.9	--	< 2.0	--	0.0568	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS
Copper	< 1.0	--	< 1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS
Lead	< 2.0	--	< 2.0	--	--	--	< 5	--	< 5	--	< 5	< 5	--	--	--	--	--	--	NS	10
Mercury	< 0.1	--	< 0.1	--	--	--	< 0.2	--	< 0.2	--	< 0.2	< 0.2	--	--	--	--	--	--	NS	20
Nickel	< 2.0	--	< 2.0	--	0.0717	--	< 40	--	< 40	--	< 40	< 40	--	--	--	--	--	--	NS	200
Selenium	< 4.0	--	< 4.0	--	--	--	< 50	--	< 50	--	< 50	< 50	--	--	--	--	--	--	NS	100
Silver	< 1.0	--	< 1.0	--	--	--	< 7	--	< 7	--	< 7	< 7	--	--	--	--	--	--	NS	7
Thallium	5.7	--	8.2	--	8	--	< 2	--	< 2	--	< 2	< 2	--	--	--	--	--	--	NS	3,000
Vanadium	< 1.0	--	< 1.0	--	--	--	< 20	--	< 20	--	< 20	< 20	--	--	--	--	--	--	NS	4,000
Zinc	< 2.0	--	< 2.0	--	5.76	--	<200	--	<200	--	< 0.2	<200	--	--	--	--	--	--	NS	900
TOTAL METALS (ug/L)																				
Arsenic	0.0394	--	--	--	0.024	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	900
Barium	0.0224	--	0.0372	--	0.102	0.0393	--	--	--	--	--	--	--	--	--	--	--	--	NS	50,000
Chromium	0.0084	--	0.002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	300
Cobalt	0.0067	--	0.002	--	0.0574	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS
Copper	< 100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS
Nickel	--	--	--	--	0.0816	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	200
Zinc	--	--	--	--	6.21	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	900

NOTES:
ug/L = micrograms per liter.
-- = Not analyzed.
NA = Datum not available.
NS = No standard promulgated.
Bold values exceed laboratory reporting limits.
Red values exceed MCP Method 1 Standard

FIGURES



Source: Office of Geographic and Environmental Information (MassGIS), Commonwealth of Massachusetts Executive Office of Environmental Affairs

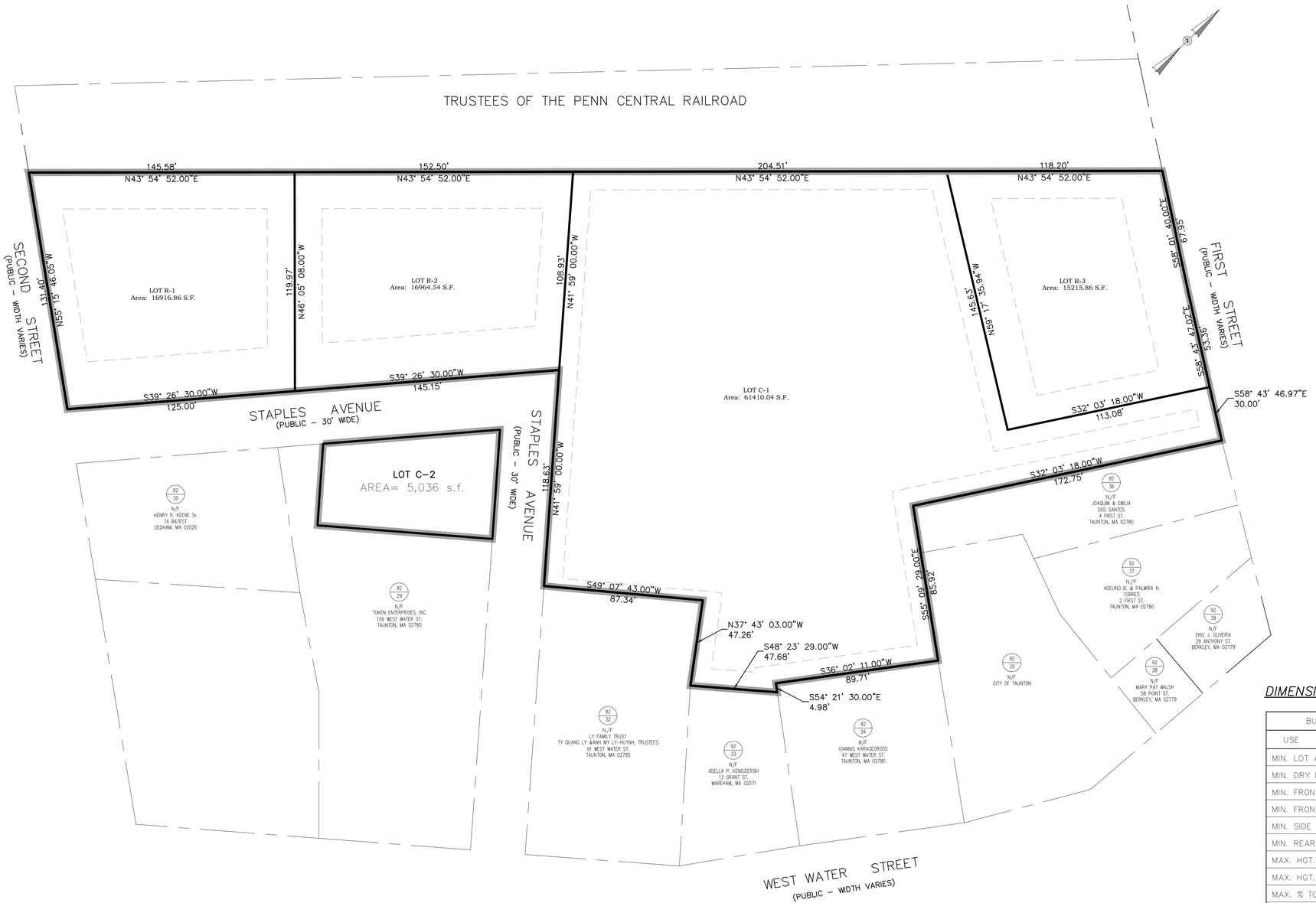
1987 USGS Topographic Map - Taunton, Massachusetts Quadrangle

Resource Controls
Proven Environmental & Engineering Solutions

LOCUS MAP

10 FIRST STREET
TAUNTON, MASSACHUSETTS

DRAWN BY	PROJECT	PRINT DATE	FIGURE
SEE	A6878	1/14/2010	1



DEVELOPMENT DATA

EXISTING PLAT/LOT	PLAT 92 LOT 27
AREA OF PARCEL	2.53± ACRES
NO. OF EXISTING LOTS	1
NO. OF PROPOSED LOTS	4
MINIMUM LOT AREA	15,216 SF

PLAN PURPOSE

PURPOSE OF THIS PLAN IS TO SUBDIVIDE THE PROPERTY (PLAT 92 LOT 27) OF AREA 2.53± ACRES TO CREATE THREE (3) RESIDENTIAL LOTS R–1, R–2, R–3 AND ONE (1) COMMERCIAL LOT C–1

PROPOSED PARCEL DATA

LOT	AREA	FRONTAGE
R–1	16,917 S.F	125.0'
R–2	16,965 S.F.	145.15'
C–1	61,410 S.F.	118.63'
R–3	15,216 S.F.	121.30'

DIMENSIONAL REGULATIONS

BUSINESS DISTRICT INTENSITY OF USE REGULATIONS		
USE	RESIDENTIAL	NON–RESIDENTIAL
MIN. LOT AREA	15,000 S.F.	5,000 S.F.
MIN. DRY LOT AREA	11,250 S.F.	5,000 S.F.
MIN. FRONTAGE	100 FT	50 FT
MIN. FRONT YD SETBACK	25 FT	10 FT
MIN. SIDE YD SETBACK	15 FT	5 FT
MIN. REAR YD. SETBACK	20 FT	10 FT
MAX. HGT. IN STORIES	2.5	3
MAX. HGT. IN FEET	35 FT	40 FT
MAX. % TOTAL LOT COVERAGE	NA	90%
MAX. % STRUCTURE LOT COVERAGE	40 %	90 %
MAX. FAR TO GFA LOT SIZE	NA	2.5

PLAN LEGEND

- EXISTING PROPERTY LINE / DISPOSAL SITE BOUNDARY OF RTN 4–17372
- PROPOSED PROPERTY LINE
- ZONING SETBACKS
- ABUTTER PROPERTY LINE

GRAPHIC SCALE
1 INCH = 30 FEET
0 30 60 90

REFERENCE

BASE MAP WAS DEVELOPED FROM A PLAN ENTITLED: "EXISTING CONDITIONS PLAN" PREPARED BY TIBBETTS ENGINEERING CORP. TAUNTON MASS, DATED 10 MAY 2010.

NO.	REVISION DESCRIPTION	DRN BY:	CHK BY:	DATE

PREPARED FOR:
THE NEIGHBORHOOD CORP.
120 INGELL STREET
TAUNTON, MA 02780

PROJECT INFORMATION:
10 FIRST STREET
TAUNTON, MA

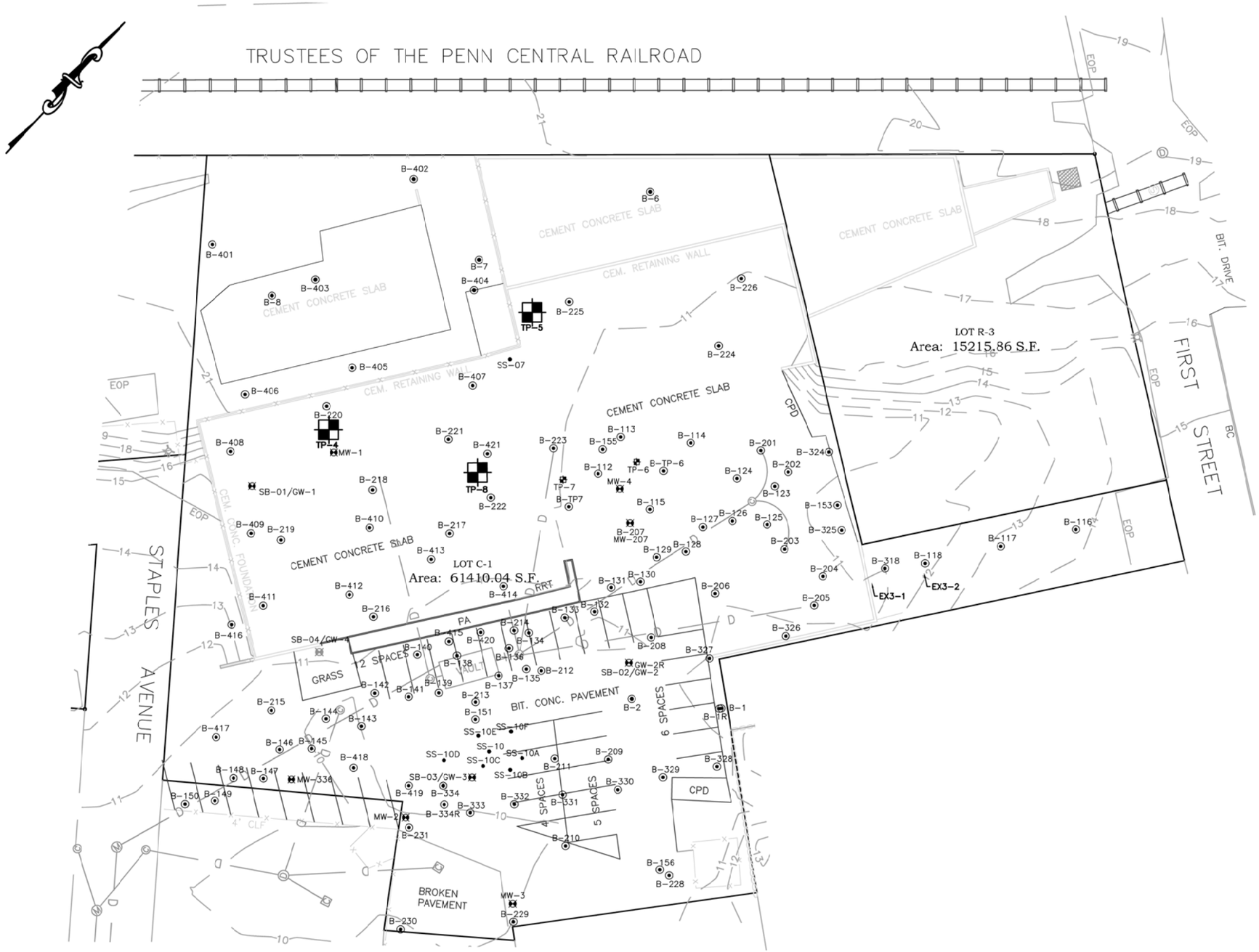
PROFESSIONAL APPROVAL:
COMMONWEALTH OF MASSACHUSETTS
ROBERT CHARLES ATWOOD
No. 29620
REGISTERED PROFESSIONAL ENGINEER

DRAWN BY:	DPJ
DESIGNED BY:	DPJ
CHECKED BY:	RGM
APPROVED BY:	RCA
PROJECT MANAGER:	RCA

PREPARED BY:
Resource Controls
Proven Environmental & Engineering Solutions
474 Broadway, Pawtucket, RI 02860 401-728-4840
378 Pope Street Unit 10 Stoughton, MA 02072 781-890-5374
www.resourcecontrols.com

DRAWING TITLE:
SITE LAYOUT PLAN

DATE: FEBRUARY 2012
PROJECT NUMBER: 6878
SHEET NUMBER: SHEET 1 OF 1
DRAWING NUMBER: FIGURE 2



NOTE:

TOPOGRAPHICAL & SITE FEATURES TAKEN FROM PLAN TITLED: "EXISTING CONDITIONS PLAN" 10 FIRST STREET, TAUNTON, MA (BRISTOL COUNTY) DATED: 5-10-2010, SCALE:1"=30' PREPARED FOR "THE NEIGHBORHOOD CORP." PREPARED BY "TIBBETTS ENGINEERING CORP. 716 COUNTY STREET TAUNTON, MA 02780.

DRAIN LINES SHOWN BASED ON FIELD INSPECTION INTERPOLATION

LEGEND

- PROPERTY LINE
- FENCE LINE
- EXISTING DRAINAGE
- RAILROAD TRACKS
- STONE WALL
- MW-6 MONITORING WELL
- MW-6 DESTROYED MONITORING WELL
- B-109 SOIL BORING
- SS-01 SURFACE SOIL SAMPLE
- TP-2 TEST PITS

0 10 20 40
Approx. Scale 1 inch = 40 feet

PREPARED BY:

Resource Controls
Proven Environmental & Engineering Solutions

DRAWING DESCRIPTION:

LOT C-1
SITE PLAN

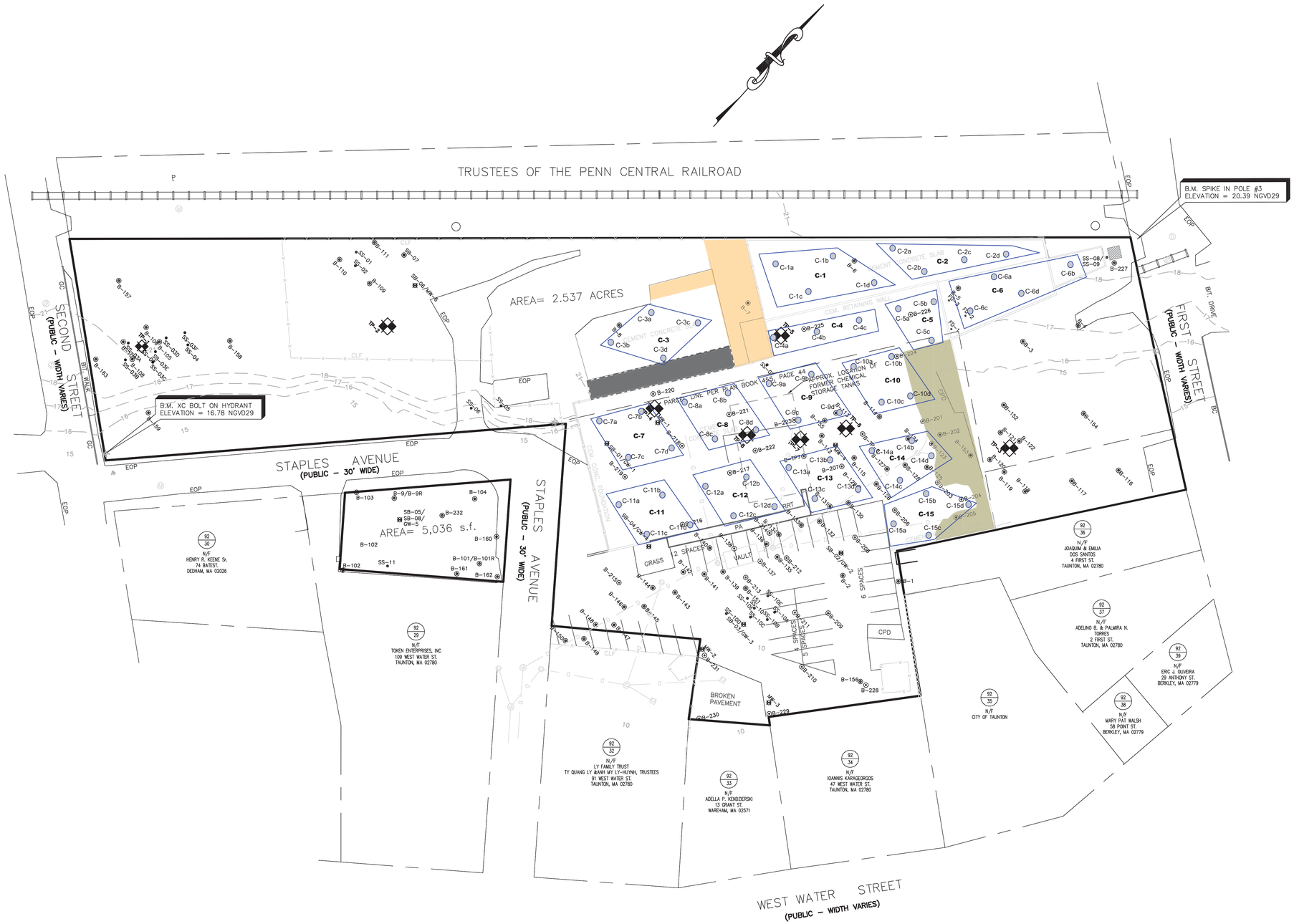
CLIENT: THE NEIGHBORHOOD CORP.
120 INGELL STREET
TAUNTON, MA 02780

LOCATION: 10 FIRST STREET
TAUNTON, MA

DRAWN BY:	CHECKED BY:	APPROVED BY:
DPJ	DEE	RCA

DRAWING DATE:	SHEET NUMBER:
06/11/2012	SHEET 1 OF 1
PROJECT NUMBER:	DRAWING NAME:
6878	SITE PLAN

FIGURE # 3



NOTE:
TOPOGRAPHICAL & SITE FEATURES TAKEN FROM PLAN TITLED: "EXISTING CONDITIONS PLAN" 10 FIRST STREET, TAUNTON, MA (BRISTOL COUNTY) DATED: 5-10-2010, SCALE:1"=30' PREPARED FOR "THE NEIGHBORHOOD CORP." PREPARED BY "TIBBETTS ENGINEERING CORP. 716 COUNTY STREET TAUNTON, MA 02780.

DRAIN LINES SHOWN BASED ON FIELD INSPECTION INTERPOLATION

Graphic Scale
1 inch = 30 feet
0 30 60 90

LEGEND

DH	DRILL HOLE
SPK	SPIKE SET OR FOUND
SBDH	STONE BOUND WITH DRILL HOLE
M	MANHOLE
S	SEWER MANHOLE
T	TELEPHONE MANHOLE
D	DRAIN MANHOLE
E	ELECTRIC MANHOLE
C	CATCH BASIN
	HYDRANT
WG	WATER GATE
EOP	EDGE OF PAVEMENT
GC	GRANITE CURB
BC	BIT. CONC. CURB
CPD	CONC. PAD
CLF	CHAIN LINK FENCE
RRT	RAILROAD TIE
	UTILITY POLE
	GUYPOLE
PA	PLANTING AREA
218	EXISTING CONTOUR
	PROPERTY LINE
OHW	OVERHEAD WIRES
X	FENCE LINE
D	EXISTING DRAINAGE
	RAILROAD TRACKS
	STONE WALL
MW-6	MONITORING WELL
B-109	SOIL BORING
SS-01	SURFACE SOIL SAMPLE
TP-2	TEST PITS
	AREAS OF EXCAVATION

Concrete Sample Location

Composite Concrete Samples

Thick Vegetation

No Concrete (Dirt)

No Concrete (Asphalt)

NO.	REVISION DESCRIPTION	DRN BY:	CHK BY:	DATE

PREPARED FOR:
THE NEIGHBORHOOD CORP.
120 INGELL STREET
TAUNTON, MA 02780

PROJECT INFORMATION:
10 FIRST STREET
TAUNTON, MA

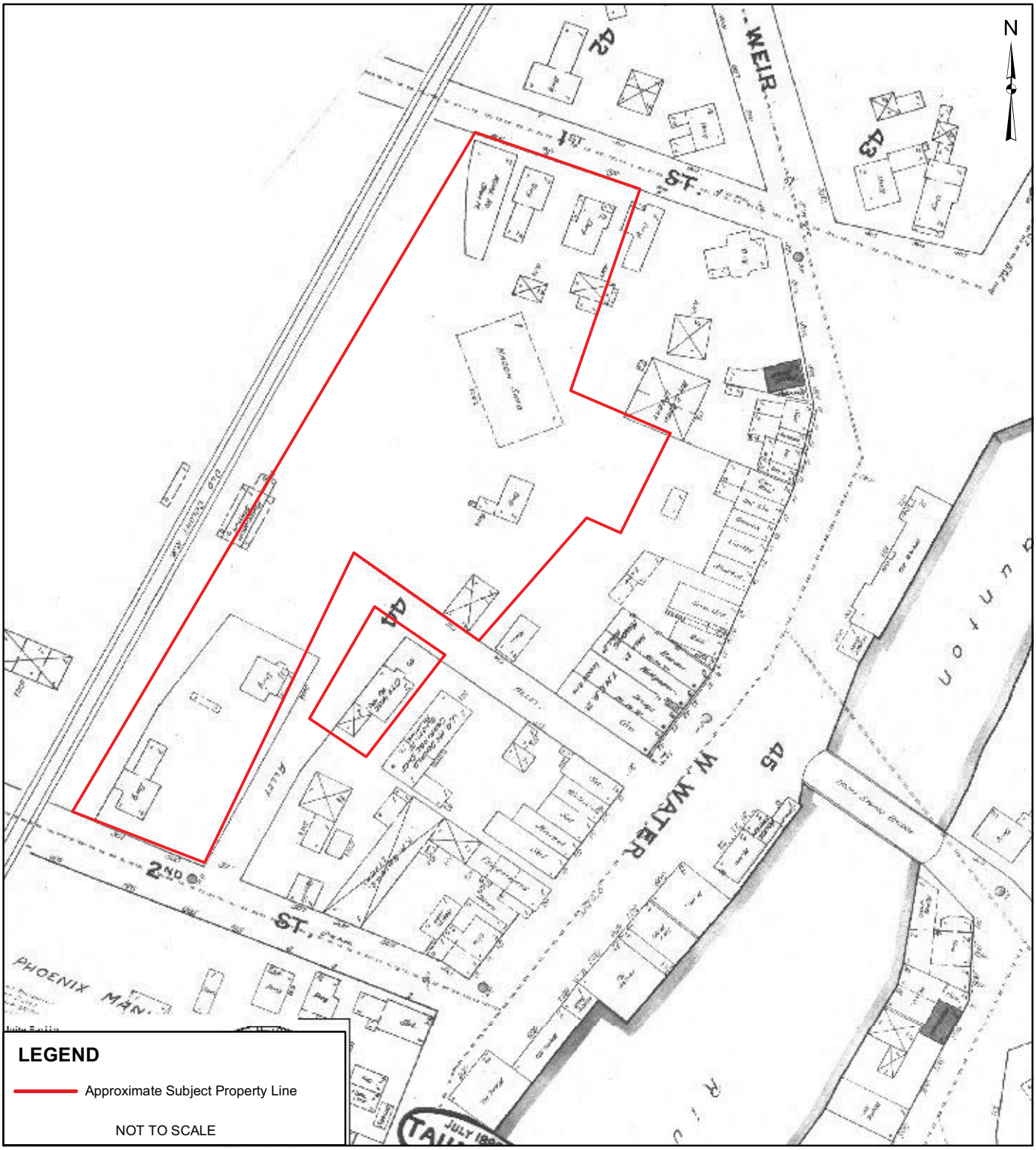
PROFESSIONAL APPROVAL:

DRAWN BY: BS
DESIGNED BY: BS
CHECKED BY: BS
APPROVED BY: RA
PROJECT MANAGER: BS

PREPARED BY:
Resource Controls
Environmental Engineering Services
474 Broadway Pawtucket, RI 02860 401-728-6860
378 Page Street Unit 10 Stoughton, MA 02072 781-890-5374
www.resourcecontrols.com

DRAWING TITLE:
CONCRETE SAMPLING PLAN

DATE: 05/20/2011
PROJECT NUMBER: 6878
SHEET NUMBER: SHEET 1 OF 1
DRAWING NUMBER: Figure 4



Source: Environmental Data Resources, Inc.

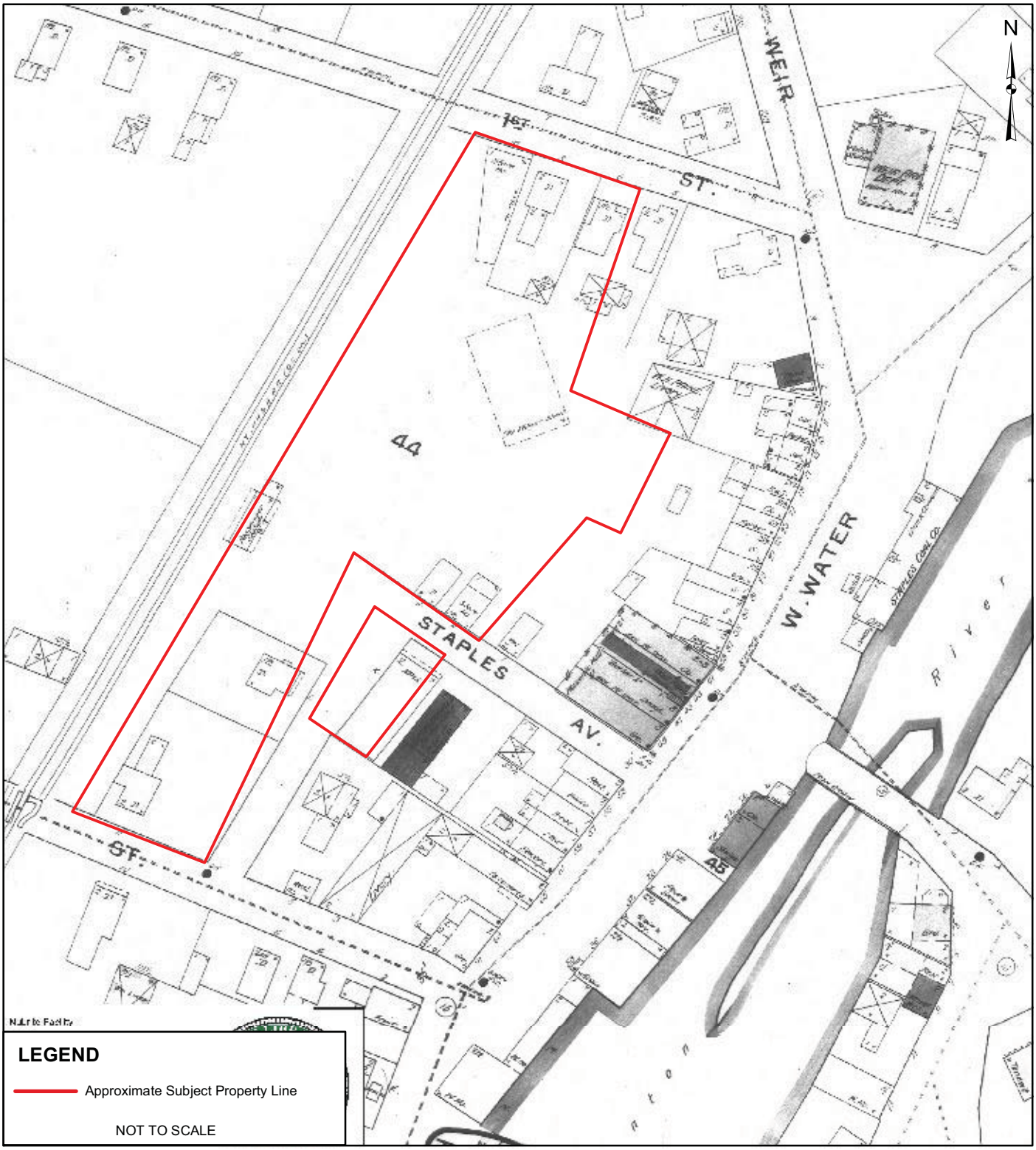
Resource Controls
Proven Environmental & Engineering Solutions

1888 SANBORN MAP

10 FIRST STREET
TAUNTON, MASSACHUSETTS

DRAWN BY	PROJECT	PRINT DATE	FIGURE
SEE	A6878	3/29/2011	5A

P:\6000\6878.00 Neighborhood Corp, Nu Brite\Graphics\GIS\A6878_Sanborns.mxd



Source: Environmental Data Resources, Inc.

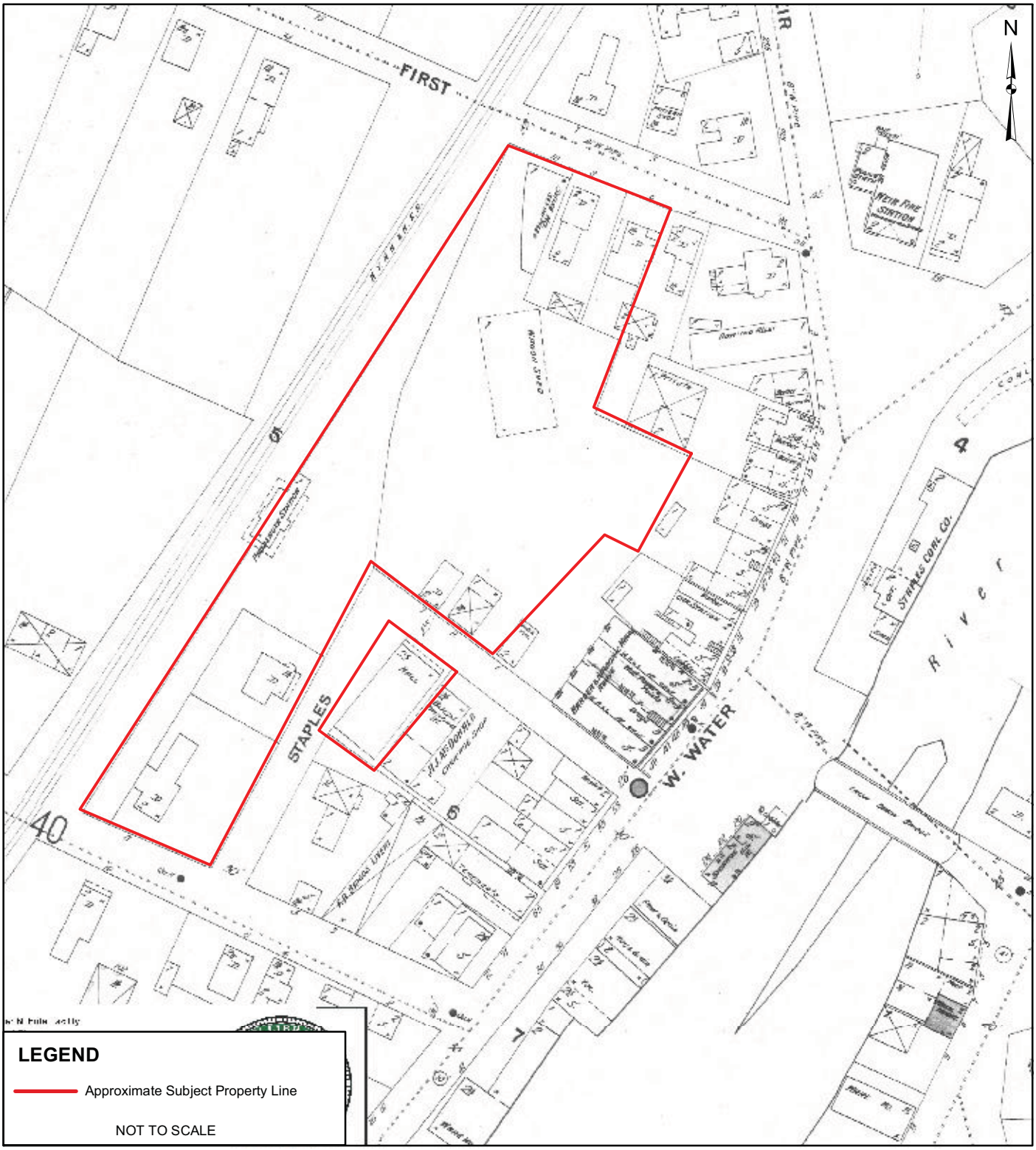
Resource Controls
Proven Environmental & Engineering Solutions

1893 SANBORN MAP

10 FIRST STREET
TAUNTON, MASSACHUSETTS

DRAWN BY	PROJECT	PRINT DATE	FIGURE
SEE	**A6878**	**3/29/2011**	5B

P:\6000\6878.00 Neighborhood Corp, Nu Brite\Graphics\GIS\A6878_Sanborns.mxd



Source: Environmental Data Resources, Inc.

Resource Controls
Proven Environmental & Engineering Solutions

1898 SANBORN MAP

10 FIRST STREET
TAUNTON, MASSACHUSETTS

DRAWN BY	PROJECT	PRINT DATE	FIGURE
SEE	**A6878**	**3/29/2011**	5C

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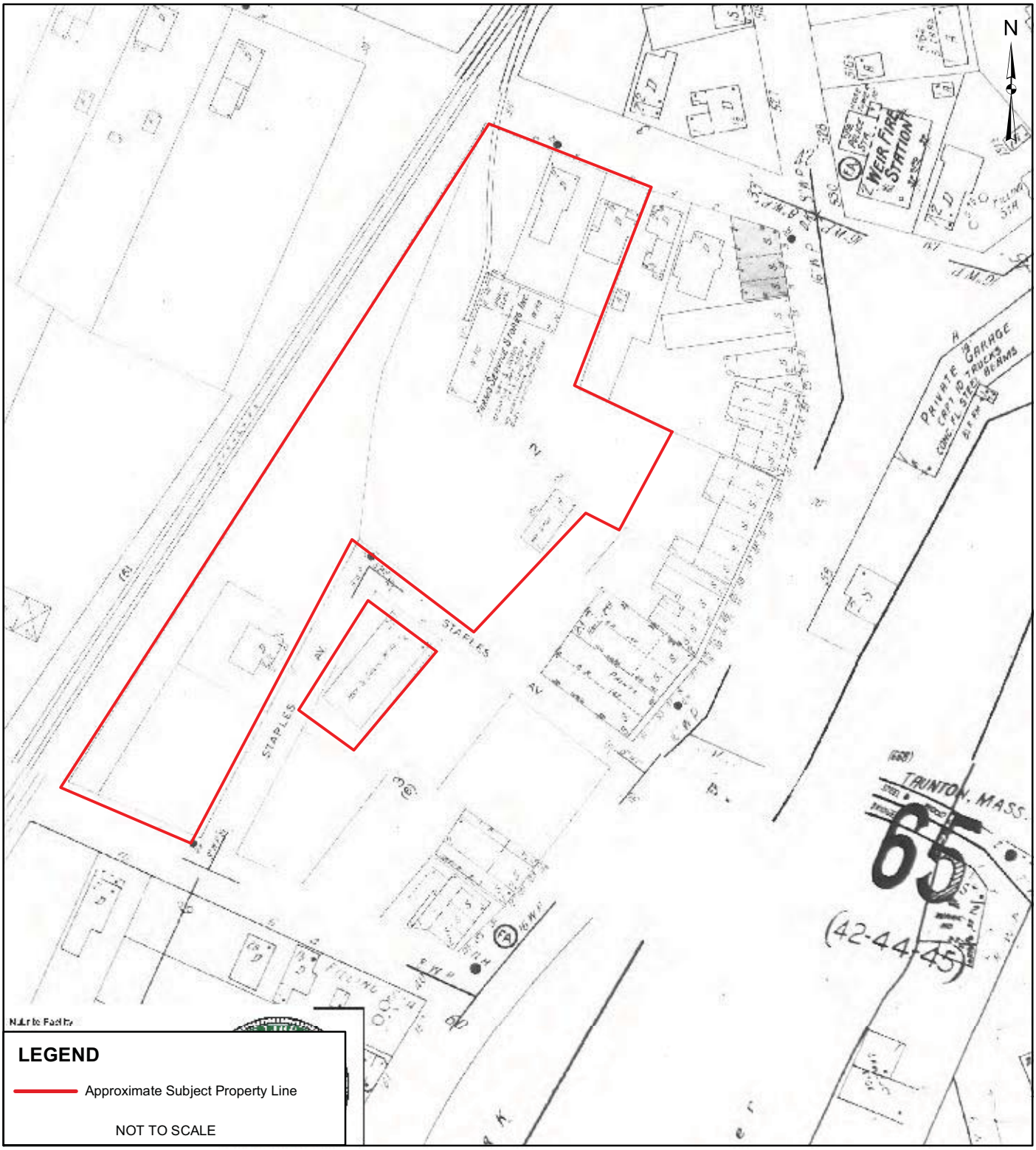

Source: Environmental Data Resources, Inc.

Resource Controls
Proven Environmental & Engineering Solutions

1937 SANBORN MAP

10 FIRST STREET
TAUNTON, MASSACHUSETTS

DRAWN BY	PROJECT	PRINT DATE	FIGURE
SEE	**A6878**	**3/29/2011**	5D

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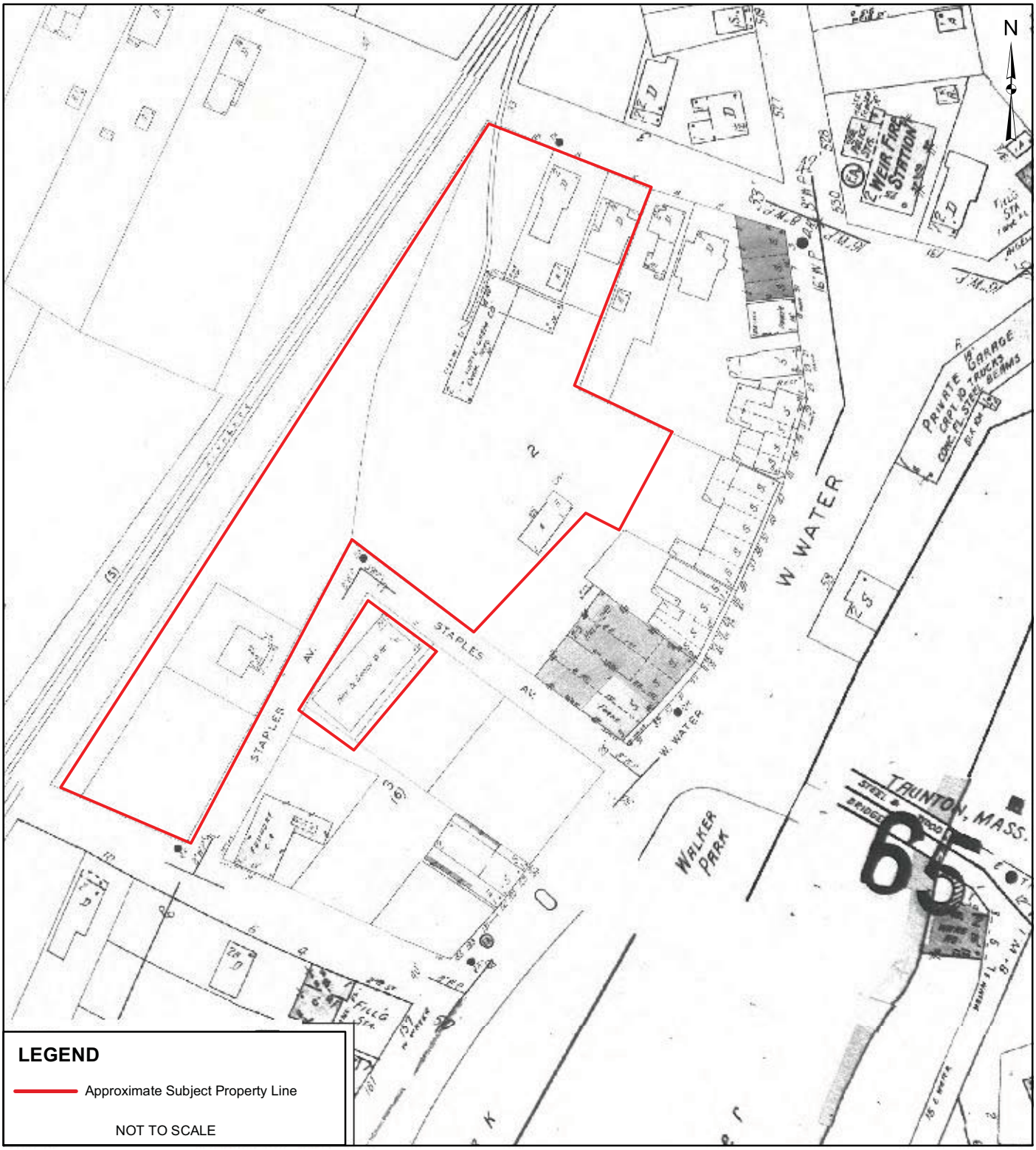


Source: Environmental Data Resources, Inc.

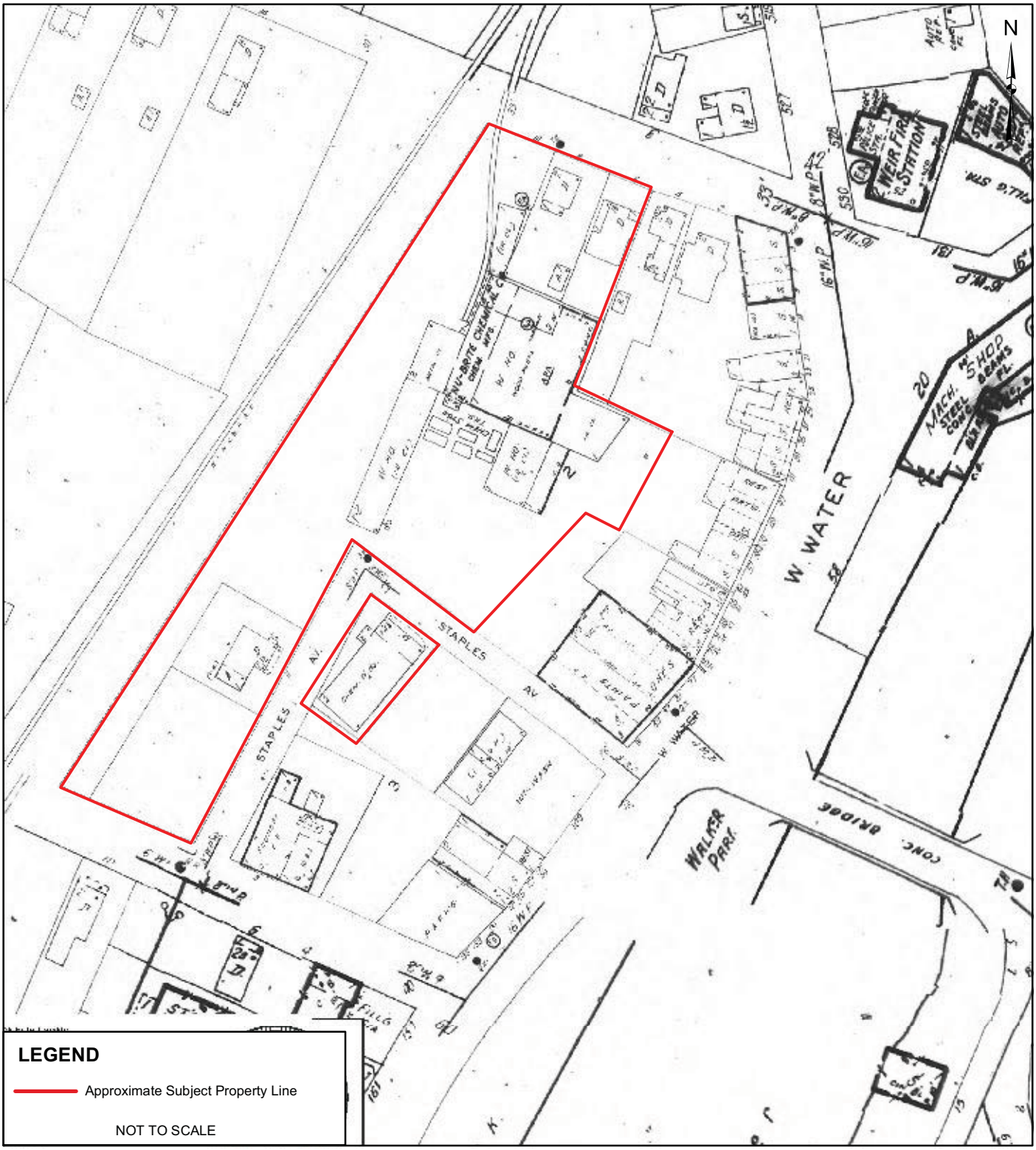
Resource Controls
Proven Environmental & Engineering Solutions

1950 SANBORN MAP

10 FIRST STREET
TAUNTON, MASSACHUSETTS

DRAWN BY	PROJECT	PRINT DATE	FIGURE
SEE	**A6878**	**3/29/2011**	5E

P:\6000\6878.00 Neighborhood Corp, Nu Brite\Graphics\GIS\A6878_Sanborns.mxd



Source: Environmental Data Resources, Inc.

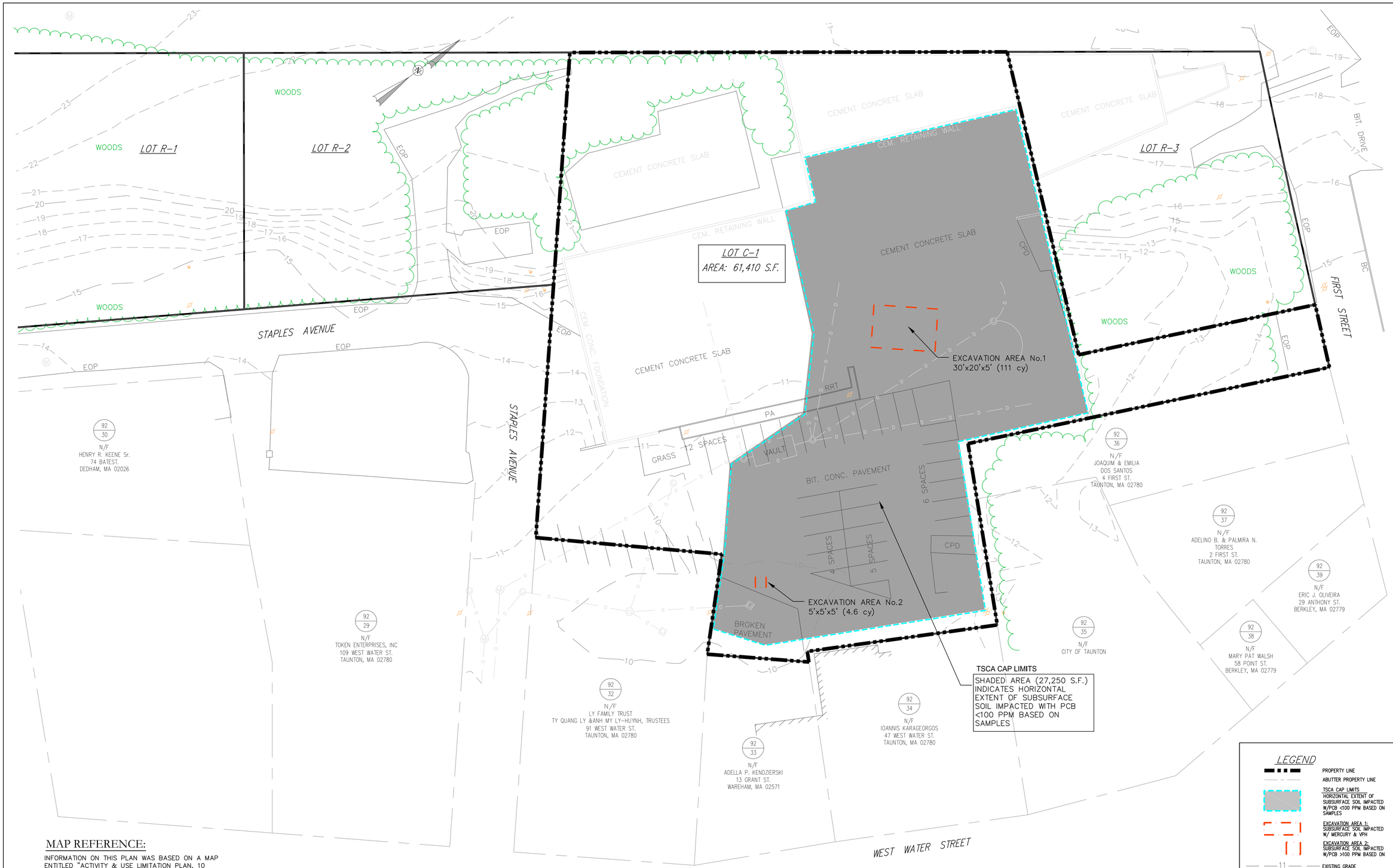
Resource Controls
Proven Environmental & Engineering Solutions

1968 SANBORN MAP

10 FIRST STREET
TAUNTON, MASSACHUSETTS

DRAWN BY	PROJECT	PRINT DATE	FIGURE
SEE	A6878	3/29/2011	5F

P:\6000\6878.00 Neighborhood Corp, Nu Brite\Graphics\GIS\A6878_Sanborns.mxd



MAP REFERENCE:

INFORMATION ON THIS PLAN WAS BASED ON A MAP ENTITLED "ACTIVITY & USE LIMITATION PLAN, 10 FIRST STREET, TAUNTON, MASS, SCALE 1"=30', DATE: 3-05-12, 1 OF 1, PREPARED BY: TIBBETTS ENGINEERING CORP., TAUNTON, MASS"

SCALE IN FEET

0 10 20 40 80

SCALE : 1"= 20'

LEGEND

- PROPERTY LINE
- ABUTTER PROPERTY LINE
- TSCA CAP LIMITS — HORIZONTAL EXTENT OF SUBSURFACE SOIL IMPACTED W/PCB <100 PPM BASED ON SAMPLES
- EXCAVATION AREA 1: SUBSURFACE SOIL IMPACTED W/ MERCURY & VPH
- EXCAVATION AREA 2: SUBSURFACE SOIL IMPACTED W/PCB >100 PPM BASED ON
- 11 EXISTING GRADE
- D EXISTING DRAINAGE
- Ⓜ MANHOLE
- Ⓢ SEWER MANHOLE
- Ⓣ TELEPHONE MANHOLE
- Ⓓ DRAIN MANHOLE
- Ⓔ ELECTRIC MANHOLE
- Ⓒ CATCH BASIN
- EOP EDGE OF PAVEMENT
- CPD CONC. PAD

NO.	REVISION DESCRIPTION	DRN BY:	CHK BY:	DATE

PREPARED FOR: THE NEIGHBORHOOD CORP. 120 INGELL STREET TAUNTON, MA 02780

PROJECT INFORMATION: 10 FIRST STREET TAUNTON, MA

PROFESSIONAL APPROVAL: COMMONWEALTH OF MASSACHUSETTS ROBERT CHARLES ATWOOD No. 29620 REGISTERED PROFESSIONAL ENGINEER

DRAWN BY: RM
DESIGNED BY: DE
CHECKED BY: DE
APPROVED BY: RA
PROJECT MANAGER: DE

PREPARED BY: Resource Controls
Proven Environmental & Engineering Solutions
474 Broadway Pawtucket, RI 02860 401-728-6860
378 Page Street Unit 10 Stoughton, MA 02072 781-890-5374
www.resourcecontrols.com

DRAWING TITLE: LIMITS OF SUBSURFACE IMPACTED SOIL PLAN

DATE: June 2012
PROJECT NUMBER: 6878
SHEET NUMBER: SHEET 1 OF 1
DRAWING NUMBER: FIGURE 6

GENERAL NOTES

1. ALL DISTURBED AREAS ARE TO RECEIVE 4" TOPSOIL AND SEED.

2. FOR ALL EXCAVATION AND PLACEMENT OF FILL, THE CONTRACTOR SHALL COMPACT TO 98% DENSITY OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM–D1557.

3. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING DRAINAGE & UTILITIES, BOTH UNDERGROUND AND OVERHEAD, BEFORE EXCAVATION BEGINS IN ACCORDANCE WITH "DIG SAFE" AND BY CONTACTING THE INDIVIDUAL UTILITY COMPANIES. EXCAVATION SHALL BE IN ACCORDANCE WITH ALL STATUTES, ORDINANCES, RULES AND REGULATIONS OF ANY TOWN, STATE OR FEDERAL AGENCY THAT MAY BE APPLICABLE. ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC.

5. ALL EXISTING UTILITIES HAVE BEEN PLOTTED BASED UPON BEST AVAILABLE INFORMATION AND REPRESENT APPROXIMATE LOCATIONS.

6. THE CONTRACTOR SHALL INSTALL IN PLACE ALL HAY BALES AND SEDIMENT CONTROL DEVICES IN COORDINATION WITH ENGINEER PRIOR TO ANY CONSTRUCTION.

7. THE CONTRACTOR IS TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN FIELD PRIOR TO ANY CONSTRUCTION ACTIVITIES AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCY FOUND.

8. TOPOGRAPHICAL & SITE FEATURES TAKEN FROM PLAN TITLED: "EXISTING CONDITIONS PLAN" 10 FIRST STREET, TAUNTON, MA (BRISTOL COUNTY) DATED: 5–10–2010, SCALE:1"=30' PREPARED FOR "THE NEIGHBORHOOD CORP." PREPARED BY "TIBBETTS ENGINEERING CORP. 716 COUNTY STREET TAUNTON, MA 02780.

9. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF TAUNTON REGULATIONS.

EROSION CONTROL AND SOIL STABILIZATION PROGRAM

1. EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY UNSUITABLE MATERIAL FROM ENTERING THE WATER, WETLANDS, ROADWAY DRAINAGE SYSTEM AND ADJACENT PROPERTY.

2. STAKED HAY BALES OR SILT FENCES SHALL BE INSTALLED WHERE SHOWN AND AS REQUIRED TO PREVENT SEDIMENTATION ONTO ADJACENT PROPERTIES.

3. DENUDED SLOPES SHALL NOT BE LEFT UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON.

4. TEMPORARY TREATMENTS SHALL CONSIST OF HAY, STRAW OR FIBER MULCH OR PROTECTIVE COVERS, SUCH AS A MAT OR FIBER LINING (BURLAP, JUTE, FIBERGLASS NETTING, EXCELSIOR BLANKETS). THEY SHALL BE INCORPORATED INTO THE WORK AS WARRANTED OR AS ORDERED BY THE OWNER.

5. STOCKPILES SHALL HAVE NO SLOPE STEEPER THAN 2:1 AND SHALL BE SURROUNDED BY A CONTINOUS LINE OF STAKED HAY BALES.

6. STOCKPILES EXPOSED FOR EXCESSIVE PERIODS SHALL RECEIVE TEMPORARY TREATMENT CONSISTING OF HAY, STRAW OR FIBER MATTING.

7. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL MAINTENANCE AND SHALL INSPECT/REPLACE AS NEEDED.

8. ALL MATERIAL BEING MOVED TO A STOCKPILE AREA AND ALL STOCKPILED MATERIAL SHALL BE HANDLED SO AS TO MINIMIZE THE UNNECESSARY DISPERSION OF ANY IMPACTED SOIL AND IN SUCH A MANNER SO AS TO PREVENT OFF–SITE MIGRATION INCLUDING VAPORS, AND ODORS TO ON–SITE SURFACES, MATERIALS AND STRUCTURES FROM CONTAMINATION, RUNOFF AND EROSION. AT THE END OF EACH DAY, THE STOCKPILED SOIL SHALL BE COVERED WITH 6–MIL POLYETHYLENE SHEETING. THE SHEETING SHALL BE SECURED IN PLACE USING HAYBALES AROUND THE PERIMETER OF THE TEMPORARY STOCKPILE(S) AND ALL OTHER MATERIAL NECESSARY TO HOLD THE COVERING INPLACE.

SUGGESTED CONSTRUCTION SEQUENCE

1. INSTALL EROSION CONTROL AS NECESSARY/REQUIRED.

2. REMOVE & DISPOSE IMPACTED SOIL FROM EXCAVATION AREA No. 1.

3. REMOVE & DISPOSE IMPACTED SOIL FROM EXCAVATION AREA No. 2.

4. REMOVE & DISPOSE EXISTING RAILROAD TIMBER RAISED PLANTER.

5. CRUSH/PULVERIZE ON–SITE EXISTING CONCRETE SLAB/ASPHALT TO REMAIN ON–SITE FOR USE.

6. INSTALL NEW DRAINAGE STRUCTURES AS SHOWN ON PLANS.

7. FILL EXISTING DRAINAGE STRUCTURES WITH 700 PSI FLOWABLE FILL AS SHOWN ON PLANS.

8. PREPARE NEW PAVEMENT AREA TO ALLOW FOR PAVEMENT CONSTRUCTION. EXCAVATE OR FILL AS REQUIRED TO MEET GRADE AS SHOWN AND CAP CONSTRUCTION.

9. PREPARE NEW LANDSCAPE AREA FOR CAP CONSTRUCTION. EXCAVATE OR FILL AS REQUIRED TO ALLOW MINIMUM 10" THICK CLEAN FILL AND 4" THICK LOAM TO MEET GRADE AS SHOWN.

10. PREPARE REMAINDER OF LANDSCAPE AREA OUTSIDE THE LIMITS OF THE CAP AREA TO MEET FINISH GRADE. EXCAVATE OR FILL AS REQUIRED.

11. INSTALL 4" BIT. BASE COURSE.

12. CONTRACTOR SHALL INSTALL GEO–TEXTILE FABRIC IN THE NEW LANDSCAPE AREA WITHIN THE LIMITS OF THE IMPACTED SOIL AREA.

13. INSTALL MIN. 10" OF CLEAN FILL MATERIAL WITHIN THE NEW LANDSCAPE AREA TO THE GRADES SHOWN WITHIN THE LIMITS OF THE IMPACTED SOIL.

14. INSTALL 4" LOAM & SEED WITHIN THE NEW LANDSCAPE AREA.

15. INSTALL 2" BIT. BINDER SURFACE COURSE.

16. STRIPE NEW PARKING STALLS AS SHOWN (9'x18') 4" WIDE WHITE PAINT

MAP REFERENCE:

INFORMATION ON THIS PLAN WAS BASED ON A MAP ENTITLED "ACTIVITY & USE LIMITATION PLAN, 10 FIRST STREET, TAUNTON, MASS, SCALE 1"=30', DATE: 3–05–12, 1 OF 1, PREPARED BY: TIBBETTS ENGINEERING CORP., TAUNTON, MASS"

SCALE IN FEET

0 10 20 40 80

SCALE : 1"= 20'

LEGEND

- PROPERTY LINE
- ABUTTER PROPERTY LINE
- TSCA CAP LIMITS HORIZONTAL EXTENT OF SUBSURFACE SOIL IMPACTED W/PCB <100 PPM BASED ON SAMPLES
- EXCAVATION AREA 1: SUBSURFACE SOIL IMPACTED W/ MERCURY & VPH
- EXCAVATION AREA 2: SUBSURFACE SOIL IMPACTED W/PCB >100 PPM BASED ON
- AREA OF CONCRETE / ASPHALT TO BE CRUSHED / PULVERIZED
- 11 EXISTING GRADE
- D EXISTING DRAINAGE
- MANHOLE
- SEWER MANHOLE
- TELEPHONE MANHOLE
- DRAIN MANHOLE
- ELECTRIC MANHOLE
- CATCH BASIN
- EOP EDGE OF PAVEMENT
- CPD CONC. PAD

NO.	REVISION DESCRIPTION	DRN BY:	CHK BY:	DATE

PREPARED FOR:
THE NEIGHBORHOOD CORP.
120 INGELL STREET
TAUNTON, MA 02780

PROJECT INFORMATION:
10 FIRST STREET
TAUNTON, MA

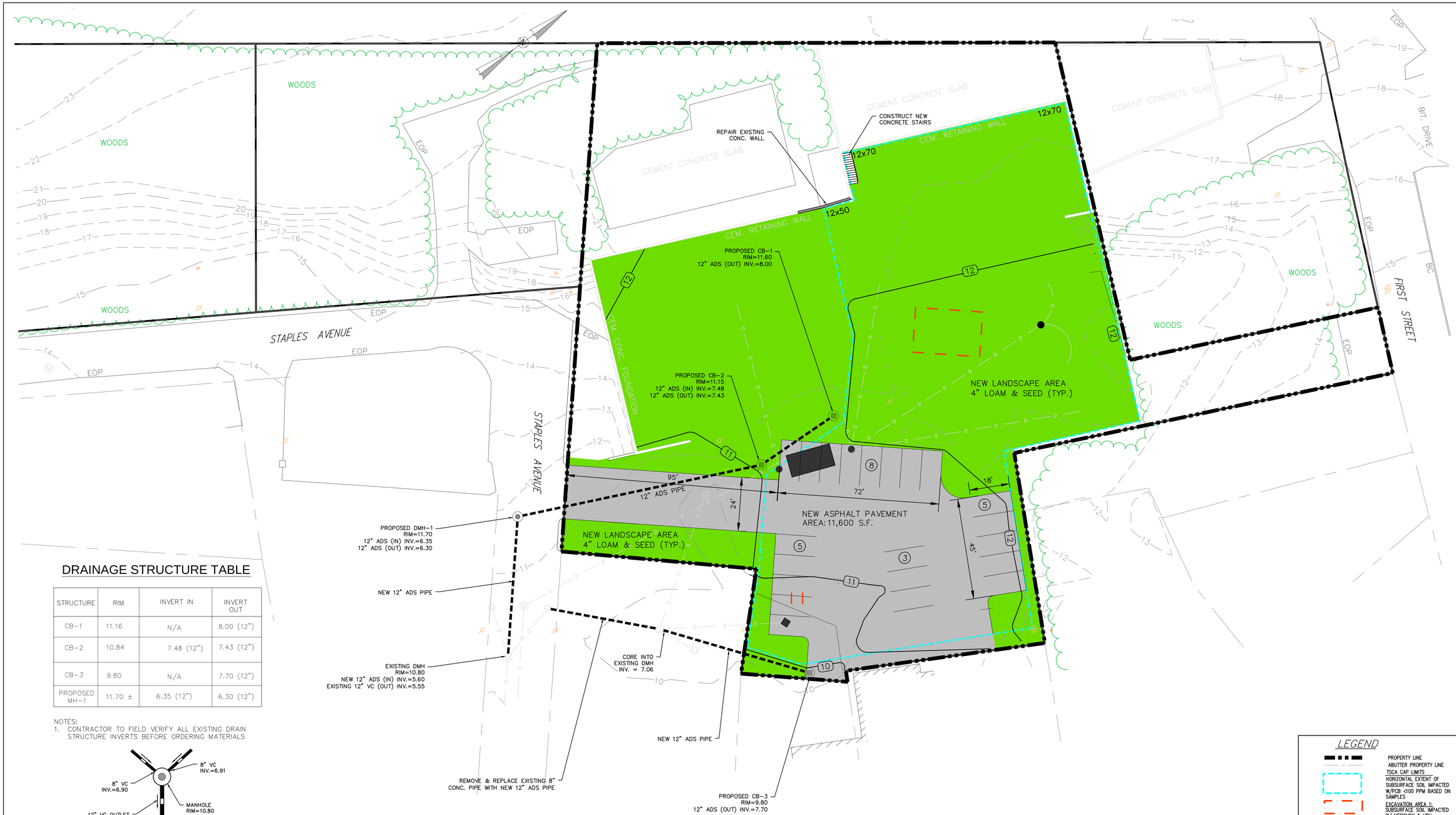
PROFESSIONAL APPROVAL:
COMMONWEALTH OF MASSACHUSETTS
ROBERT CHARLES ATWOOD
No. 29820
REGISTERED PROFESSIONAL ENGINEER

DRAWN BY: RM
DESIGNED BY: DE
CHECKED BY: DE
APPROVED BY: RA
PROJECT MANAGER: DE

PREPARED BY:
Resource Controls
Proven Environmental & Engineering Solutions
474 Broadway, Pawtucket, RI 02860 401-728-8845
378 Foggs Street Unit D, Stoughton, MA 02072 781-890-5374
www.resourcecontrols.com

DRAWING TITLE:
PROPOSED DEMOLITION WORK

DATE: June 2012
PROJECT NUMBER: 6878
SHEET NUMBER: SHEET 1 OF 1
DRAWING NUMBER: FIGURE 7



DRAINAGE STRUCTURE TABLE

STRUCTURE	RIM	INVERT IN	INVERT OUT
CB-1	11.16	N/A	8.00 (12")
CB-2	10.84	7.48 (12")	7.43 (12")
CB-3	9.80	N/A	7.70 (12")
PROPOSED MH-1	11.70 ±	6.35 (12")	6.30 (12")

NOTES:
1. CONTRACTOR TO FIELD VERIFY ALL EXISTING DRAIN STRUCTURE INVERTS BEFORE ORDERING MATERIALS

EXISTING MH IN STAPLES AVE

INFORMATION TAKEN FROM PLAN PREPARED BY:
GREENSEAL ENVIRONMENTAL INC.
28 ROUTE 6A
SANDWICH, MA 02563
TITLED: SITE PLAN PREPARED FOR: CITY OF TAUNTON
DATED: 07/24/08 SCALE: 1"=80"

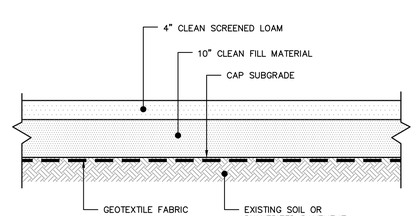
MAP REFERENCE:

INFORMATION ON THIS PLAN WAS BASED ON A MAP ENTITLED "ACTIVITY & USE LIMITATION PLAN, 10 FIRST STREET, TAUNTON, MASS, SCALE 1"=30', DATE: 3-05-12, 1 OF 1, PREPARED BY: TIBBETTS ENGINEERING CORP., TAUNTON, MASS"

SCALE IN FEET

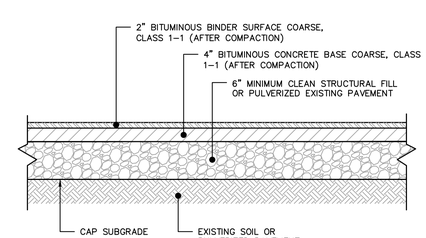
0 10 20 40 80

SCALE : 1"= 20'



TYPICAL CAP SECTION AT LANDSCAPED AREAS WITH GRASS SURFACE COVER OR PLANTINGS

NOT TO SCALE



TYPICAL CAP SECTION AT IMPERMEABLE CONCRETE AND ASPHALT PAVED AREAS

NOT TO SCALE

LEGEND

- PROPERTY LINE
- ABUTTER PROPERTY LINE
- TSCA CAP LIMITS
- HORIZONTAL EXTENT OF SUBSURFACE SOIL IMPACTED W/PCB <100 PPM BASED ON SAMPLES
- EXCAVATION AREA 1: SUBSURFACE SOIL IMPACTED W/ MERCURY & VPH
- EXCAVATION AREA 2: SUBSURFACE SOIL IMPACTED W/PCB >100 PPM BASED ON
- PROPOSED DRAINAGE
- 13 PROPOSED GRADE
- 11 EXISTING GRADE
- D EXISTING DRAINAGE
- MANHOLE
- SEWER MANHOLE
- TELEPHONE MANHOLE
- DRAIN MANHOLE
- ELECTRIC MANHOLE
- CATCH BASIN
- EOP EDGE OF PAVEMENT
- CPD CONC. PAD
- ASPHALT PAVEMENT
- LANDSCAPE AREA

NO.	REVISION DESCRIPTION	DRN BY:	CHK BY:	DATE

PREPARED FOR:
THE NEIGHBORHOOD CORP.
120 INGELL STREET
TAUNTON, MA 02780

PROJECT INFORMATION:
10 FIRST STREET
TAUNTON, MA

PROFESSIONAL APPROVAL:
COMMONWEALTH OF MASSACHUSETTS
ROBERT CHARLES ATWOOD
No. 29025
REGISTERED PROFESSIONAL ENGINEER

DRAWN BY: RM
DESIGNED BY: DE
CHECKED BY: DE
APPROVED BY: RA
PROJECT MANAGER: DE

PREPARED BY:
Resource Controls
Proven Environmental & Engineering Solutions
474 Broadway, Pawtucket, RI 02860 401-728-4840
378 Hope Street, Providence, RI 02906 401-272-7811
www.resourcecontrols.com

DRAWING TITLE:
PROPOSED GRADING & UTILITIES

DATE: June 2012
PROJECT NUMBER: 6878
SHEET NUMBER: SHEET 1 OF 1
DRAWING NUMBER: FIGURE 8

APPENDIX A

Certification

Certification

The undersigned owner of the property where the cleanup site is located and the party conducting the cleanup certify that all sampling plans, sampling collection procedures, sample preparation procedures, extraction procedures and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup site are on file at the location indicated below and are available for EPA inspection, as set forth below.

Document Location:

The Neighborhood Corporation
120 Ingell Street
Taunton, Massachusetts 02780

Property Owner and Party Conducting the Cleanup:

Authorized Signature

6/19/12
Date

DEAN E. HARRISON
Name of Authorized representative (print)

EXECUTIVE DIRECTOR.
Title

APPENDIX B

Drilling Logs

Resource Controls
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DRILLING LOG

LOCATION ID.: **B-112**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **7/30/10**
DATE FINISHED: **7/30/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	50%			0.00 - 1.00 CONCRETE and FILL (sand/gravel/clay) dry			
				1.00 - 2.00 Black coarse SAND and some silt, moist.	2886		
				2.00 - 5.00 No Recovery.			
5	70%			5.00 - 7.00 Black PEAT and SAND, possible perched water in sandy interface at 6.5 ft.	102.4		
				7.00 - 8.60 Black organic, silty PEAT, moist	13.9		
10				8.60 - 10.00 No Recovery.			

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for pesticides, metals, and/or VOCs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-113**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **7/30/10**
DATE FINISHED: **7/30/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	25%			0.00 - 0.50 CONCRETE			
				0.50 - 1.00 Brown SAND and GRAVEL FILL, white clay-like material immediately below, dry			
				1.00 - 1.50 Black coarse SAND and organics, moist	1688		
				1.50 - 5.00 No Recovery.			
5	50%			5.00 - 7.20 Black PEAT and organic silt, moist.			
				7.20 - 10.00 No Recovery.	1.9		
10							

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Samples collected for pesticides, metals, and/or VOCs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-114**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **7/30/10**
DATE FINISHED: **7/30/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	50%			0.00 - 1.00 Brown, SAND and GRAVEL fill, dry	10.7		
				1.00 - 1.50 Gray CLAY, Dry.			
				1.50 - 2.10 Black coarse SAND and organics, moist.			
				2.10 - 2.60 Dark brown PEAT.			
				2.60 - 5.00 No Recovery.			
5	10%			5.00 - 10.00 Poor recovery from 5-10. Large piece of wood lodged in shoe. Core was very wet, noted some oily flecks of material on liner that may have been NAPL; but could also be organic material adhored to liner from passing through peat.			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: No samples collected for laboratory analysis.

Resource Controls
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DRILLING LOG

LOCATION ID.: **B-115**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **7/30/10**
DATE FINISHED: **7/30/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	40%			0.00 - 1.30 Concrete/Sand/Gravel FILL			
				1.30 - 2.00 Black, medium to coarse SAND with some (+) fine to medium gravel, moist.	13.2		
				2.00 - 5.00 No Recovery			
5	40%			5.00 - 7.00 Black PEAT and organic SILT, some sand and gravel at top of core, wet.	<1		
				7.00 - 10.00 No Recovery.			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Samples collected for pesticides, metals,VOCs, and/or PCBs.

Resource Controls
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DRILLING LOG

LOCATION ID.: **B-123**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/12/10**
DATE FINISHED: **8/12/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	50%			0.00 - 0.50 Concrete			
				0.50 - 2.00 Brown/dark brown, medium to coarse SAND with some (-) fine to medium gravel, trace glass, dry-moist.			
				2.00 - 2.50 Dark brown, SILT and ORGANICS (fibric peat), wet.	3288		
				2.50 - 5.00 No Recovery			
5	44%			5.00 - 5.50 Black SAND and wood fibers			
				5.50 - 7.20 Black PEAT, fibers moderately well degraded, wet.	2.8		
10							

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Aliquot collected for CB-1 composite sample for PCBs.
Discrete sample collected for VOCs.

Resource Controls
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DRILLING LOG

LOCATION ID.: **B-124**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/12/10**
DATE FINISHED: **8/12/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	50%			0.00 - 0.50 Concrete			
				0.50 - 2.00 Brown/dark brown, medium to coarse SAND with some (-) fine to medium gravel, dry-moist.			
				2.00 - 2.50 Dark gray SILT, trace clay, wet.	2580		
				2.50 - 5.00 No Recovery			
5	66%			5.00 - 5.30 Dark gray, medium to coarse SAND and SILT with some clay, wet.			
				5.30 - 6.20 Black SAND and SILT, wood fibers.			
				6.20 - 8.50 Black, fine to medium SAND, some peat, silt, and clay, moderately decomposed wood fibers, wet.	2.2		
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for CB-1 composite sample for PCBs.

Resource Controls
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DRILLING LOG

LOCATION ID.: **B-125**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/12/10**
DATE FINISHED: **8/12/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	52%			0.00 - 0.60 Concrete			
				0.60 - 1.90 Dark brown-black, medium to coarse SAND with some (+) fine to medium gravel, dry to moist.			
				1.90 - 2.60 Dark gray-black medium to coarse SAND with little fine to medium gravel and trace silt.	2780		
				2.60 - 5.00 No Recovery			
5	46%			5.00 - 6.00 Dark gray, medium to coarse SAND and organics (wood debris), trace silt, saturated.			
				6.00 - 7.30 Black PEAT, wet.			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for CB-1 composite sample for PCBs.
Discrete sample collected for VOCs.

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DRILLING LOG

LOCATION ID.: **B-126**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/12/10**
DATE FINISHED: **8/12/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	60%			0.00 - 0.70 Concrete			
				0.70 - 1.10 Brown, medium to coarse SAND, some fine sand, dry			
				1.10 - 1.80 Black, fine to medium SAND with gravel and rock fragments			
				1.80 - 3.00 Dark gray, medium to coarse SAND and GRAVEL, rock fragments, silt and clay layers, wood fragments, moist to wet	1727		
				3.00 - 5.00 No Recovery			
5	48%			5.00 - 5.50 Black fine to medium GRAVEL (angular), wet			
				5.50 - 5.90 Black wood fragments, wet			
				5.90 - 6.20 Dark gray-black medium SAND, trace silt, wet (trace organics)			
				6.20 - 7.40 Black PEAT and organic silt, moist to wet			
				7.40 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for CB-1 composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-127**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/12/10**
DATE FINISHED: **8/12/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	50%			0.00 - 0.50 Concrete			
				0.50 - 2.40 Dark brown-black, medium to coarse SAND with some (+) fine to medium gravel, trace rock fragments, trace coal, dry.			
				2.40 - 2.50 Black medium SAND and SILT, moist.			
				2.50 - 5.00 No Recovery.			
5	22%			5.00 - 6.10 Black organic SILT and medium GRAVEL (angular), saturated.	792		
				6.10 - 10.00 No Recovery.			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for SEG-1A composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-128**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/12/10**
DATE FINISHED: **8/12/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	56%			0.00 - 0.30 Concrete			
				0.30 - 2.80 Brown-black, medium to coarse SAND with some (-) fine to medium gravel, trace silt, trace coal, dry to moist.			
				2.80 - 5.00 No Recovery.			
5	60%			5.00 - 6.50 Dark gray SILT, trace organics, trace brick fragments, very soft, wet.	1708		
				6.50 - 8.00 Black PEAT, visible fibers, moist-wet.			
				8.00 - 10.00 No Recovery.			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for SEG-1A composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-129**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/12/10**
DATE FINISHED: **8/12/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	50%			0.00 - 0.50 Concrete			
				0.50 - 2.50 Brown-black medium to coarse SAND with little (+) fine to medium gravel, trace silt, trace wood fragments, dry to wet at base of core.			
				2.50 - 5.00 No Recovery.			
5	48%			5.00 - 6.00 Dark gray, SILT and medium GRAVEL, soft, trace organics, wet.	735		
				6.00 - 7.40 Black PEAT, moist to wet.			
				7.40 - 10.00 No Recovery.			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for SEG-1A composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-130**
TOTAL DEPTH (FT.): **8**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/12/10**
DATE FINISHED: **8/12/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	67%			0.00 - 0.50 Concrete	2829		
				0.50 - 1.80 Brown-light brown, medium SAND and GRAVEL, some layers of balck peat, dry.			
				1.80 - 2.50 Black medium SAND and GRAVEL, rock fragments, dry			
				2.50 - 3.00 Light gray medium SAND and GRAVEL with rock fragments, dry.			
				3.00 - 3.30 Gray fine to medium SAND and GRAVEL, trace silt, moist.			
				3.30 - 5.00 No Recovery.			
5	57%			5.00 - 6.50 Black, fine to medium SAND, some fine gravel, trace silt and clay, wet.			
				6.50 - 6.70 Black, medium angular GRAVEL, wet.			
				6.70 - 8.00 No Recovery. Refusal at 8 ft.			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for SEG-1B composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-131**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/12/10**
DATE FINISHED: **8/12/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	62%			0.00 - 0.50 Concrete			
				0.50 - 1.00 Brown, medium to coarse SAND and GRAVEL, dry.			
				1.00 - 1.30 Black medium SAND and GRAVEL with trace silt, dry.			
				1.30 - 1.60 Light gray, medium to coarse SAND and GRAVEL, dry			
				1.60 - 3.00 Black medium to coarse SAND and GRAVEL, trace silt and clay.	2450		
				3.00 - 3.10 Black CLAY layer with wood fibers.			
				3.10 - 5.00 No Recovery.			
5	54%			5.00 - 5.50 Black wood fibers and GRAVEL, some medium to coarse SAND, moist.			
				5.50 - 7.70 Black PEAT with moderately decomposed wood fibers.			
10				7.70 - 10.00 No Recovery.			

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for SEG-1B composite sample for PCBs.
Discrete sample collected from 2.5-2.8 ft for VOCs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-132**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/12/10**
DATE FINISHED: **8/12/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	65%			0.00 - 0.20 Asphalt			
				0.20 - 0.80 Concrete			
				0.80 - 1.50 Brown, medium to coarse SAND, trace fine sand, dry			
				1.50 - 3.20 Brown, gray, and black layers of fine to medium and medium to coarse SAND and GRAVEL, some rock fragments, trace silt			
				3.20 - 5.00 No Recovery			
5	30%			5.00 - 5.90 Black fine to medium SAND, trace silt			
				5.90 - 6.30 Black fine SAND and SILT with some clay, some organics (wood), slight sheen at bottom of core.	1894		
				6.30 - 6.50 Black medium SAND and GRAVEL with rock fragments			
				6.50 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for SEG-1B composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-133**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/12/10**
DATE FINISHED: **8/12/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	66%			0.00 - 0.30 Asphalt	2170		
				0.30 - 0.90 Concrete			
				0.90 - 1.70 Brown, fine to medium SAND, trace silt, some gravel, dry.			
				1.70 - 3.30 Black to gray, medium to coarse SAND and GRAVEL, trace fine, trace silt and clay at bottom of core			
				3.30 - 5.00 No Recovery			
5	46%			5.00 - 6.10 Black fine to medium SAND with some gravel and clay/silt layers, slight sheen, some wood fibers			
				6.10 - 6.70 Brown, coarse SAND and GRAVEL, saturated			
				6.70 - 7.30 Black PEAT with some wood fibers			
				7.30 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for SEG-1B composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-134**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/12/10**
DATE FINISHED: **8/12/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	80%			0.00 - 0.30 Asphalt			
				0.30 - 3.50 Brown-reddish brown, medium to coarse SAND with some (-) fine to medium gravel, trace silt, trace brick, wet at 3.5' bgs			
				3.50 - 4.00 Black medium SAND and SILT, wet	1755		
				4.00 - 5.00 No Recovery			
5	60%			5.00 - 7.40 Dark gray medium GRAVEL and rock fragments, some silt and medium to coarse sand, wet			
				7.40 - 8.00 Black PEAT	26.5		
				8.00 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for CB-2 composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-135**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/12/10**
DATE FINISHED: **8/12/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	70%			0.00 - 0.20 Asphalt			
				0.20 - 0.70 Concrete			
				0.70 - 2.40 Brown to black medium to coarse SAND with some (-) fine to medium gravel, trace coal, dry to moist			
				2.40 - 3.50 Dark gray, fine to medium SAND and SILT, moist to wet	2360		
				3.50 - 5.00 No Recovery			
5	20%			5.00 - 6.00 Dark gray, medium to coarse SAND and SILT with some (-) medium gravel, wet, soft			
				6.00 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for CB-2 composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-136**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/12/10**
DATE FINISHED: **8/12/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	56%			0.00 - 0.30 Asphalt 0.30 - 2.80 Brown-dark reddish brown, medium to coarse SAND and (+) fine to medium gravel/rock fragments, dry to moist			
				2.80 - 5.00 No Recovery			
5	20%			5.00 - 6.00 Dark gray, medium GRAVEL, some fine sand/silt, saturated, soft, trace sheen on water	125		
				6.00 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for CB-2 composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-137**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/12/10**
DATE FINISHED: **8/12/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	70%			0.00 - 0.20 Asphalt			
				0.20 - 0.70 Concrete			
				0.70 - 2.60 Brown to black, medium to coarse SAND with some (-) fine to medium gravel/rock fragments, dry to moist.			
				2.60 - 3.50 Dark gray, fine SAND, grading into silt, dense, moist to wet	2600		
				3.50 - 5.00 No Recovery			
5	60%			5.00 - 6.50 Dark gray, GRAVEL and Silt/SAND			
				6.50 - 8.00 Black PEAT			
10				8.00 - 10.00 No Recovery			

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Discrete sample for VOCs (3.2-3.5 ft) and PCBs (5-6.5 ft).

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-138**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/13/10**
DATE FINISHED: **8/13/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	52%			0.00 - 0.20 Asphalt			
				0.20 - 2.30 Brown-dark brown, medium to coarse SAND with little (+) fine gravel, dry			
				2.30 - 2.60 Gray rock fragments			
				2.60 - 5.00 No Recovery			
5	48%			5.00 - 7.40 Dark gray SILT with some (+) medium gravel, trace clay, wet, saturated at bottom of core, also becoming sandier at base	12.5		
				7.40 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for CB-3 composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-139**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/13/10**
DATE FINISHED: **8/13/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	71%			0.00 - 0.20 Asphalt			
				0.20 - 0.50 Degraded CONCRETE			
				0.50 - 3.30 Dark brown-black medium to coarse SAND with little (-) fine to medium gravel, trace silt and coal, dry to moist	9.1		
				3.30 - 3.70 Dark gray SILT, trace sand and clay, wet			
				3.70 - 5.00 No Recovery			
5	62%			5.00 - 7.40 Dark gray SILT with some (+) fine to medium angular gravel, wet	85		
				7.40 - 8.10 Black PEAT with thin zone of medium to coarse sand immediately above			
				8.10 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for CB-3 composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-140**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/13/10**
DATE FINISHED: **8/13/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	52%			0.00 - 0.20 Asphalt			
				0.20 - 2.20 Brown, medium to coarse SAND with some (-) fine to medium gravel, trace silt, dry to moist			
				2.20 - 2.40 Rock fragments, dry			
				2.40 - 2.60 Dark gray SILT and medium to coarse SAND, moist to wet			
				2.60 - 5.00 No Recovery			
5	48%			5.00 - 6.50 Dark gray SILT and fine to coarse SAND with little (+) fine to medium gravel, trace organics, wet, wood debris at top of core	4771		
				6.50 - 7.40 Dark gray medium GRAVEL (angular), some (+) fine to medium sand and silt, saturated			
				7.40 - 10.00 No Recovery			
10							

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Aliquot collected for CB-3 composite sample for PCBs.
Discrete sample collected for VOCs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-141**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/13/10**
DATE FINISHED: **8/13/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	74%			0.00 - 0.20 Asphalt			
				0.20 - 0.80 Degraded Concrete			
				0.80 - 3.30 Dark brown to black medium to coarse SAND with some (+) fine to medium gravel, trace silt, trace coal, dry to moist			
				3.30 - 3.70 Dark gray SILT and fine to medium SAND, dense, wet			
				3.70 - 5.00 No Recovery			
5	40%			5.00 - 7.00 Dark gray SILT and medium GRAVEL, some sand, soft, saturated, rock fragments at base of core	80		
				7.00 - 10.00 No Recovery			
10							

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Aliquot collected for CB-3 composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-142**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/13/10**
DATE FINISHED: **8/13/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	56%			0.00 - 0.20 Asphalt			
				0.20 - 0.80 Concrete			
				0.80 - 2.80 Dark brown, medium to coarse SAND with little (+) fine to medium gravel, trace silt, trace glass, trace coal, dry-moist			
				2.80 - 5.00 No Recovery			
5	50%			5.00 - 7.20 Dark gray, coarse SAND and fine to medium GRAVEL, some silt, saturated	2750		
				7.20 - 7.50 Black PEAT, wet			
				7.50 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for SEG-3A composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-143**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/13/10**
DATE FINISHED: **8/13/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	72%			0.00 - 0.30 Asphalt 0.30 - 3.60 Dark brown to yellowish red, medium to coarse SAND with little (+) fine to medium gravel, trace silt, trace coal, wet at base of core.	109		
				3.60 - 5.00 No Recovery			
5	40%			5.00 - 7.00 Dark gray coarse SAND and fine to medium GRAVEL, some silt, soft, saturated			
				7.00 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for SEG-3A composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-144**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/13/10**
DATE FINISHED: **8/13/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	70%			0.00 - 0.30 Asphalt			
				0.30 - 2.70 Dark brown-black medium to coarse SAND with some (-) fine to medium gravel, trace silt, trace coal, dry			
				2.70 - 3.50 Yellowish red to light brown, fine to coarse SAND with little (+) fine gravel, moist			
				3.50 - 5.00 No Recovery			
5	66%			5.00 - 7.00 Dark gray fine to medium GRAVEL and coarse SAND, little silt, soft, saturated	2760		
				7.00 - 7.30 Black PEAT, wet.			
				7.30 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected forSEG-3A composite sample for PCBs.
Discrete sample for VOCs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-145**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/13/10**
DATE FINISHED: **8/13/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	70%			0.00 - 0.20 Asphalt			
				0.20 - 3.10 Dark brown to black, medium to coarse SAND, little (+) fine gravel, trace silt, trace coal, dry			
				3.10 - 3.50 Yellowish brown fine SAND, wet			
				3.50 - 5.00 No Recovery			
5	20%			5.00 - 6.00 Dark gray fine to medium gravel and coarse SAND, little silt, saturated			
				6.00 - 10.00 No Recovery			
10							

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Aliquot collected for SEG-3A composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-146**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/13/10**
DATE FINISHED: **8/13/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	70%			0.00 - 0.50 Asphalt			
				0.50 - 3.00 Tan to dark reddish brown, medium to coarse SAND with little (+) fine to medium gravel, trace silt, trace coal, dry to moist			
				3.00 - 3.50 Dark yellowish red fine SAND, wet			
				3.50 - 5.00 No Recovery			
5	40%			5.00 - 6.50 Dark gray fine to medium gravel and coarse SAND, little silt, saturated	2.9		
				6.50 - 7.00 Black PEAT, moist, wet			
				7.00 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for SEG-3B composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-147**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/13/10**
DATE FINISHED: **8/13/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	72%			0.00 - 0.30 Asphalt 0.30 - 3.60 Dark brown, medium to coarse SAND with little (+) fine to medium gravel, trace glass, moist, yellowish red mottles below 1.5 ft	2.2		
				3.60 - 5.00 No Recovery			
5	40%			5.00 - 7.00 Dark gray SILT and fine to medium GRAVEL, some sand, saturated. Becoming organic-rich toward base of core.			
				7.00 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for SEG-3B composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-148**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/13/10**
DATE FINISHED: **8/13/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	76%			0.00 - 0.20 Asphalt 0.20 - 3.40 Brown/black medium to coarse SAND with some (-) fine to medium gravel, trace silt, trace coal, trace brick, dry			
				3.40 - 3.80 Dark yellowish red, fine SAND, trace silt becoming siltier at base of core, wet 3.80 - 5.00 No Recovery			
5	46%			5.00 - 7.10 Dark gray fine to medium GRAVEL, some silt, saturated, soft, silt content decreasing toward base of core	7.5		
				7.10 - 7.30 Black PEAT, moist 7.30 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for SEG-3B composite sample for PCBs.
Discrete sample for VOCs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-149**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/13/10**
DATE FINISHED: **8/13/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	72%			0.00 - 0.30 Asphalt			
				0.30 - 3.20 Brown/black medium to coarse SAND with some (-) fine to medium gravel, trace Silt and coal, dry to moist.			
				3.20 - 3.60 Dark, yellowish brown, fine SAND and SILT, with some (-) medium gravel, wet.			
				3.60 - 5.00 No Recovery			
5	40%			5.00 - 6.60 Dark gray, fine to medium GRAVEL and fine to medium SAND and SILT, saturated, soft.	3.1		
				6.70 - 7.00 Black PEAT, wet.			
				7.00 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for SEG-3B composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-150**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/13/10**
DATE FINISHED: **8/13/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	60%			0.00 - 0.30 Asphalt 0.30 - 3.00 Brown-black medium to coarse SAND with some (-) fine to medium gravel, little coal, brick fragments at 2.5 ft, dry-moist	1.5		
				3.00 - 5.00 No Recovery			
5	32%			5.00 - 6.60 Dark gray, fine to medium GRAVEL and SILT, saturated, soft			
				6.60 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Aliquot collected for SEG-3B composite sample for PCBs.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

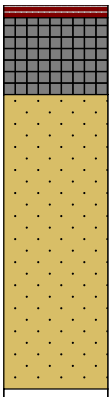
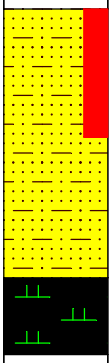
LOCATION ID.: **B-151**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **8/13/10**
DATE FINISHED: **8/13/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Hayes Rembijas**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	60%			0.00 - 0.10 Asphalt 0.10 - 0.70 Degraded concrete 0.70 - 3.00 Brown-black, medium to coarse SAND with some (-) fine to medium gravel, trace coal, wet at base of core	505		
				3.00 - 5.00 No Recovery			
5	54%			5.00 - 7.10 Dark gray SILT and coarse SAND/fine GRAVEL, saturated, soft			
				7.10 - 7.70 Black PEAT, wet			
10				7.70 - 10.00 No Recovery			

Apparent water level during drilling Laboratory analytical sample

NOTES: Samples collected for VOCs to delineate extent of VOCs east of storm drain system (extra boring).

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-153**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **9/23/10**
DATE FINISHED: **9/23/10**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	64%			0.00 - 2.30 Light brown, medium to coarse SAND with some gravel - apprears to be fill with pockets of concrete			
				2.30 - 2.70 White, pink, and purplish, weathered PAINT, rubbery texture, dry			
				2.70 - 3.20 Black, fine SAND with clay and silt layers, odor	5.8		
				3.20 - 5.00 No Recovery			
5	40%			5.00 - 7.00 Same as above with weathered wood debris	0.0		
				7.00 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample collected for lead. Soil sample does not include weathered paint within sampling interval.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-155**
TOTAL DEPTH (FT.): **5**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **9/23/2010**
DATE FINISHED: **9/23/2010**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	60%			0.00 - 1.00 Concrete	2192		
				1.00 - 1.70 Brown, medium to coarse SAND with medium gravel, appreas to be fill			
				1.70 - 1.90 White "rubbery" weathered paint			
				1.90 - 3.00 Black, fine to medium SAND with some gravel and weathered wood debris			
				3.00 - 5.00 No Recovery			
5							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs and VPH.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-156**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Barrett Smith**
DATE STARTED: **9/23/2010**
DATE FINISHED: **9/23/2010**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe 6620**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	46%			0.00 - 2.30 Dark brown/black medium SAND with angular gravel, trace silt and clay, dry	2793		
				2.30 - 5.00 No Recovery			
5	50%			5.00 - 7.00 Dark brown/black medium SAND			
				7.00 - 8.00 Black, fine SAND and SILT	2041		
				8.00 - 8.50 Brownish gray medium to coarse SAND			
				8.50 - 10.00 No Recovery			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PAH, PCBs, Lead, and Pesticides

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-1R**
TOTAL DEPTH (FT.): **5**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-1R**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **8/1/2011**
DATE FINISHED: **8/1/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	36%			0.00 - 1.80 Very Fine SAND with Gravel, Dry	0.0		
5							

Apparent water level during drilling Laboratory analytical sample

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-201**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	40%			0.00 - 0.20 Concrete 0.20 - 0.60 Brown, medium SAND 0.60 - 2.00 Black, medium SAND and GRAVEL, Odor	269.7		
5	20%			5.00 - 6.00 Black, medium SAND and GRAVEL, Some Clay, Odor			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs and VPH

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-202**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	30%			0.00 - 0.20 Concrete 0.20 - 1.50 Brown, medium SAND and GRAVEL, Some Peat	0.0		
5	40%			5.00 - 7.00 Black medium SAND and GRAVEL, some Clay and Peat, Weathered Paint and decomposing wood.	1.2		
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs and VPH

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-203**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	20%			0.00 - 0.20 Concrete and some wood			
				0.20 - 1.50 Brown, medium SAND and GRAVEL	0.0		
5	60%			5.00 - 6.50 Dark Brown, Fine to Medium SAND with Gravel and some Clay/Silt, Moist	0.0		
				6.50 - 8.00 Black PEAT			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs and VPH

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-204**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	20%			0.00 - 0.20 Concrete 0.20 - 1.00 Brown, medium SAND and GRAVEL	0.0		
5	60%			5.00 - 7.00 Dark Brown, Fine to Medium SAND with Gravel and some Clay/Silt, Moist	46.8		
				7.00 - 8.00 Black PEAT			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs and VPH

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-205**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	30%			0.00 - 0.20 Concrete 0.20 - 1.50 Brown, medium SAND and GRAVEL	0.0		
5	54%			5.00 - 6.50 Dark Brown, Fine SAND with Gravel and some Clay, Moist	0.0		
				6.50 - 7.00 Black PEAT			
				7.00 - 7.70 Gray SAND and GRAVEL, dry			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs and VPH

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-206**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	20%			0.00 - 0.20 Concrete 0.20 - 1.00 Brown, medium SAND and GRAVEL	0.0		
5	56%			5.00 - 7.20 Dark Brown, Fine to Meduium SAND with Gravel and some Clay, Trace Glass, Moist	0.0		
				7.20 - 7.80 Black PEAT			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs and VPH

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-207**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	56%			0.00 - 0.20 Concrete 0.20 - 2.80 Brown, Fine to Medium SAND and GRAVEL, Some Clay	196.0		
5	10%			5.00 - 5.50 Coarse SAND, Decomposed wood	144.4		
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-208**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	30%			0.00 - 0.20 Concrete			
				0.20 - 1.90 Brown, Fine to Medium SAND			
				1.90 - 2.50 Black, Fine to Medium SAND with Trace Clay and Gravel, Odor	233.2		
5	40%			5.00 - 7.00 Brown, Fine to Medium SAND with some gravel, Saturated	0.0		
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs and VPH

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-209**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	70%			0.00 - 0.10 Asphalt 0.10 - 1.30 Brown, Medium SAND and GRAVEL 1.30 - 3.50 Black, Fine to Medium SAND with some clay and organics	0.0		
5	54%			5.00 - 7.70 Same as above with decomposing wood	0.0		
10							

Apparent water level during drilling Laboratory analytical sample

NOTES: Sample for PCBs and VPH

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-210**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	54%			0.00 - 0.10 Asphalt 0.10 - 2.70 Brown, FIne to Medium SAND and GRAVEL, darker at bottom with odor	944.5		
5	44%			5.00 - 7.10 Black/Dark Brown, FIne to Coarse SAND and GRAVEL, Some Clay 7.10 - 7.20 PEAT	1006		
10							

Apparent water level during drilling Laboratory analytical sample

NOTES: Sample for PCBs and VPH

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-211**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	60%			0.00 - 0.10 Asphalt 0.10 - 3.00 Brown to Dark Brown, Fine to Medium SAND with some Gravel	0.0		
5	66%			5.00 - 8.00 Brown SAND and GRAVEL	0.0		
				8.00 - 8.30 PEAT			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-212**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	76%			0.00 - 0.10 Asphalt 0.10 - 0.20 Concrete 0.20 - 3.00 Brown Medium SAND and GRAVEL	2.6		
				3.00 - 3.80 Black, Medium SAND with Gravel, Odor			
5	22%			5.00 - 6.10 Same as above	0.0		
10							

Apparent water level during drilling Laboratory analytical sample

NOTES: Sample for PCBs and VPH

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-213**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	90%			0.00 - 0.10 Asphalt 0.10 - 4.50 Brown, Fine to Medium SAND and GRAVEL, some Clay, Odor, black at bottom with slight sheen	1705		
5	16%			5.00 - 5.80 Same as above, saturated			
10							

Apparent water level during drilling Laboratory analytical sample

NOTES: Sample for PCBs and VPH

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-214**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	40%			0.00 - 0.10 Asphalt 0.10 - 2.00 Brown, SAND and Gravel			
5	60%			5.00 - 6.00 Brown SAND, sheen and odor 6.00 - 6.50 Gray CLAY 6.50 - 8.00 Brown, SAND and GRAVEL			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs and VPH

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-215**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	36%			0.00 - 0.10 Asphalt 0.10 - 1.80 Dark Brown, SAND with clay and gravel, slight sheen, no odor	1.3		
5	40%			5.00 - 7.00 Brown Sand and Gravel, Saturated			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs and VPH

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-216**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	40%			0.00 - 0.20 Concrete 0.20 - 2.00 Brown/orangish Medium to Coarse SAND, odor	10.7		
5	48%			5.00 - 7.40 Black PEAT, odor	371.5		
10							

Apparent water level during drilling Laboratory analytical sample

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-217**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	6%			0.00 - 0.20 Concrete 0.30 - 0.30 Brown, SAND and gravel			
5	46%			5.00 - 7.30 Gray, Fine to Medium SAND with some gravel, odor	480.6		
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs and VPH

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-218**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	40%			0.00 - 0.20 Concrete 0.20 - 1.00 Brown, Medium to Coarse SAND and GRAVEL 1.00 - 2.00 Brown Fine to Medium SAND with trace Gravel	461.8		
5	14%			5.00 - 5.70 Gray, Medium to Coarse SAND and gravel, moist/wet	263.4		
10							

Apparent water level during drilling Laboratory analytical sample

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-219**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	34%			0.00 - 0.20 Concrete 0.20 - 1.70 Brown, Medium to Coarse SAND with Gravel (fill material)	0.0		
5	50%			5.00 - 7.50 Gray, Fine to medium SAND with some gravel, petroleum odor and sheen	83.7		
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-220**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	64%			0.00 - 0.20 Concrete 0.20 - 3.20 Light brown/orangish, Fine to medium SAND, petroleum odor	29.0		
5	74%			5.00 - 8.70 Gray, fine to medium SAND, wet with 2-inches of concrete at bottom of sleeve	137.7		
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-221**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	38%			0.00 - 0.20 Concrete 0.20 - 1.90 Brown/gray, Fine to Medium SAND with Gravel and Some Clay, Dry	244.5		
5	54%			5.00 - 7.70 Gray, Fine to Medium SAND and Gravel	535.6		
10							

Apparent water level during drilling Laboratory analytical sample

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-222**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	34%			0.00 - 0.20 Concrete 0.20 - 1.70 Fine to Medium SAND and Gravel with some Black Sand and Clay	665.4		
5	30%			5.00 - 6.50 Brown/black, Fine to Medium SAND with 3-inch clay layer, Moist	907.9		
10							

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-223**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	34%			0.00 - 0.20 Concrete 0.20 - 1.70 Brown/black, FIne to Medium SAND, some Clay and Gravel, odor	387.7		
5	22%			5.00 - 6.10 Same as above, saturated	570.2		
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-224**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/6/2011**
DATE FINISHED: **4/6/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	36%			0.00 - 0.20 Concrete 0.20 - 1.80 Brown, SAND and Gravel, Some Clay, Moist	0.0		
5	74%			5.00 - 7.80 Brown/black, Fine to Medium SAND with Clay and Organics	0.0		
				7.80 - 8.70 Black PEAT			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs
4/6/2011

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-225**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/6/2011**
DATE FINISHED: **4/6/201**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	46%			0.00 - 0.20 Concrete 0.20 - 0.50 Brown/orangish, Medium SAND 0.50 - 2.30 Dark Brown, Fine to Medium SAND with some Gravel and Clay	0.0		
5	74%			5.00 - 8.70 Brown, Medium SAND with some Gravel, Saturated	0.0		
10							

Apparent water level during drilling Laboratory analytical sample

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-225**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/6/2011**
DATE FINISHED: **4/6/201**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	46%			0.00 - 0.20 Concrete 0.20 - 0.50 Brown/orangish, Medium SAND 0.50 - 2.30 Dark Brown, Fine to Medium SAND with some Gravel and Clay	0.0		
5	74%			5.00 - 8.70 Brown, Medium SAND with some Gravel, Saturated	0.0		
10							

Apparent water level during drilling Laboratory analytical sample

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-226**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/6/2011**
DATE FINISHED: **4/6/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	6%			0.00 - 0.20 Concrete 0.20 - 0.30 SAND	0.0		
5	24%			5.00 - 6.20 Dark Brown/Black, Fine to Medium SAND with some Gravel and Clay, Organics, Wet	0.0		
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs
4/6/2011

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-228**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	60%			0.00 - 0.20 Concrete 0.20 - 3.00 Brown/black, Fine to Medium SAND, odor	397.9		
5	50%			5.00 - 7.50 Brown/black, Fine to Medium SAND with Clay, odor	118.6		
10							

Apparent water level during drilling Laboratory analytical sample

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-229**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	80%			0.00 - 0.20 Concrete			
				0.20 - 3.00 Brown, SAND and Gravel			
				3.00 - 4.00 Black/Dark Brown, Fine to Medium SAND with Clay	172.7		
5	10%			5.00 - 5.50 Same as above			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-230**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	40%			0.00 - 2.00 Fine to Medium SAND and Gravel	0.0		
5	20%			5.00 - 6.00 Fine to Medium SAND and Gravel, Some Peat			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-231**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	84%			0.00 - 0.10 Asphalt 0.10 - 4.20 Brown, Fine to medium SAND and gravel with some black clay layers	0.0		
5	20%			5.00 - 6.00 Same as above, saturated	0.0		
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for Lead

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-324**
TOTAL DEPTH (FT.): **5**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-324**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **8/1/2011**
DATE FINISHED: **8/1/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	44%			0.00 - 0.31 Light Brown Medium SAND, Some Silt	0.0		
				0.31 - 0.60 Concrete Layer			
				0.60 - 1.00 Light Brown Medium SAND, large fragments			
				1.00 - 1.20 Brown/ Dark Brown Medium SAND, Some Medium Gravel			
				1.20 - 1.70 Weathered Paint			
				1.70 - 2.20 Light Brown Medium SAND, Some Small Gravel, Trace Wood Fragments/ Refusal @ 4 FT			
5							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs and VPH

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-325**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-325**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **8/1/2011**
DATE FINISHED: **8/1/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	50%			0.00 - 0.80 Light Brown Fine SAND & GRAVEL, Angular Fragments	0.0		
				0.80 - 0.90 Weathered Paint			
				0.90 - 1.30 Dark Brown, Medium SAND			
				1.30 - 2.50 Dark Brown/ Black Fine SAND & CLAY, Some Gravel, Decomposing Wood			
5	50%			5.00 - 6.80 Light Brown Medium SAND & GRAVEL, Wood			
				6.80 - 7.50 PEAT (Black)			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs and VPH

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-326**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-326**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **8/1/2011**
DATE FINISHED: **8/1/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	44%			0.00 - 0.70 CONCRETE	0.0		
				0.70 - 1.70 Brown Coarse SAND With Some Gravel, Trace Fine			
				1.70 - 2.20 Dark Brown/ Black Fine- Medium SAND With Angular Gravel & Organics/ Refusal @ 3'			

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs and VPH, DUP 4

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-327**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-327**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **8/1/2011**
DATE FINISHED: **8/1/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	70%			0.00 - 1.00 CONCRETE			
				1.00 - 1.20 Brown Medium to Coarse SAND, Medium to Large Gravels (rounded)			
				1.20 - 1.50 Very Dark Grey/Black SAND, Rock Fragments and Slag	323.7		
				1.50 - 2.60 Dark Brown Medium to Coarse SAND, Small Gravel			
				2.60 - 3.50 Grey Very Fine SAND With Mixed Small to Medium Gravel			
5	48%			5.00 - 5.80 Brownish Grey Medium/Coarse SAND, Moist			
				5.80 - 7.40 PEAT (Black/Brown)	4.6		
10							

Apparent water level during drilling Laboratory analytical sample

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-328**
TOTAL DEPTH (FT.): **5**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-328**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **8/2/2011**
DATE FINISHED: **8/2/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	70%			0.00 - 0.40 Asphalt/Concrete	0.0		
				0.40 - 2.60 Light Brown, SAND With Some Gravel, Concrete Layer @ 1.4 - 1.6			
				2.60 - 3.50 Brown, SAND Small Gravels Rounded, Red Lens @ 3.1			
5							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-329**
TOTAL DEPTH (FT.): **5**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-329**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **8/2/2011**
DATE FINISHED: **8/2/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	74%			0.00 - 0.10 ASPHALT	0.0		
				0.10 - 0.50 CONCRETE			
				0.50 - 2.30 Light Brown, Medium to Coarse SAND and GRAVEL, Finer @ Bottom			
				2.30 - 3.70 Dark Brown, Medium SAND with Some Gravel and Organics, Trace Fines and Silt			
5							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-330**
TOTAL DEPTH (FT.): **5**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-330**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **8/2/2011**
DATE FINISHED: **8/2/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	60%			0.00 - 0.30 ASPHALT	0.0		
				0.30 - 0.60 CONCRETE			
				0.60 - 1.60 Brown, Medium SAND With Small Rounded Gravel			
				1.60 - 2.00 CONCRETE			
				2.00 - 2.30 Brown, Coarse SAND Many Small Gravels and Some Large Rounded Gravel			
				2.30 - 3.00 Dark Brown, SILT With Medium Gravel			
5							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-331**
TOTAL DEPTH (FT.): **5**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-331**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **8/2/2011**
DATE FINISHED: **8/2/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	72%			0.00 - 0.20 ASPHALT			
				0.20 - 1.00 CONCRETE			
				1.00 - 2.00 Brown, Medium to Coarse SAND and GRAVEL, Some Fines, Large Rock Fragments, Wood	9.2		
				2.00 - 2.60 CONCRETE			
				2.60 - 3.60 Black, Medium to Coarse SAND With 2" Layer of Clay, Moist/Odor	76.8		
5							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-332**
TOTAL DEPTH (FT.): **5**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-332**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **8/2/2011**
DATE FINISHED: **8/2/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	80%			0.00 - 0.30 ASPHALT			
				0.30 - 1.50 Brown, Coarse SAND, Many Medium to Large Gravel	149.9		
				1.50 - 2.20 Dark Borwn, Coarse SAND, Many Small Gravels			
				2.20 - 2.60 Grey, Very Fine SAND and Silt, Vegitation Present (WOOD Fragments)			
				2.60 - 4.00 Homogeneous Dark Grey, SAND	642.4		
5							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-333**
TOTAL DEPTH (FT.): **5**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-333**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **8/1/2011**
DATE FINISHED: **8/1/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	78%			0.00 - 0.20 ASPHALT	0.0		
				0.20 - 0.90 Dark Brown/Black, Medium SAND With Gravel			
				0.90 - 1.80 Brown, Medium SAND & GRAVEL, Some Fines			
				1.80 - 2.10 Black, Medium to Coarse SAND With Some Small Gravel			
				2.10 - 3.00 Light Brown, Medium SAND & GRAVEL, Wood			
				3.00 - 3.30 Black, Medium to Coarse SAND With Some Small Gravel			
				3.30 - 3.90 Black, CLAY & Silt Fine SAND			
5							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs and VPH

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-334**
TOTAL DEPTH (FT.): **5**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-334**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **8/1/2011**
DATE FINISHED: **8/1/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	60%			0.00 - 3.00 Asphalt Blackish, Fine to Medium SAND With Some Gravel, Trace Silt & Clay / Rock Fragments	0.0		
5							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

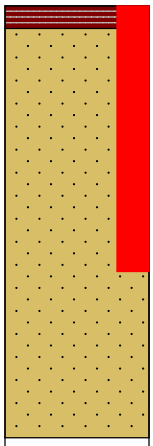
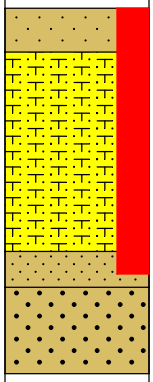
LOCATION ID.: **B-334R Disposal**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-334R Disposal**
LOGGED BY: **Craig Paradis**
DATE STARTED: **5/10/12**
DATE FINISHED: **5/10/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	65%		0.0 - 0.2 Black asphalt 0.2 - 3.3 Brown to black fine to coarse sand with gravel and some silt	5.6		
5	55%		5.0 - 5.3 Brown medium to coarse sand 5.3 - 6.8 Saturated dark gray silty sand with gravel 6.8 - 7.1 Yellowish brown fine to medium sand 7.1 - 7.8 Brown to gray coarse sand with gravel	3.6		
10						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Composite sample from 0-2 and 5-7 ft BG submitted for disposal parameters.

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DRILLING LOG

LOCATION ID.: **B-401**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-401**
LOGGED BY: **Craig Paradis**
DATE STARTED: **5/11/12**
DATE FINISHED: **5/11/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	41.7%		0.0 - 0.3 Drak brown silty sand			
			0.3 - 2.1 Grayish brown fine to medium sand with some coarse sand	0.5 2.9		
				0.5		
5	65%		5.0 - 8.3 Yellowish brown fine to coarse sand with gravel, rock fragments and trace silt	1.5		
10						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from 0-2 ft below grade submitted for PCB and RCRA 5 analysis.
Sample collected at 1.5 ft below grade submitted for VPH analysis.

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DRILLING LOG

LOCATION ID.: **B-402**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-402**
LOGGED BY: **Craig Paradis**
DATE STARTED: **5/11/12**
DATE FINISHED: **5/11/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	30%		0.0 - 0.3 Gray fine to medium sand with some coarse sand and gravel, trace silt			
			0.3 - 0.8 Concrete			
			0.8 - 1.3 Dark brown to black fine to medium sand with some coarse sand, gravel and silt	0.1		
			1.3 - 1.5 Yellowish brown fine to coarse sand with gravel and trace silt			
5	60%		5.0 - 5.3 Brown fine sand with silt			
			5.3 - 6.2 Yellowish brown fine sand with trace silt	0.0		
			6.2 - 8.0 Brown to yellowish brown fine to coarse sand with gravel and trace silt	0.0		
10						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from 5-7 ft below grade submitted for PCB analysis.
Sample collected from 1.5 ft below grade submitted for VPH analysis.

Resource Controls
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DRILLING LOG

LOCATION ID.: **B-403**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 1st Street, Taunton, MA**
LOGGED BY: **Dan Boynes**
DATE STARTED: **5/11/12**
DATE FINISHED: **5/11/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	56%		0.0 - 0.6 Concrete			
			0.6 - 1.3 Brown to black coarse sand with rock fragments			
			1.3 - 2.0 Brown medium to coarse sand with some silt and gravel	19.1		
			2.0 - 2.8 Concrete			
5	30%		5.0 - 5.2 Brown coarse sand with trace silt and rock fragments	150		
			5.2 - 6.5 Concrete			
10						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from 0-2ft below grade submitted for PCB and RCRA 5 analysis.
Sample collected from 5.2ft below grade submitted for VPH analysis.

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DRILLING LOG

LOCATION ID.: **B-404**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 1st Street, Taunton, MA**
LOGGED BY: **Dan Boynes**
DATE STARTED: **5/11/12**
DATE FINISHED: **5/11/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	52%		0.0 - 0.7 Dark brown topsoil, very silty			
			0.7 - 0.9 wood/tree root			
			0.9 - 1.2 Concrete			
			1.2 - 2.6 Brown medium to coarse sand with some gravel and trace silt	1.7		
5	56%		5.0 - 6.2 Brown medium to coarse sand with some gravel and trace silt			
			6.2 - 6.9 Brown to dark brown very fine silty sand with some clay	0.7		
			6.9 - 7.8 Brown medium to coarse sand with some gravel and trace silt	2.4		
10						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from approximately 7.6 ft below grade submitted for VPH analysis.
Sample collected from approximately 5-7 ft below grade submitted for PCB analysis.

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DRILLING LOG

LOCATION ID.: **B-405**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-405**
LOGGED BY: **Craig Paradis**
DATE STARTED: **5/11/12**
DATE FINISHED: **5/11/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	60%		0.0 - 0.1 Black asphalt			
			0.1 - 2.8 Brown fine to coarse sand with gravel and some silt	3.7		
				49.7		
			2.8 - 3.0 Concrete			
5			5.0 - 6.5 Brown fine to coarse sand with gravel			
				53		
	30%					
10						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from 0-2ft below grade submitted for PCB and RCRA 5 analysis.
Sample collected from 5.75ft below grade submitted for VPH analysis.

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DRILLING LOG

LOCATION ID.: **B-406**
TOTAL DEPTH (FT.): **15**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 1st Street, Taunton, MA**
LOGGED BY: **Dan Boynes**
DATE STARTED: **5/11/12**
DATE FINISHED: **5/11/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	23%		0.0 - 0.6 Light brown medium to coarse sand with some silt, gravel and rock fragments	1.2		
			0.6 - 1.2 Dark brown fine to medium silty sand			
5	21.7%		5.0 - 6.1 Dark brown medium to coarse sand with some silt and gravel	2.4		
10	66.7%		10.0 - 13.3 Light brown well sorted medium to coarse sand with trace gravel	0.1		
15						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from approximately 6 ft below grade submitted for VPH analysis.

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DRILLING LOG

LOCATION ID.: **B-407**
TOTAL DEPTH (FT.): **11.5**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-407**
LOGGED BY: **Craig Paradis**
DATE STARTED: **5/10/12**
DATE FINISHED: **5/10/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	45%		0.0 - 0.5 Concrete			
			0.5 - 1.2 Brown fine to coarse sand with silt, gravel and rock fragments			
			1.2 - 1.5 Dark brown peat	0.0		
			2.0 - 2.3 Yellowish brown fine to coarse sand with gravel and trace silt			
5	53.3%		5.0 - 5.5 Concrete			
			5.5 - 7.2 Brown to grayish brown fine to coarse sand with gravel and trace silt	0.2		
			7.2 - 7.7 Brown silty sand with gravel	110		
10	100%		10.0 - 10.8 Brown coarse sand and gravel with trace silt			
			10.8 - 11.5 Brown fine to medium sand	18.7		

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from 5-7 ft below grade submitted for PCB analysis.
Sampled collected at 7 ft below grade submitted for VPH analysis.

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DRILLING LOG

LOCATION ID.: **B-408**
TOTAL DEPTH (FT.): **15**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-408**
LOGGED BY: **Craig Paradis**
DATE STARTED: **5/10/12**
DATE FINISHED: **5/10/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	43.3%		0.0 - 0.5 Concrete			
			0.5 - 2.2 Brown to yellowish brown fine to coarse sand with gravel and trace silt and red brick	0.0		
5	60%		5.0 - 8.0 Brown to gray fine to coarse sand with gravel and trace silt	243 602		
10	46.7%		10.0 - 11.7 Saturated gray fine to coarse sand with gravel	336		
			11.7 - 13.4 Saturated gray coarse sand and gravel			
15						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from 0.5-2 ft below grade submitted for PCB analysis.
Sample collected at 7.6 ft below grade submitted for VPH analysis.

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DRILLING LOG

LOCATION ID.: **B-409**
TOTAL DEPTH (FT.): **12**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-409**
LOGGED BY: **Craig Paradis**
DATE STARTED: **5/10/12**
DATE FINISHED: **5/10/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	60%		0.0 - 0.5 Concrete			
			0.5 - 3.0 Yellowish brown fine to coarse sand with gravel and trace silt	0.0		
5	73.3%		5.0 - 5.8 Brown fine to coarse sand with gravel and trace silt			
			5.8 - 8.7 Gray to yellowish brown fine to medium sand with trace silt	115		
10	100%		10.0 - 12.0 Saturated gray fine to coarse sand with some gravel and trace silt			

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES:
Sample collected at 7.7 ft below grade submitted for VPH analysis.

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DRILLING LOG

LOCATION ID.: **B-410**
TOTAL DEPTH (FT.): **15**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-410**
LOGGED BY: **Craig Paradis**
DATE STARTED: **5/10/12**
DATE FINISHED: **5/10/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	46.7%		0.0 - 0.5 Concrete			
			0.5 - 2.2 Dark brown silty fine to coarse sand with gravel	702		
			2.2 - 2.3 Black asphalt			
5	66.7%		5.0 - 8.3 Grayish brown to gray fine to coarse sand with gravel	835 1013		
10	81.7%		10.0 - 10.2 Gray coarse sand with gravel			
			10.2 - 13.7 Grayish brown fine to coarse sand with some gravel and trace silt			
15			13.7 - 14.1 Gray fine to medium sand with trace silt			

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from 0.5-2 ft below grade submitted for PCB and RCRA 5 analysis.
Sample collected at 7.5 ft below grade submitted for VPH analysis.

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DRILLING LOG

LOCATION ID.: **B-411**
TOTAL DEPTH (FT.): **15**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-411**
LOGGED BY: **Craig Paradis**
DATE STARTED: **5/10/12**
DATE FINISHED: **5/10/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	65%		0.0 - 0.5 Concrete			
			0.5 - 2.5 Dark brown silty fine to coarse sand with gravel	139		
			2.5 - 2.8 Black asphalt			
5	30%		5.0 - 6.5 Moist to saturated brown to gray fine to coarse sand with some silt and gravel	1186		
10	0%		10.0 - 15.0 No recovery			
15						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from 0.5-2 ft below grade submitted for PCB analysis.
Sample collected at 6 ft below grade submitted for VPH analysis.

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DRILLING LOG

LOCATION ID.: **B-412**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 1st Street, Taunton, MA**
LOGGED BY: **Dan Boynes**
DATE STARTED: **5/10/12**
DATE FINISHED: **5/10/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	53.3%		0.0 - 0.5 Concrete			
			0.5 - 0.8 Dark brown silty sand			
			0.8 - 2.7 Light brown medium sand with rock fragments and some silt	325		
5	46.7%		5.0 - 5.7 Brownish gray very fine silty sand	224		
			5.7 - 6.8 Gray medium to coarse sand with some gravel	852		
			6.8 - 7.3 Rock fragments			
10						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from approximately 6.5 ft below grade submitted for VPH analysis.
Sample collected from approximately 5-7 ft below grade submitted for PCB analysis.

Resource Controls
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DRILLING LOG

LOCATION ID.: **B-413**
TOTAL DEPTH (FT.): **15**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-413**
LOGGED BY: **Craig Paradis**
DATE STARTED: **5/10/12**
DATE FINISHED: **5/10/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	41.7%		0.0 - 0.5 Concrete			
			0.5 - 2.1 Moist dark brown fine to coarse sand with gravel and some silt	311		
5	58.3%		5.0 - 6.0 Gray fine to medium sand with some gravel	1015		
			6.0 - 6.4 Dark brown peat			
			6.4 - 7.9 Gray fine to coarse sand with some gravel and trace silt	10.6		
10	66.7%		10.0 - 13.3 Gray to black fine to coarse sand with gravel and some silt	310		
15						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from 5-7 ft below grade submitted for PCB analysis.
Sampled collected at 5.5 ft below grade submitted for VPH analysis.

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DRILLING LOG

LOCATION ID.: **B-414**
TOTAL DEPTH (FT.): **15**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-414**
LOGGED BY: **Craig Paradis**
DATE STARTED: **5/10/12**
DATE FINISHED: **5/10/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	60%		0.0 - 0.7 Concrete			
			0.7 - 1.9 Yellowish brown to black fine to coarse sand with gravel and some silt	521		
			1.9 - 2.4 Gray clay			
			2.4 - 3.0 Grayish brown medium sand with gravel			
5	30%		5.0 - 6.5 Gray coarse sand with gravel and some silt	784		
10	80%		10.0 - 10.8 Saturated coarse sand with gravel and some silt	893		
			10.8 - 11.3 Wet gray medium sand			
			11.3 - 11.7 Brown silt			
			11.7 - 14.0 Gray to olive brown fine to medium sand	8.6		
15						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from 0.5-2 ft BG submitted for PCB analysis and from 5-6.5 ft BG for RCRA 5 anlysis.
Sample collected at 5.5 ft below grade submitted for VPH analysis.

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DRILLING LOG

LOCATION ID.: **B-415**
TOTAL DEPTH (FT.): **15**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-415**
LOGGED BY: **Dan Boynes**
DATE STARTED: **5/11/12**
DATE FINISHED: **5/11/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	60%		0.0 - 0.3 Concrete			
			0.3 - 1.3 Light brown fine silty sand			
			1.3 - 1.4 Black silty sand	0.4		
			1.4 - 1.8 Dark brown medium to coarse sand with some gravel and trace silt			
			1.8 - 3.0 Concrete			
5	70%		5.0 - 5.7 Brownish gray very coarse sand with gravel and trace silt			
			5.7 - 6.4 Gray very fine silty sand	703		
			6.4 - 6.9 Gray coarse sand, gravel and rock fragments			
			6.9 - 8.5 Darlk brown to black very fine silty sand with some clay	8.2		
10	34%		10.0 - 11.4 Dark brown to black very fine silty sand with some clay	113		
			11.4 - 11.7 Dark brown very fine silty sand and clay	4.4		
15						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from approximately 5.9 ft below grade submitted for VPH analysis.
Sample collected from approximately 5-7 ft below grade submitted for PCB analysis.

Resource Controls
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DRILLING LOG

LOCATION ID.: **B-416**
TOTAL DEPTH (FT.): **8**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-416**
LOGGED BY: **Craig Paradis**
DATE STARTED: **5/11/12**
DATE FINISHED: **5/11/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	51.7%		0.0 - 0.2 Brown fine sand and silt			
			0.2 - 0.4 Black aphalt	0.0		
			0.4 - 1.9 Yellowish brown fine to coarse sand with gravel and some silt			
			1.9 - 2.6 Dark brown to black fine to medium sand with silt and some trace coarse sand	6.9		
5	33.4%		5.0 - 5.5 Yellowish brown fine to coarse sand with gravel and trace silt			
			5.5 - 6.0 Brown to orange brown fine sand and silt			
				0.7		

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from 0-2 ft below grade submitted for PCB analysis.
Sample collected at 2 ft below grade submitted for VPH analysis. Refusal at 8 ft BG.

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DRILLING LOG

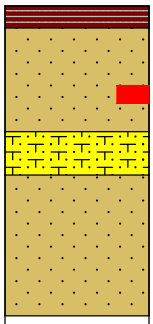
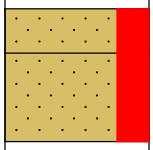
LOCATION ID.: **B-417**
TOTAL DEPTH (FT.): **15**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-417**
LOGGED BY: **Craig Paradis**
DATE STARTED: **5/10/12**
DATE FINISHED: **5/10/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	30%		0.0 - 0.3 Black asphalt 0.3 - 1.4 Brown fine to coarse sand with gravel and some silt 1.4 - 1.9 Dark brown silty fine to coarse sand 1.9 - 3.5 Dark brown to yellowish brown fine to coarse sand with silt and gravel	230		
5	70%		5.0 - 5.5 Moist brown fine to coarse sand with silt and gravel 5.5 - 6.5 Brown to gray fine to coarse sand with gravel and trace silt	0.8		
10	0%		10.0 - 15.0 No Recovery			
15						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from 5-6.5 ft below grade submitted for PCB and RCRA 5 analysis.
Sampled collected at 1 ft below grade submitted for VPH analysis.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

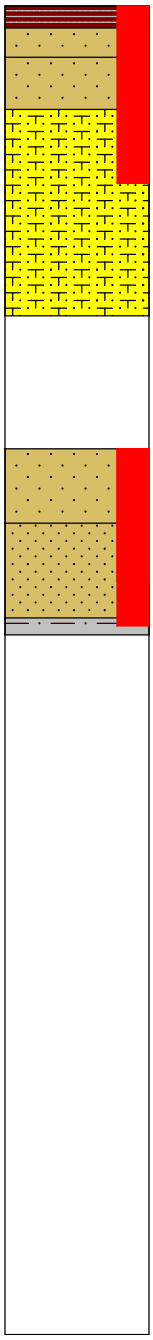
LOCATION ID.: **B-418**
TOTAL DEPTH (FT.): **15**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-418**
LOGGED BY: **Craig Paradis**
DATE STARTED: **5/11/12**
DATE FINISHED: **5/11/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	70%		0.0 - 0.3 Black asphalt			
			0.3 - 0.6 Brown fine to coarse sand with silt and gravel	7.5		
			0.6 - 1.2 Yellowish brown fine to coarse sand with gravel and some silt			
			1.2 - 3.5 Dark brown silty sand with gravel	4.1		
5	41.7%		5.0 - 5.8 Saturated dark grayish brown fine to coarse sand with gravel	158		
			5.8 - 6.9 Saturated fine to medium sand with trace coarse sand and silt	28.7		
			6.9 - 7.1 Black silt with woody debris.			
10	0%					
15						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from 0-2 ft BG submitted for RCRA 5 analysis and from 5-7 ft BG sumitted for PCB analysis.
Sample collected at 5.5 ft below grade submitted for VPH analysis.

Resource Controls
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DRILLING LOG

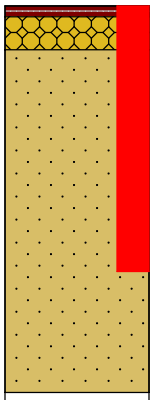
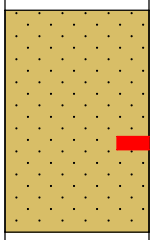
LOCATION ID.: **B-419**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-419**
LOGGED BY: **Craig Paradis**
DATE STARTED: **5/10/12**
DATE FINISHED: **5/10/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe** **6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	58.4%		0.0 - 0.1 Black asphalt 0.1 - 0.3 Gray gravel with fine to coarse sand with trace silt 0.3 - 2.9 Yellowish brown to grayish brown fine to coarse sand with gravel and trace silt	1025		
5	33.3%		5.0 - 6.7 Saturated black fine to coarse sand with gravel	1089		
10						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from 0.5-2 ft below grade submitted for PCB analysis.
Sample collected at 6 ft below grade submitted for VPH analysis.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-420**
TOTAL DEPTH (FT.): **15**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-420**
LOGGED BY: **Craig Paradis**
DATE STARTED: **5/11/12**
DATE FINISHED: **5/11/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	53.3%		0.0 - 0.2 Black asphalt			
			0.2 - 0.4 Gravel	0.1		
			0.4 - 1.0 Brown fine sand with some cobbles and silt			
			1.0 - 1.8 Dark brown silty sand with gravel	1.0		
			1.8 - 2.0 Concrete			
			2.0 - 2.7 Brown fine to coarse sand with gravel and some silt			
5			5.0 - 6.0 Brown to gray fine to coarse sand with some gravel	795		
			6.0 - 6.7 Gray clay with trace gravel	6.9		
	33.3%					
10	0%		10.0 - 15.0 No Recovery			
15						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from 5-6.5 ft below grade submitted for PCB analysis.
Sample collected at 5.5 ft below grade submitted for VPH analysis.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-421**
TOTAL DEPTH (FT.): **15**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 1st Street, Taunton, MA**
LOGGED BY: **Dan Boynes**
DATE STARTED: **5/11/12**
DATE FINISHED: **5/11/12**

DRILLING INFORMATION

DRILLING CO.: **Alt Subsurface Explorations**
DRILLER: **Brian Piccolo**
RIG TYPE: **Geoprobe 6600**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	44%		0.0 - 0.8 Concrete			
			0.8 - 1.2 Black medium to coarse sand with some gravel and trace silt	3503		
			1.2 - 1.3 Concrete			
			1.3 - 2.2 Brownish gray medium to coarse sand with some gravel			
5	38%		5.0 - 6.9 Brown to gray medium to coarse sandy gravel	1499 4652		
10	40%		10.0 - 12.0 Brown to gray medium to coarse sandy gravel	37.5		
15						

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample collected from approximately 6.8 ft below grade submitted for VPH analysis.

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **B-TP7**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	54%			0.00 - 0.20 Concrete 0.20 - 2.70 Fine to Medium, SAND and Gravel with some Clay	611.5		
5	60%			5.00 - 8.00 Same as above, saturated, Peat at bottom			
10							

Apparent water level during drilling Laboratory analytical sample

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **GW-02R**
TOTAL DEPTH (FT.): **10**

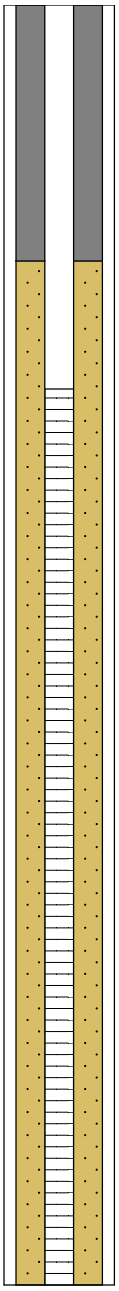
PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **GW-02R**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **8/1/2011**
DATE FINISHED: **8/1/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	62%			0.00 - 1.00 ASPHALT over CONCRETE			
				1.00 - 2.50 Brown, M-C SAND with Gravel, Dry Orangish near bottom	0.6		Bentonite PVC Riser
				2.50 - 3.10 Dark Black, Fine SAND with Some Silt, Trace Gravel, Moist			
5	70%			5.00 - 7.00 Black, M SAND, Wet			Sand
				7.00 - 7.60 Black CLAY with Some Fines, Wet	0.0		Screen
				7.60 - 8.50 Dark Black M SAND with Some Gravel, Trace Silt and Clay, Wet			
10							



▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **MW-207**
TOTAL DEPTH (FT.): **10**

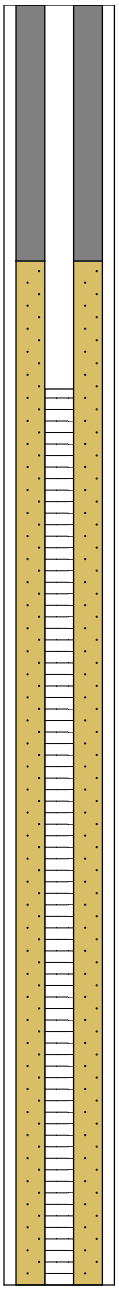
PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **B-232**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **8/1/2011**
DATE FINISHED: **8/1/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	60%			0.00 - 0.50 Concrete			
				0.50 - 1.50 Light Brown, Coarse SAND, Small Gravel, Dry			Bentonite
				1.50 - 1.90 Gray, Coarse SAND, Some Large Gravel	1375		PVC Riser
				1.90 - 2.40 Dark Brown, Coarse SAND, Slag, Trace Silt			
				2.40 - 3.00 Light Brown/Gray, SAND with Small Gravel, Rounded			
5	24%			5.00 - 5.80 Dark Gray, Very Fine SAND with Large Gravel, Saturated			Sand
				5.80 - 6.20 Gray, Medium SAND, Tight, Homogeneous, Wet	731.6		Screen
10							



▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES: Sample for PCBs

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **MW-336**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **MW-336**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **8/2/2011**
DATE FINISHED: **8/2/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Steve Perry**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	80%			0.00 - 0.30 ASPHALT			
				0.30 - 1.00 Brown, Coarse SAND, Meium Gravels			Bentonite
				1.00 - 2.50 Dark Brown, Coarse SAND, Some Small Rounded Gravel, Moist			PVC Riser
				2.50 - 3.40 Dark Brown/Gray, Coarse SAND, Small Rounded Gravels	1.2		
				3.40 - 4.00 Brown, Medium SAND with Small Gravel, slight odor			
5	54%			5.00 - 5.70 Brown, Medium SAND with Small Gravel, Rounded			Sand
				5.70 - 6.30 Gray, Very Coarse SAND, Small Gravels Rounded, Slight Scheen Wet	1097		
				6.30 - 7.70 Gray, Coarse SAND, Small to Medium Gravels, Rounded, Saturated			Screen
10							

▼ **Apparent water level during drilling** ■ **Laboratory analytical sample**

NOTES:

Resource Controls
Proven Environmental & Engineering Solutions

DRILLING LOG

LOCATION ID.: **SB-03R**
TOTAL DEPTH (FT.): **10**

PROJECT INFORMATION

PROJECT: **Nu Brite**
PROJECT NO.: **A6878**
LOCATION: **10 First St, Taunton, MA**
LOGGED BY: **Danielle Eastman**
DATE STARTED: **4/5/2011**
DATE FINISHED: **4/5/2011**

DRILLING INFORMATION

DRILLING CO.: **New England Geotech**
DRILLER: **Keith**
RIG TYPE: **Geoprobe**
METHOD OF DRILLING: **Direct-push**
SAMPLING METHOD: **5-ft Macro-Core**

Depth (ft.)	Rec.	Blows	Graphic Log	Soil Description	PID (ppmV)	Well Const.	Description of Well Materials
0	74%			0.00 - 0.10 Asphalt 0.10 - 3.80 Black/dark Brown, Fine to Medium SAND and Gravel with some clay	1.1		
5	40%			5.00 - 7.00 Same as above, saturated			
10							

Apparent water level during drilling **Laboratory analytical sample**

NOTES: Sample for PCBs

APPENDIX C

Laboratory Analytical Reports

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

May 22, 2012

Danielle Eastman
Resource Control Associates - RI
474 Broadway
Pawtucket, RI 02860

Project Location: NuBrite-10 1st Street, Taunton, MA
Client Job Number:
Project Number: A6878-108
Laboratory Work Order Number: 12E0600

Enclosed are results of analyses for samples received by the laboratory on May 15, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Resource Control Associates - RI
474 Broadway
Pawtucket, RI 02860
ATTN: Danielle Eastman

REPORT DATE: 5/22/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: A6878-108

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12E0600

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: NuBrite-10 1st Street, Taunton, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B-401 (0-2)	12E0600-01	Soil	Boring	SM 2540G	
				SW-846 8082A	
B-402 (5-7)	12E0600-02	Soil	Boring	SM 2540G	
				SW-846 8082A	
B-403 (0-2)	12E0600-03	Soil	Boring	SM 2540G	
				SW-846 8082A	
B-404 (5-7)	12E0600-04	Soil	Boring	SM 2540G	
				SW-846 8082A	
B-405 (0-2)	12E0600-05	Soil	Boring	SM 2540G	
				SW-846 8082A	
B-407 (5-7)	12E0600-06	Soil	Boring	SM 2540G	
				SW-846 8082A	
B-408 (0.5-2)	12E0600-07	Soil	Boring	SM 2540G	
				SW-846 8082A	
B-410 (0.5-2)	12E0600-08	Soil	Boring	SM 2540G	
				SW-846 8082A	
B-411 (0.5-2)	12E0600-09	Soil	Boring	SM 2540G	
				SW-846 8082A	
B-412 (5-7)	12E0600-10	Soil	Boring	SM 2540G	
				SW-846 8082A	
B-413 (5-7)	12E0600-11	Soil	Boring	SM 2540G	
				SW-846 8082A	
B-414 (0.5-2)	12E0600-12	Soil	Boring	SM 2540G	
				SW-846 8082A	
B-415 (5-7)	12E0600-13	Soil	Boring	SM 2540G	
				SW-846 8082A	
B-416 (0-2)	12E0600-14	Soil	Boring	SM 2540G	
				SW-846 8082A	
B-417 (5-6.5)	12E0600-15	Soil	Boring	SM 2540G	
				SW-846 8082A	
B-418 (5-7)	12E0600-16	Soil	Boring	SM 2540G	
				SW-846 8082A	
B-419 (0.5-2)	12E0600-17	Soil	Boring	SM 2540G	
				SW-846 8082A	
B-20 (5-6.5)	12E0600-18	Soil	Boring	SM 2540G	
				SW-846 8082A	
DUP-2	12E0600-19	Soil	Boring	SM 2540G	
				SW-846 8082A	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

Elevated reporting limit due to high concentration of an interfering analyte(s).

Analyte & Samples(s) Qualified:

12E0600-06[B-407 (5-7)], 12E0600-07[B-408 (0.5-2)], 12E0600-08[B-410 (0.5-2)], 12E0600-09[B-411 (0.5-2)], 12E0600-10[B-412 (5-7)], 12E0600-11[B-413 (5-7)], 12E0600-12[B-414 (0.5-2)], 12E0600-13[B-415 (5-7)], 12E0600-14[B-416 (0-2)], 12E0600-16[B-418 (5-7)], 12E0600-17[B-419 (0.5-2)], 12E0600-18[B-20 (5-6.5)], 12E0600-19[DUP-2]

A five times dilution was perfomed as part of the standard analytical procedure.

Analyte & Samples(s) Qualified:

12E0600-01[B-401 (0-2)], 12E0600-02[B-402 (5-7)], 12E0600-03RE1[B-403 (0-2)], 12E0600-04[B-404 (5-7)], 12E0600-05[B-405 (0-2)], 12E0600-15[B-417 (5-6.5)], B051664-BLK1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-401 (0-2) Sampled: 5/11/2012 09:05

Sample ID: 12E0600-01

Sample Matrix: Soil

Sample Flags: O-32

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 18:48	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 18:48	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 18:48	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 18:48	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 18:48	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 18:48	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 18:48	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 18:48	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 18:48	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	105	30-150		5/17/12 18:48
Decachlorobiphenyl [2]	108	30-150		5/17/12 18:48
Tetrachloro-m-xylene [1]	108	30-150		5/17/12 18:48
Tetrachloro-m-xylene [2]	115	30-150		5/17/12 18:48

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-401 (0-2) Sampled: 5/11/2012 09:05

Sample ID: 12E0600-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.2		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-402 (5-7) Sampled: 5/11/2012 09:55

Sample ID: 12E0600-02

Sample Matrix: Soil

Sample Flags: O-32

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:01	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:01	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:01	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:01	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:01	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:01	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:01	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:01	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:01	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	95.7	30-150		5/17/12 19:01
Decachlorobiphenyl [2]	97.8	30-150		5/17/12 19:01
Tetrachloro-m-xylene [1]	98.9	30-150		5/17/12 19:01
Tetrachloro-m-xylene [2]	104	30-150		5/17/12 19:01

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-402 (5-7) Sampled: 5/11/2012 09:55

Sample ID: 12E0600-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.8		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-403 (0-2) Sampled: 5/11/2012 09:17

Sample ID: 12E0600-03

Sample Matrix: Soil

Sample Flags: O-32

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/18/12	5/21/12 20:50	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/18/12	5/21/12 20:50	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/18/12	5/21/12 20:50	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/18/12	5/21/12 20:50	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/18/12	5/21/12 20:50	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/18/12	5/21/12 20:50	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/18/12	5/21/12 20:50	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/18/12	5/21/12 20:50	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/18/12	5/21/12 20:50	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	89.6	30-150		5/21/12 20:50
Decachlorobiphenyl [2]	91.5	30-150		5/21/12 20:50
Tetrachloro-m-xylene [1]	97.3	30-150		5/21/12 20:50
Tetrachloro-m-xylene [2]	110	30-150		5/21/12 20:50

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-403 (0-2) Sampled: 5/11/2012 09:17

Sample ID: 12E0600-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.1		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-404 (5-7) Sampled: 5/11/2012 09:57

Sample ID: 12E0600-04

Sample Matrix: Soil

Sample Flags: O-32

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:27	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:27	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:27	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:27	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:27	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:27	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:27	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:27	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:27	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	102	30-150		5/17/12 19:27
Decachlorobiphenyl [2]	104	30-150		5/17/12 19:27
Tetrachloro-m-xylene [1]	103	30-150		5/17/12 19:27
Tetrachloro-m-xylene [2]	108	30-150		5/17/12 19:27

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-404 (5-7) Sampled: 5/11/2012 09:57

Sample ID: 12E0600-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.3		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-405 (0-2) Sampled: 5/11/2012 08:05

Sample ID: 12E0600-05

Sample Matrix: Soil

Sample Flags: O-32

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:40	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:40	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:40	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:40	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:40	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:40	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:40	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:40	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 19:40	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	99.7	30-150		5/17/12 19:40
Decachlorobiphenyl [2]	103	30-150		5/17/12 19:40
Tetrachloro-m-xylene [1]	101	30-150		5/17/12 19:40
Tetrachloro-m-xylene [2]	107	30-150		5/17/12 19:40

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-405 (0-2) Sampled: 5/11/2012 08:05

Sample ID: 12E0600-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.5		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-407 (5-7) Sampled: 5/11/2012 15:20

Sample ID: 12E0600-06

Sample Matrix: Soil

Sample Flags: DL-04

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:14	MJC
Aroclor-1221 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:14	MJC
Aroclor-1232 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:14	MJC
Aroclor-1242 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:14	MJC
Aroclor-1248 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:14	MJC
Aroclor-1254 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:14	MJC
Aroclor-1260 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:14	MJC
Aroclor-1262 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:14	MJC
Aroclor-1268 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:14	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	126	30-150		5/18/12 17:14
Decachlorobiphenyl [2]	112	30-150		5/18/12 17:14
Tetrachloro-m-xylene [1]	112	30-150		5/18/12 17:14
Tetrachloro-m-xylene [2]	105	30-150		5/18/12 17:14

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-407 (5-7) Sampled: 5/11/2012 15:20

Sample ID: 12E0600-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.8		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-408 (0.5-2) Sampled: 5/11/2012 10:40

Sample ID: 12E0600-07

Sample Matrix: Soil

Sample Flags: DL-04

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:27	MJC
Aroclor-1221 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:27	MJC
Aroclor-1232 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:27	MJC
Aroclor-1242 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:27	MJC
Aroclor-1248 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:27	MJC
Aroclor-1254 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:27	MJC
Aroclor-1260 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:27	MJC
Aroclor-1262 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:27	MJC
Aroclor-1268 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:27	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	110	30-150		5/18/12 17:27
Decachlorobiphenyl [2]	112	30-150		5/18/12 17:27
Tetrachloro-m-xylene [1]	101	30-150		5/18/12 17:27
Tetrachloro-m-xylene [2]	108	30-150		5/18/12 17:27

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-408 (0.5-2) Sampled: 5/11/2012 10:40

Sample ID: 12E0600-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.3		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-410 (0.5-2) Sampled: 5/11/2012 12:40

Sample ID: 12E0600-08

Sample Matrix: Soil

Sample Flags: DL-04

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:40	MJC
Aroclor-1221 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:40	MJC
Aroclor-1232 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:40	MJC
Aroclor-1242 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:40	MJC
Aroclor-1248 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:40	MJC
Aroclor-1254 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:40	MJC
Aroclor-1260 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:40	MJC
Aroclor-1262 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:40	MJC
Aroclor-1268 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:40	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	129	30-150		5/18/12 17:40
Decachlorobiphenyl [2]	123	30-150		5/18/12 17:40
Tetrachloro-m-xylene [1]	94.6	30-150		5/18/12 17:40
Tetrachloro-m-xylene [2]	99.8	30-150		5/18/12 17:40

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-410 (0.5-2) Sampled: 5/11/2012 12:40

Sample ID: 12E0600-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.6		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-411 (0.5-2) Sampled: 5/11/2012 11:45

Sample ID: 12E0600-09

Sample Matrix: Soil

Sample Flags: DL-04

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:53	MJC
Aroclor-1221 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:53	MJC
Aroclor-1232 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:53	MJC
Aroclor-1242 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:53	MJC
Aroclor-1248 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:53	MJC
Aroclor-1254 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:53	MJC
Aroclor-1260 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:53	MJC
Aroclor-1262 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:53	MJC
Aroclor-1268 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 17:53	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	124	30-150		5/18/12 17:53
Decachlorobiphenyl [2]	150	30-150		5/18/12 17:53
Tetrachloro-m-xylene [1]	105	30-150		5/18/12 17:53
Tetrachloro-m-xylene [2]	114	30-150		5/18/12 17:53

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-411 (0.5-2) Sampled: 5/11/2012 11:45

Sample ID: 12E0600-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.8		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-412 (5-7) Sampled: 5/11/2012 12:30

Sample ID: 12E0600-10

Sample Matrix: Soil

Sample Flags: DL-04

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:05	MJC
Aroclor-1221 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:05	MJC
Aroclor-1232 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:05	MJC
Aroclor-1242 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:05	MJC
Aroclor-1248 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:05	MJC
Aroclor-1254 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:05	MJC
Aroclor-1260 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:05	MJC
Aroclor-1262 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:05	MJC
Aroclor-1268 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:05	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	108	30-150		5/18/12 18:05
Decachlorobiphenyl [2]	109	30-150		5/18/12 18:05
Tetrachloro-m-xylene [1]	104	30-150		5/18/12 18:05
Tetrachloro-m-xylene [2]	94.8	30-150		5/18/12 18:05

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-412 (5-7) Sampled: 5/11/2012 12:30

Sample ID: 12E0600-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.2		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-413 (5-7) Sampled: 5/11/2012 14:30

Sample ID: 12E0600-11

Sample Matrix: Soil

Sample Flags: DL-04

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:44	MJC
Aroclor-1221 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:44	MJC
Aroclor-1232 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:44	MJC
Aroclor-1242 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:44	MJC
Aroclor-1248 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:44	MJC
Aroclor-1254 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:44	MJC
Aroclor-1260 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:44	MJC
Aroclor-1262 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:44	MJC
Aroclor-1268 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:44	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	106	30-150		5/18/12 18:44
Decachlorobiphenyl [2]	114	30-150		5/18/12 18:44
Tetrachloro-m-xylene [1]	104	30-150		5/18/12 18:44
Tetrachloro-m-xylene [2]	104	30-150		5/18/12 18:44

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-413 (5-7) Sampled: 5/11/2012 14:30

Sample ID: 12E0600-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.3		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-414 (0.5-2) Sampled: 5/11/2012 13:20

Sample ID: 12E0600-12

Sample Matrix: Soil

Sample Flags: DL-04

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:57	MJC
Aroclor-1221 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:57	MJC
Aroclor-1232 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:57	MJC
Aroclor-1242 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:57	MJC
Aroclor-1248 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:57	MJC
Aroclor-1254 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:57	MJC
Aroclor-1260 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:57	MJC
Aroclor-1262 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:57	MJC
Aroclor-1268 [1]	ND	0.42	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 18:57	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	115	30-150		5/18/12 18:57
Decachlorobiphenyl [2]	122	30-150		5/18/12 18:57
Tetrachloro-m-xylene [1]	113	30-150		5/18/12 18:57
Tetrachloro-m-xylene [2]	105	30-150		5/18/12 18:57

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-414 (0.5-2) Sampled: 5/11/2012 13:20

Sample ID: 12E0600-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.8		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-415 (5-7) Sampled: 5/11/2012 10:45

Sample ID: 12E0600-13

Sample Matrix: Soil

Sample Flags: DL-04

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:10	MJC
Aroclor-1221 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:10	MJC
Aroclor-1232 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:10	MJC
Aroclor-1242 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:10	MJC
Aroclor-1248 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:10	MJC
Aroclor-1254 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:10	MJC
Aroclor-1260 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:10	MJC
Aroclor-1262 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:10	MJC
Aroclor-1268 [1]	ND	0.47	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:10	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	120	30-150		5/18/12 19:10
Decachlorobiphenyl [2]	122	30-150		5/18/12 19:10
Tetrachloro-m-xylene [1]	109	30-150		5/18/12 19:10
Tetrachloro-m-xylene [2]	116	30-150		5/18/12 19:10

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-415 (5-7) Sampled: 5/11/2012 10:45

Sample ID: 12E0600-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.2		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-416 (0-2) Sampled: 5/11/2012 10:10

Sample ID: 12E0600-14

Sample Matrix: Soil

Sample Flags: DL-04

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:23	MJC
Aroclor-1221 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:23	MJC
Aroclor-1232 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:23	MJC
Aroclor-1242 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:23	MJC
Aroclor-1248 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:23	MJC
Aroclor-1254 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:23	MJC
Aroclor-1260 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:23	MJC
Aroclor-1262 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:23	MJC
Aroclor-1268 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:23	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	113	30-150		5/18/12 19:23
Decachlorobiphenyl [2]	121	30-150		5/18/12 19:23
Tetrachloro-m-xylene [1]	112	30-150		5/18/12 19:23
Tetrachloro-m-xylene [2]	121	30-150		5/18/12 19:23

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-416 (0-2) Sampled: 5/11/2012 10:10

Sample ID: 12E0600-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.8		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-417 (5-6.5) Sampled: 5/11/2012 15:50

Sample ID: 12E0600-15

Sample Matrix: Soil

Sample Flags: O-32

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 22:15	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 22:15	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 22:15	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 22:15	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 22:15	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 22:15	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 22:15	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 22:15	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	5/16/12	5/17/12 22:15	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	100	30-150		5/17/12 22:15
Decachlorobiphenyl [2]	106	30-150		5/17/12 22:15
Tetrachloro-m-xylene [1]	103	30-150		5/17/12 22:15
Tetrachloro-m-xylene [2]	109	30-150		5/17/12 22:15

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-417 (5-6.5) Sampled: 5/11/2012 15:50

Sample ID: 12E0600-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.8		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-418 (5-7) Sampled: 5/11/2012 12:05

Sample ID: 12E0600-16

Sample Matrix: Soil

Sample Flags: DL-04

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:36	MJC
Aroclor-1221 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:36	MJC
Aroclor-1232 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:36	MJC
Aroclor-1242 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:36	MJC
Aroclor-1248 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:36	MJC
Aroclor-1254 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:36	MJC
Aroclor-1260 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:36	MJC
Aroclor-1262 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:36	MJC
Aroclor-1268 [1]	ND	0.49	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:36	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	103	30-150		5/18/12 19:36
Decachlorobiphenyl [2]	118	30-150		5/18/12 19:36
Tetrachloro-m-xylene [1]	98.3	30-150		5/18/12 19:36
Tetrachloro-m-xylene [2]	104	30-150		5/18/12 19:36

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-418 (5-7) Sampled: 5/11/2012 12:05

Sample ID: 12E0600-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.2		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-419 (0.5-2) Sampled: 5/11/2012 09:05

Sample ID: 12E0600-17

Sample Matrix: Soil

Sample Flags: DL-04

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:49	MJC
Aroclor-1221 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:49	MJC
Aroclor-1232 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:49	MJC
Aroclor-1242 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:49	MJC
Aroclor-1248 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:49	MJC
Aroclor-1254 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:49	MJC
Aroclor-1260 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:49	MJC
Aroclor-1262 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:49	MJC
Aroclor-1268 [1]	ND	0.43	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 19:49	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	121	30-150		5/18/12 19:49
Decachlorobiphenyl [2]	131	30-150		5/18/12 19:49
Tetrachloro-m-xylene [1]	105	30-150		5/18/12 19:49
Tetrachloro-m-xylene [2]	113	30-150		5/18/12 19:49

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-419 (0.5-2) Sampled: 5/11/2012 09:05

Sample ID: 12E0600-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.2		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-20 (5-6.5) Sampled: 5/11/2012 11:15

Sample ID: 12E0600-18

Sample Matrix: Soil

Sample Flags: DL-04

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:02	MJC
Aroclor-1221 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:02	MJC
Aroclor-1232 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:02	MJC
Aroclor-1242 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:02	MJC
Aroclor-1248 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:02	MJC
Aroclor-1254 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:02	MJC
Aroclor-1260 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:02	MJC
Aroclor-1262 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:02	MJC
Aroclor-1268 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:02	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	112	30-150		5/18/12 20:02
Decachlorobiphenyl [2]	114	30-150		5/18/12 20:02
Tetrachloro-m-xylene [1]	125	30-150		5/18/12 20:02
Tetrachloro-m-xylene [2]	112	30-150		5/18/12 20:02

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: B-20 (5-6.5) Sampled: 5/11/2012 11:15

Sample ID: 12E0600-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.7		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: DUP-2 Sampled: 5/11/2012 00:00

Sample ID: 12E0600-19

Sample Matrix: Soil

Sample Flags: DL-04

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:15	MJC
Aroclor-1221 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:15	MJC
Aroclor-1232 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:15	MJC
Aroclor-1242 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:15	MJC
Aroclor-1248 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:15	MJC
Aroclor-1254 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:15	MJC
Aroclor-1260 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:15	MJC
Aroclor-1262 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:15	MJC
Aroclor-1268 [1]	ND	0.45	mg/Kg dry	20		SW-846 8082A	5/16/12	5/18/12 20:15	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	129	30-150		5/18/12 20:15
Decachlorobiphenyl [2]	133	30-150		5/18/12 20:15
Tetrachloro-m-xylene [1]	106	30-150		5/18/12 20:15
Tetrachloro-m-xylene [2]	111	30-150		5/18/12 20:15

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0600

Date Received: 5/15/2012

Field Sample #: DUP-2 Sampled: 5/11/2012 00:00

Sample ID: 12E0600-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.3		% Wt	1		SM 2540G	5/21/12	5/22/12 17:32	FWD

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12E0600-01 [B-401 (0-2)]	B051977	05/21/12
12E0600-02 [B-402 (5-7)]	B051977	05/21/12
12E0600-03 [B-403 (0-2)]	B051977	05/21/12
12E0600-04 [B-404 (5-7)]	B051977	05/21/12
12E0600-05 [B-405 (0-2)]	B051977	05/21/12
12E0600-06 [B-407 (5-7)]	B051977	05/21/12
12E0600-07 [B-408 (0.5-2)]	B051977	05/21/12
12E0600-08 [B-410 (0.5-2)]	B051977	05/21/12
12E0600-09 [B-411 (0.5-2)]	B051977	05/21/12
12E0600-10 [B-412 (5-7)]	B051977	05/21/12
12E0600-11 [B-413 (5-7)]	B051977	05/21/12
12E0600-12 [B-414 (0.5-2)]	B051977	05/21/12
12E0600-13 [B-415 (5-7)]	B051977	05/21/12
12E0600-14 [B-416 (0-2)]	B051977	05/21/12
12E0600-15 [B-417 (5-6.5)]	B051977	05/21/12
12E0600-16 [B-418 (5-7)]	B051977	05/21/12
12E0600-17 [B-419 (0.5-2)]	B051977	05/21/12
12E0600-18 [B-20 (5-6.5)]	B051977	05/21/12
12E0600-19 [DUP-2]	B051977	05/21/12

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12E0600-01 [B-401 (0-2)]	B051664	10.0	10.0	05/16/12
12E0600-02 [B-402 (5-7)]	B051664	10.0	10.0	05/16/12
12E0600-04 [B-404 (5-7)]	B051664	10.2	10.0	05/16/12
12E0600-05 [B-405 (0-2)]	B051664	10.3	10.0	05/16/12
12E0600-06 [B-407 (5-7)]	B051664	10.0	10.0	05/16/12
12E0600-07 [B-408 (0.5-2)]	B051664	10.0	10.0	05/16/12
12E0600-08 [B-410 (0.5-2)]	B051664	10.3	10.0	05/16/12
12E0600-09 [B-411 (0.5-2)]	B051664	10.0	10.0	05/16/12
12E0600-10 [B-412 (5-7)]	B051664	10.2	10.0	05/16/12
12E0600-11 [B-413 (5-7)]	B051664	10.1	10.0	05/16/12
12E0600-12 [B-414 (0.5-2)]	B051664	10.3	10.0	05/16/12
12E0600-13 [B-415 (5-7)]	B051664	10.2	10.0	05/16/12
12E0600-14 [B-416 (0-2)]	B051664	10.2	10.0	05/16/12
12E0600-15 [B-417 (5-6.5)]	B051664	10.0	10.0	05/16/12
12E0600-16 [B-418 (5-7)]	B051664	10.1	10.0	05/16/12
12E0600-17 [B-419 (0.5-2)]	B051664	10.2	10.0	05/16/12
12E0600-18 [B-20 (5-6.5)]	B051664	10.3	10.0	05/16/12
12E0600-19 [DUP-2]	B051664	10.0	10.0	05/16/12

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12E0600-03RE1 [B-403 (0-2)]	B051867	10.2	10.0	05/18/12

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B051664 - SW-846 3540C										
Blank (B051664-BLK1)				Prepared: 05/16/12 Analyzed: 05/18/12						**O-32**
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.193*		mg/Kg wet	0.200		96.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.197*		mg/Kg wet	0.200		98.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.196*		mg/Kg wet	0.200		98.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.209*		mg/Kg wet	0.200		104	30-150			
LCS (B051664-BS1)				Prepared: 05/16/12 Analyzed: 05/18/12						
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		100	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg wet	0.200		106	40-140			
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		88.4	40-140			
Aroclor-1260 [2C]	0.20	0.10	mg/Kg wet	0.200		99.1	40-140			
Surrogate: Decachlorobiphenyl	*0.188*		mg/Kg wet	0.200		93.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.190*		mg/Kg wet	0.200		95.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.198*		mg/Kg wet	0.200		98.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.208*		mg/Kg wet	0.200		104	30-150			
LCS Dup (B051664-BSD1)				Prepared: 05/16/12 Analyzed: 05/18/12						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		109	40-140	8.33	30	
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		115	40-140	8.50	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		95.3	40-140	7.56	30	
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		107	40-140	7.54	30	
Surrogate: Decachlorobiphenyl	*0.199*		mg/Kg wet	0.200		99.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.202*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.214*		mg/Kg wet	0.200		107	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.225*		mg/Kg wet	0.200		112	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B051664 - SW-846 3540C										
Matrix Spike (B051664-MS1)		**Source: 12E0600-15**		Prepared: 05/16/12 Analyzed: 05/17/12						
Aroclor-1016	0.21	0.11	mg/Kg dry	0.216	0.0	98.3	40-140			
Aroclor-1016 [2C]	0.23	0.11	mg/Kg dry	0.216	0.0	107	40-140			
Aroclor-1260	0.19	0.11	mg/Kg dry	0.216	0.0	89.4	40-140			
Aroclor-1260 [2C]	0.23	0.11	mg/Kg dry	0.216	0.0	108	40-140			
Surrogate: Decachlorobiphenyl	*0.210*		mg/Kg dry	0.216		97.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.231*		mg/Kg dry	0.216		107	30-150			
Surrogate: Tetrachloro-m-xylene	*0.226*		mg/Kg dry	0.216		105	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.237*		mg/Kg dry	0.216		110	30-150			
Matrix Spike Dup (B051664-MSD1)		**Source: 12E0600-15**		Prepared: 05/16/12 Analyzed: 05/17/12						
Aroclor-1016	0.20	0.11	mg/Kg dry	0.216	0.0	90.8	40-140	7.98	50	
Aroclor-1016 [2C]	0.23	0.11	mg/Kg dry	0.216	0.0	108	40-140	0.922	50	
Aroclor-1260	0.20	0.11	mg/Kg dry	0.216	0.0	94.8	40-140	5.87	50	
Aroclor-1260 [2C]	0.23	0.11	mg/Kg dry	0.216	0.0	106	40-140	2.19	50	
Surrogate: Decachlorobiphenyl	*0.212*		mg/Kg dry	0.216		98.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.245*		mg/Kg dry	0.216		114	30-150			
Surrogate: Tetrachloro-m-xylene	*0.227*		mg/Kg dry	0.216		105	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.241*		mg/Kg dry	0.216		112	30-150			
Batch B051867 - SW-846 3540C										
Blank (B051867-BLK1)				Prepared: 05/18/12 Analyzed: 05/21/12						
Aroclor-1016	ND	0.10	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1221	ND	0.10	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1232	ND	0.10	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1242	ND	0.10	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1248	ND	0.10	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1254	ND	0.10	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1260	ND	0.10	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1262	ND	0.10	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet							
Aroclor-1268	ND	0.10	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.187*		mg/Kg wet	0.200		93.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.186*		mg/Kg wet	0.200		93.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.204*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.230*		mg/Kg wet	0.200		115	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B051867 - SW-846 3540C										
LCS (B051867-BS1)				Prepared: 05/18/12 Analyzed: 05/21/12						
Aroclor-1016	0.19	0.10	mg/Kg wet	0.200		96.2	40-140			
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		113	40-140			
Aroclor-1260	0.22	0.10	mg/Kg wet	0.200		109	40-140			
Aroclor-1260 [2C]	0.18	0.10	mg/Kg wet	0.200		88.3	40-140			
Surrogate: Decachlorobiphenyl	*0.182*		mg/Kg wet	0.200		91.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.179*		mg/Kg wet	0.200		89.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.200*		mg/Kg wet	0.200		100	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.225*		mg/Kg wet	0.200		113	30-150			
LCS Dup (B051867-BSD1)				Prepared: 05/18/12 Analyzed: 05/21/12						
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		109	40-140	12.3	30	
Aroclor-1016 [2C]	0.25	0.10	mg/Kg wet	0.200		127	40-140	11.1	30	
Aroclor-1260	0.19	0.10	mg/Kg wet	0.200		97.3	40-140	11.3	30	
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		103	40-140	15.3	30	
Surrogate: Decachlorobiphenyl	*0.175*		mg/Kg wet	0.200		87.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.181*		mg/Kg wet	0.200		90.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.193*		mg/Kg wet	0.200		96.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.218*		mg/Kg wet	0.200		109	30-150			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B051977 - % Solids										
Duplicate (B051977-DUP1)		**Source: 12E0600-15**		Prepared: 05/21/12 Analyzed: 05/22/12						
% Solids	91.3		% Wt		92.8			1.63	20	
Duplicate (B051977-DUP2)		**Source: 12E0600-01**		Prepared: 05/21/12 Analyzed: 05/22/12						
% Solids	91.7		% Wt		90.2			1.65	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
DL-04	Elevated reporting limit due to high concentration of an interfering analyte(s).
O-32	A five times dilution was perfomed as part of the standard analytical procedure.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC
Aroclor-1016 [2C]	CT,NH,NY,ME,NC
Aroclor-1221	CT,NH,NY,ME,NC
Aroclor-1221 [2C]	CT,NH,NY,ME,NC
Aroclor-1232	CT,NH,NY,ME,NC
Aroclor-1232 [2C]	CT,NH,NY,ME,NC
Aroclor-1242	CT,NH,NY,ME,NC
Aroclor-1242 [2C]	CT,NH,NY,ME,NC
Aroclor-1248	CT,NH,NY,ME,NC
Aroclor-1248 [2C]	CT,NH,NY,ME,NC
Aroclor-1254	CT,NH,NY,ME,NC
Aroclor-1254 [2C]	CT,NH,NY,ME,NC
Aroclor-1260	CT,NH,NY,ME,NC
Aroclor-1260 [2C]	CT,NH,NY,ME,NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

12E0600

Company Name: Resource Controls
Address: 474 Broadway
Pawtucket, RI
Attention: Danielle Eastman
Project Location: NuBrite - 10 1st Street Taunton, MA
Sampled By: CCP & DB

Telephone: 401-728-6860
Project # 6878 - 108
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ◉ WEBSITE
Fax #
Email: deastman@resourcecontrols.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

									10														# of Containers
									I														** Preservation
									A														***Container Code

ANALYSIS REQUESTED

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs with Soxhlet											
01	B-401 (0-2)/Boring	5/11/12	9:05	x		s	u	✓											
02	B-402 (5-7)/Boring	5/11/12	9:55	x		s	u	✓											
03	B-403 (0-2)/Boring	5/11/12	9:17	x		s	u	✓											
04	B-404 (5-7)/Boring	5/11/12	9:57	x		s	u	✓											
05	B-405 (0-2)/ Boring	5/11/12	8:05	x		s	u	✓											
06	B-407 (5-7)/Boring	5/10/12	15:20	x		s	u	✓											
07	B-408 (.5-2)/Boring	5/10/12	10:40	x		s	u	✓											
08	B-410 (.5-2)/Boring	5/10/12	12:40	x		s	u	✓											
09	B-411 (.5-2)/Boring	5/10/12	11:45	x		s	u	✓											
10	B-412 (5-7)/Boring	5/10/12	12:30	x		s	u	✓											

Dissolved Metals
○ Field Filtered
○ Lab to Filter

*****Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: Please perform Matrix spike/ matrix spike duplicate on sample B-417 (5-6.5')

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) Craig C Pugsley	Date/Time: 5/15/12 11:00	
Received by: (signature) Joseph M Schibel	Date/Time: 5/15/12 11:00	
Relinquished by: (signature) Joseph M Schibel	Date/Time: 5/15/12 20:40	
Received by: (signature) C. Claudia Dandi 5.3°C	Date/Time: 5/15/12 20:40	

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other Standard

RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: S-1
Connecticut:
Other:

Is your project MCP or RCP ?
◉ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

AIHA-LAP, LLC ACCREDITED LABORATORY
ACCREDITED IN ACCORDANCE WITH nelac

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Company Name: Resource Controls
Address: 474 Broadway
Pawtucket, RI
Attention: Danielle Eastman
Project Location: NuBrite - 10 1st Street Taunton, MA
Sampled By: CCP & DB

Telephone: 401-728-6860
Project # 6878
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ◉ WEBSITE
Fax #
Email: deastman@resourcecontrols.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs with Soxhlet											# of Containers
																			** Preservation
																			***Container Code
11	B-413 (5-7')/Boring	5/10/12	14:30	x		S	u	✓											9
12	B-414 (.5-2')/Boring	5/10/12	13:20	x		S	u	✓											I
13	B-415 (5-7')/Boring	5/11/12	10:45	x		S	u	✓											A
14	B-416 (0-2')/Boring	5/11/12	10:10	x		S	u	✓											
15	B-417 (5-6.5')/Boring	5/10/12	15:50	x		S	u	✓											
16	B-418 (5-7)/Boring	5/11/12	12:05	x		S	u	✓											
17	B-419 (.5-2')/Boring	5/10/12	9:05	x		S	u	✓											
18	B-20 (5-6.5')/Boring	5/11/12	11:15	x		S	u	✓											
19	DUP-2	5/10/12	[illegible]	x		S	u	✓											

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 5/15/10 11:00
Received by: (signature)	Date/Time: 5/15/12 10
Relinquished by: (signature)	Date/Time: 5/15/12 20
Received by: (signature) 5.39	Date/Time: 5/15/12 20:40

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other Standard
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: S-1
Connecticut:
Other:

Is your project MCP or RCP ?
◉ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

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†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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East Longmeadow, MA. 01028
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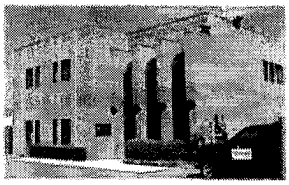

Sample Receipt Checklist

CLIENT NAME: Resource Controls **RECEIVED BY:** C.C.S. **DATE:** 5/15/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? Yes (No)

If not, explain: Times diff. on sample 4 (says 10:08)

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.3°C

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No N/A _____

9) Do all samples have the proper Base pH: Yes No N/A _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	16
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	7	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 12E0600
Project Location: NuBrite-10 1st Street, Taunton, MA	RTN:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

12E0600-01 thru 12E0600-19

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	7470/7471 Hg CAM IIIB ( )	MassDEP VPH CAM IV A ( )	8081 Pesticides CAM V B ( )	7196 Hex Cr CAM VI B ( )	MassDEP APH CAM IX A ( )
8270 SVOC CAM II B ( )	7010 Metals CAM III C ( )	MassDEP EPH CAM IV A ( )	8151 Herbicides CAM V C ( )	8330 Explosives CAM VIII A ( )	TO-15 VOC CAM IX B ( )
6010 Metals CAM III A ( )	6020 Metals CAM III D ( )	8082 PCB CAM V A (X)	9014 Total Cyanide/PAC CAM VI A ( )	6860 Perchlorate CAM VIII B ( )	

Affirmative response to Questions A throughF is required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☑ Yes	☐ No[1]
B	Were the analytical method(s) and all associated QC requirements specificed in the selected CAM protocol(s) followed?	☑ Yes	☐ No[1]
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☑ Yes	☐ No[1]
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidlines for the Acquisition and Reporting of Analytical Data?	☑ Yes	☐ No[1]
E a	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	☐ Yes	☐ No[1]
E b	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes	☐ No[1]
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Qestions A through E)?	☑ Yes	☐ No[1]

A response to questions G, H and I below is required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☐ Yes	☑ No[1]

***Data User Note:* Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**

H	Were all QC perfomance standards specified in the CAM protocol(s) achieved?	☑ Yes	☐ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☑ Yes	☐ No[1]

[1] *All Negative responses must be addressed in an attached Environmental Laboratory case narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: _____ Position: Laboratory Manager

Printed Name: Daren J. Damboragian Date: 05/22/12

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

May 22, 2012

Danielle Eastman
Resource Control Associates - RI
474 Broadway
Pawtucket, RI 02860

Project Location: NuBrite - 10 1st Street, Taunton, MA
Client Job Number:
Project Number: A6878
Laboratory Work Order Number: 12E0584

Enclosed are results of analyses for samples received by the laboratory on May 15, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Resource Control Associates - RI
474 Broadway
Pawtucket, RI 02860
ATTN: Danielle Eastman

REPORT DATE: 5/22/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: A6878

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12E0584

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: NuBrite - 10 1st Street, Taunton, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-227	12E0584-03	Ground Water		SW-846 8082A	
MW-4	12E0584-04	Ground Water		SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite - 10 1st Street, Taunton, M Sample Description: Work Order: 12E0584

Date Received: 5/15/2012

Field Sample #: MW-227 Sampled: 5/14/2012 13:15

Sample ID: 12E0584-03

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:16	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:16	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:16	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:16	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:16	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:16	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:16	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:16	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:16	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	78.3	30-150		5/21/12 17:16
Decachlorobiphenyl [2]	64.6	30-150		5/21/12 17:16
Tetrachloro-m-xylene [1]	66.2	30-150		5/21/12 17:16
Tetrachloro-m-xylene [2]	67.4	30-150		5/21/12 17:16

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Project Location: NuBrite - 10 1st Street, Taunton, M Sample Description: Work Order: 12E0584

Date Received: 5/15/2012

Field Sample #: MW-4 Sampled: 5/14/2012 15:15

Sample ID: 12E0584-04

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:29	JMB
Aroclor-1221 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:29	JMB
Aroclor-1232 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:29	JMB
Aroclor-1242 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:29	JMB
Aroclor-1248 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:29	JMB
Aroclor-1254 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:29	JMB
Aroclor-1260 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:29	JMB
Aroclor-1262 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:29	JMB
Aroclor-1268 [1]	ND	0.20	µg/L	1		SW-846 8082A	5/21/12	5/21/12 17:29	JMB

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	80.6	30-150		5/21/12 17:29
Decachlorobiphenyl [2]	65.7	30-150		5/21/12 17:29
Tetrachloro-m-xylene [1]	75.6	30-150		5/21/12 17:29
Tetrachloro-m-xylene [2]	72.3	30-150		5/21/12 17:29

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Sample Extraction Data

Prep Method: SW-846 3510C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12E0584-03 [MW-227]	B051886	1000	10.0	05/21/12
12E0584-04 [MW-4]	B051886	1000	10.0	05/21/12

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B051886 - SW-846 3510C										
Blank (B051886-BLK1)				Prepared & Analyzed: 05/21/12						
Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	*1.43*		µg/L	2.00		71.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.18*		µg/L	2.00		59.2	30-150			
Surrogate: Tetrachloro-m-xylene	*1.15*		µg/L	2.00		57.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.17*		µg/L	2.00		58.5	30-150			
LCS (B051886-BS1)				Prepared & Analyzed: 05/21/12						
Aroclor-1016	0.40	0.20	µg/L	0.500		80.4	40-140			
Aroclor-1016 [2C]	0.41	0.20	µg/L	0.500		82.9	40-140			
Aroclor-1260	0.45	0.20	µg/L	0.500		90.7	40-140			
Aroclor-1260 [2C]	0.44	0.20	µg/L	0.500		88.3	40-140			
Surrogate: Decachlorobiphenyl	*1.53*		µg/L	2.00		76.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.26*		µg/L	2.00		63.1	30-150			
Surrogate: Tetrachloro-m-xylene	*1.40*		µg/L	2.00		70.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.42*		µg/L	2.00		71.1	30-150			
LCS Dup (B051886-BSD1)				Prepared & Analyzed: 05/21/12						
Aroclor-1016	0.37	0.20	µg/L	0.500		74.0	40-140	8.27	20	
Aroclor-1016 [2C]	0.37	0.20	µg/L	0.500		74.7	40-140	10.3	20	
Aroclor-1260	0.43	0.20	µg/L	0.500		85.3	40-140	6.14	20	
Aroclor-1260 [2C]	0.42	0.20	µg/L	0.500		83.6	40-140	5.52	20	
Surrogate: Decachlorobiphenyl	*1.40*		µg/L	2.00		69.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.16*		µg/L	2.00		57.9	30-150			
Surrogate: Tetrachloro-m-xylene	*1.22*		µg/L	2.00		60.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.23*		µg/L	2.00		61.6	30-150			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Water	
Aroclor-1016	CT,NH,NY,RI,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1221	CT,NH,NY,RI,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1232	CT,NH,NY,RI,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1242	CT,NH,NY,RI,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1248	CT,NH,NY,RI,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1254	CT,NH,NY,RI,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1260	CT,NH,NY,RI,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,RI,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

Page 1 of 1

12E0584

Company Name: Resource Controls
Address: 474 Broadway
Pawtucket, RI
Attention: Danielle Eastman
Project Location: 10 1st St Taunton, MA
Sampled By: Dan Baynes

Telephone: 401-728-0860
Project #: 6878
Client PO#:

DATA DELIVERY (check all that apply)
O FAX ☒ EMAIL ☒ WEBSITE
Fax #:
Email: deastman@resourcecontrols.com
Format: ☒ PDF ☒ EXCEL O GIS
O OTHER
O "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
O yes _____ proposal date

ANALYSIS REQUESTED

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	PCBs	# of Containers	** Preservation	***Container Code
01	MW-227 (Filtered)		13:00	X		GW	L	X	1	I	A
02	MW-4 (Filtered)		14:50	X		GW	L	X	1	I	A
03	MW-227 (Unfiltered)		13:15	X		GW	L	X	1	I	A
04	MW-4 (Unfiltered)		15:15	X		GW	L	X	1	I	A

Dissolved Metals
O Field Filtered
O Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other _____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other _____

Comments: 1-2 unfiltered samples 3 & 4 unfiltered - per client. Hold Unfiltered until further notice. Test only Filtered.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
[signature]	5/15/12 11:00
Received by: (signature) [signature]	5/15/12 11:00
Relinquished by: (signature) [signature]	5/15/12 20:46
Received by: (signature) [signature]	5/15/12 12:40

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other 5
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: MCP
Connecticut:
Other:

Is your project MCP or RCP ?
O MCP Analytical Certification Form Required
O RCP Analysis Certification Form Required
O MA State DW Form Required PWSID # _____

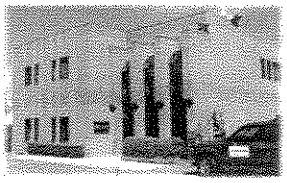
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY



Sample Receipt Checklist

CLIENT NAME: Resource Controls **RECEIVED BY:** C.C-S. **DATE:** 5/15/12

1) Was the chain(s) of custody relinquished and signed? Yes No No CoC Included

2) Does the chain agree with the samples? Yes No

If not, explain:

3) Are all the samples in good condition? Yes No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? Yes No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.3°C

5) Are there Dissolved samples for the lab to filter? Yes No

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes No

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No N/A _____

9) Do all samples have the proper Base pH: Yes No N/A _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber	4	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 12E0584
Project Location: NuBrite - 10 1st Street, Taunton, MA	RTN:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

12E0584-03 thru 12E0584-04

Matrices: Water

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	7470/7471 Hg CAM IIIB ( )	MassDEP VPH CAM IV A ( )	8081 Pesticides CAM V B ( )	7196 Hex Cr CAM VI B ( )	MassDEP APH CAM IX A ( )
8270 SVOC CAM II B ( )	7010 Metals CAM III C ( )	MassDEP EPH CAM IV A ( )	8151 Herbicides CAM V C ( )	8330 Explosives CAM VIII A ( )	TO-15 VOC CAM IX B ( )
6010 Metals CAM III A ( )	6020 Metals CAM III D ( )	8082 PCB CAM V A (X)	9014 Total Cyanide/PAC CAM VI A ( )	6860 Perchlorate CAM VIII B ( )	

Affirmative response to Questions A throughF is required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☑ Yes	☐ No[1]
B	Were the analytical method(s) and all associated QC requirements specificed in the selected CAM protocol(s) followed?	☑ Yes	☐ No[1]
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☑ Yes	☐ No[1]
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidlines for the Acquisition and Reporting of Analytical Data?	☑ Yes	☐ No[1]
E a	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	☐ Yes	☐ No[1]
E b	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes	☐ No[1]
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Qestions A through E)?	☑ Yes	☐ No[1]

A response to questions G, H and I below is required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☑ Yes	☐ No[1]

***Data User Note:* Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**

H	Were all QC perfomance standards specified in the CAM protocol(s) achieved?	☑ Yes	☐ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☑ Yes	☐ No[1]

[1] *All Negative responses must be addressed in an attached Environmental Laboratory case narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: _____ Position: Laboratory Manager

Printed Name: Daren J. Damboragian Date: 05/22/12

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

May 22, 2012

Danielle Eastman
Resource Control Associates - RI
474 Broadway
Pawtucket, RI 02860

Project Location: NuBrite - 10 1st Street, Taunton, MA
Client Job Number:
Project Number: A6878-107
Laboratory Work Order Number: 12E0582

Enclosed are results of analyses for samples received by the laboratory on May 15, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Resource Control Associates - RI
474 Broadway
Pawtucket, RI 02860
ATTN: Danielle Eastman

REPORT DATE: 5/22/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: A6878-107

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12E0582

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: NuBrite - 10 1st Street, Taunton, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B-334 Disposal	12E0582-01	Soil		SM 2540G	
				SW-846 1010	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8100 Modified	
				SW-846 8260C	
				SW-846 9014	
				SW-846 9030A	
				SW-846 9045C	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 6010, only RCRA 5 metals were requested and reported.

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SW-846 6010C

Qualifications:

The reporting limit verification for the AIHA lead program is outside of control limits for this element. Any reported result at or near the detection limit may be biased on the high side.

Analyte & Samples(s) Qualified:

Lead

12E0582-01[B-334 Disposal], B051785-BS2

SW-846 8082A

Qualifications:

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Aroclor-1016 [2C], Aroclor-1260

B051888-BS1

SW-846 8100 Modified

Qualifications:

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

o-Terphenyl

12E0582-01[B-334 Disposal]

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Isopropylbenzene (Cumene), sec-Butylbenzene

B051636-BS1, B051636-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

1,1,1,2-Tetrachloroethane, Carbon Tetrachloride, Hexachlorobutadiene, Naphthalene, Tetrachloroethylene

B051636-BSD1, B051636-BS1

Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.

Analyte & Samples(s) Qualified:

2-Hexanone (MBK), Bromomethane, Chloromethane, Dichlorodifluoromethane (Freon 12)

B051636-BS1, B051636-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

2-Butanone (MEK), 2-Hexanone (MBK), 4-Methyl-2-pentanone (MIBK), Methyl tert-Butyl Ether (MTBE), Naphthalene, tert-Butyl Ethyl Ether (TBEE)

12E0582-01[B-334 Disposal], B051636-BLK1, B051636-BS1, B051636-BSD1

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Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, 2-Butanone (MEK), Acetone, Tetrahydrofuran

12E0582-01[B-334 Disposal], B051636-BLK1, B051636-BS1, B051636-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Carbon Disulfide, Carbon Tetrachloride, Chlorodibromomethane, Tetrachloroethylene

B051636-BS1, B051636-BSD1

SW-846 9045C

Qualifications:

Sample received after recommended holding time was exceeded.

Analyte & Samples(s) Qualified:

pH

12E0582-01[B-334 Disposal]

SW-846 8100 Modified

TPH (C9-C36) is quantitated against a calibration made with a diesel standard.

SW-846 8260C

Laboratory control sample recoveries for required MCP Data Enhancement 8260 compounds were all within limits specified by the method except for “difficult analytes” where recovery control limits of 40-160% are used and/or unless otherwise listed in this narrative. Difficult analytes: MIBK, MEK, acetone, 1,4-dioxane, chloromethane, dichlorodifluoromethane, 2-hexanone, and bromomethane.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite - 10 1st Street, Taunton, M Sample Description: Work Order: 12E0582

Date Received: 5/15/2012

Field Sample #: B-334 Disposal Sampled: 5/10/2012 08:30

Sample ID: 12E0582-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.077	mg/Kg dry	1	V-16	SW-846 8260C	5/16/12	5/17/12 10:25	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00077	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Benzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Bromobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Bromochloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Bromodichloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Bromoform	ND	0.0031	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Bromomethane	ND	0.0077	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
2-Butanone (MEK)	ND	0.031	mg/Kg dry	1	V-05, V-16	SW-846 8260C	5/16/12	5/17/12 10:25	MFF
n-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
sec-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
tert-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00077	mg/Kg dry	1	V-05	SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Carbon Disulfide	ND	0.0046	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Carbon Tetrachloride	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Chlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Chlorodibromomethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Chloroethane	ND	0.0077	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Chloroform	ND	0.0031	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Chloromethane	ND	0.0077	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
2-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
4-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,2-Dibromoethane (EDB)	ND	0.00077	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Dibromomethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,2-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,3-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,4-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0077	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,1-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,2-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,1-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
cis-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
trans-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,3-Dichloropropane	ND	0.00077	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
2,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,1-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
cis-1,3-Dichloropropene	ND	0.00077	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
trans-1,3-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Diethyl Ether	ND	0.0077	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Diisopropyl Ether (DIPE)	ND	0.00077	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,4-Dioxane	ND	0.077	mg/Kg dry	1	V-16	SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Ethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite - 10 1st Street, Taunton, M Sample Description: Work Order: 12E0582

Date Received: 5/15/2012

Field Sample #: B-334 Disposal Sampled: 5/10/2012 08:30

Sample ID: 12E0582-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
2-Hexanone (MBK)	ND	0.015	mg/Kg dry	1	V-05	SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Isopropylbenzene (Cumene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0031	mg/Kg dry	1	V-05	SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Methylene Chloride	ND	0.0077	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.015	mg/Kg dry	1	V-05	SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Naphthalene	ND	0.0031	mg/Kg dry	1	V-05	SW-846 8260C	5/16/12	5/17/12 10:25	MFF
n-Propylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Styrene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,1,2,2-Tetrachloroethane	ND	0.00077	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Tetrachloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Tetrahydrofuran	ND	0.0077	mg/Kg dry	1	V-16	SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Toluene	0.0033	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,2,3-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,2,4-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,1,1-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,1,2-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Trichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0077	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,2,3-Trichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,2,4-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
1,3,5-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
Vinyl Chloride	ND	0.0077	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
m+p Xylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF
o-Xylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	5/16/12	5/17/12 10:25	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	90.4	70-130		5/17/12 10:25
Toluene-d8	102	70-130		5/17/12 10:25
4-Bromofluorobenzene	91.8	70-130		5/17/12 10:25

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite - 10 1st Street, Taunton, M Sample Description: Work Order: 12E0582

Date Received: 5/15/2012

Field Sample #: B-334 Disposal Sampled: 5/10/2012 08:30

Sample ID: 12E0582-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	5/21/12	5/22/12 11:19	MJC
Aroclor-1221 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	5/21/12	5/22/12 11:19	MJC
Aroclor-1232 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	5/21/12	5/22/12 11:19	MJC
Aroclor-1242 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	5/21/12	5/22/12 11:19	MJC
Aroclor-1248 [1]	1.5	0.46	mg/Kg dry	20		SW-846 8082A	5/21/12	5/22/12 11:19	MJC
Aroclor-1254 [2]	2.5	0.46	mg/Kg dry	20		SW-846 8082A	5/21/12	5/22/12 11:19	MJC
Aroclor-1260 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	5/21/12	5/22/12 11:19	MJC
Aroclor-1262 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	5/21/12	5/22/12 11:19	MJC
Aroclor-1268 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	5/21/12	5/22/12 11:19	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	127	30-150		5/22/12 11:19
Decachlorobiphenyl [2]	129	30-150		5/22/12 11:19
Tetrachloro-m-xylene [1]	126	30-150		5/22/12 11:19
Tetrachloro-m-xylene [2]	127	30-150		5/22/12 11:19

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Project Location: NuBrite - 10 1st Street, Taunton, M Sample Description: Work Order: 12E0582

Date Received: 5/15/2012

Field Sample #: B-334 Disposal Sampled: 5/10/2012 08:30

Sample ID: 12E0582-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH C9-C36 Hydrocarbons as Diesel	460	390	mg/Kg dry	20		SW-846 8100 Modified	5/21/12	5/22/12 11:29	SCS

Surrogates	% Recovery	Recovery Limits	Flag	
o-Terphenyl	*	40-140	S-01	5/22/12 11:29

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Project Location: NuBrite - 10 1st Street, Taunton, M Sample Description: Work Order: 12E0582

Date Received: 5/15/2012

Field Sample #: B-334 Disposal Sampled: 5/10/2012 08:30

Sample ID: 12E0582-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.3	2.7	mg/Kg dry	1		SW-846 6010C	5/18/12	5/18/12 16:54	OP
Cadmium	0.51	0.27	mg/Kg dry	1		SW-846 6010C	5/18/12	5/18/12 16:54	OP
Chromium	15	0.54	mg/Kg dry	1		SW-846 6010C	5/18/12	5/18/12 16:54	OP
Lead	1500	0.82	mg/Kg dry	1	M-10	SW-846 6010C	5/18/12	5/18/12 16:54	OP
Mercury	0.58	0.058	mg/Kg dry	2		SW-846 7471B	5/17/12	5/17/12 14:19	AMR

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Project Location: NuBrite - 10 1st Street, Taunton, M Sample Description: Work Order: 12E0582

Date Received: 5/15/2012

Field Sample #: B-334 Disposal Sampled: 5/10/2012 08:30

Sample ID: 12E0582-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Flashpoint	> 212 °F		°F	1		SW-846 1010	5/17/12	5/17/12 13:45	DEF
pH @26.5°C	7.9		pH Units	1	H-03	SW-846 9045C	5/16/12	5/16/12 9:20	LL
Reactive Cyanide	ND	4.0	mg/Kg	1		SW-846 9014	5/16/12	5/17/12 8:21	SBP
Reactive Sulfide	ND	20	mg/Kg	1		SW-846 9030A	5/16/12	5/16/12 15:00	DEF
% Solids	85.5		% Wt	1		SM 2540G	5/21/12	5/21/12 14:29	HF

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12E0582-01 [B-334 Disposal]	B051891	05/21/12

SW-846 1010

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12E0582-01 [B-334 Disposal]	B051751	50.0	50.0	05/17/12

Prep Method: SW-846 3050B-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12E0582-01 [B-334 Disposal]	B051785	1.08	50.0	05/18/12

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12E0582-01 [B-334 Disposal]	B051705	0.603	50.0	05/17/12

Prep Method: SW-846 3546-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12E0582-01 [B-334 Disposal]	B051888	10.1	10.0	05/21/12

Prep Method: SW-846 3546-SW-846 8100 Modified

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12E0582-01 [B-334 Disposal]	B051889	30.3	2.00	05/21/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12E0582-01 [B-334 Disposal]	B051636	7.57	10.0	05/16/12

SW-846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12E0582-01 [B-334 Disposal]	B051680	25.3	250	05/16/12

SW-846 9030A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12E0582-01 [B-334 Disposal]	B051684	25.3	250	05/16/12

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Sample Extraction Data

SW-846 9045C

Lab Number [Field ID]	Batch	Initial [g]	Date
12E0582-01 [B-334 Disposal]	B051686	20.0	05/16/12

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B051636 - SW-846 5035										
Blank (B051636-BLK1)				Prepared: 05/16/12 Analyzed: 05/17/12						
Acetone	ND	0.10	mg/Kg wet							V-16
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0040	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-05, V-16
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							V-05
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0020	mg/Kg wet							
Chloroethane	ND	0.010	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.010	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0020	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							V-05
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							V-05
Methylene Chloride	ND	0.010	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							V-05
Naphthalene	ND	0.0040	mg/Kg wet							V-05

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B051636 - SW-846 5035												
Blank (B051636-BLK1)				Prepared: 05/16/12 Analyzed: 05/17/12								
n-Propylbenzene	ND	0.0020	mg/Kg wet									
Styrene	ND	0.0020	mg/Kg wet									
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet									
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet									
Tetrachloroethylene	ND	0.0020	mg/Kg wet									
Tetrahydrofuran	ND	0.010	mg/Kg wet								V-16	
Toluene	ND	0.0020	mg/Kg wet									
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet									
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet									
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet									
Trichloroethylene	ND	0.0020	mg/Kg wet									
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet									
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet									
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet									
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet									
Vinyl Chloride	ND	0.010	mg/Kg wet									
m+p Xylene	ND	0.0040	mg/Kg wet									
o-Xylene	ND	0.0020	mg/Kg wet									
Surrogate: 1,2-Dichloroethane-d4	*0.0448*		mg/Kg wet	0.0500		89.6		70-130				
Surrogate: Toluene-d8	*0.0502*		mg/Kg wet	0.0500		100		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0460*		mg/Kg wet	0.0500		92.0		70-130				
LCS (B051636-BS1)				Prepared: 05/16/12 Analyzed: 05/17/12								
Acetone	0.154	0.10	mg/Kg wet	0.200		76.8		40-160			V-16	†
tert-Amyl Methyl Ether (TAME)	0.0172	0.0010	mg/Kg wet	0.0200		85.8		70-130				
Benzene	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130				
Bromobenzene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
Bromochloromethane	0.0219	0.0020	mg/Kg wet	0.0200		110		70-130				
Bromodichloromethane	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130				
Bromoform	0.0193	0.0040	mg/Kg wet	0.0200		96.5		70-130				
Bromomethane	0.0134	0.010	mg/Kg wet	0.0200		66.9		40-160			L-14	†
2-Butanone (MEK)	0.147	0.040	mg/Kg wet	0.200		73.3		40-160			V-05, V-16	†
n-Butylbenzene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130				
sec-Butylbenzene	0.0264	0.0020	mg/Kg wet	0.0200		**132**	*	70-130			L-02	
tert-Butylbenzene	0.0259	0.0020	mg/Kg wet	0.0200		130		70-130				
tert-Butyl Ethyl Ether (TBEE)	0.0160	0.0010	mg/Kg wet	0.0200		80.1		70-130			V-05	
Carbon Disulfide	0.0214	0.0060	mg/Kg wet	0.0200		107		70-130			V-20	
Carbon Tetrachloride	0.0260	0.0020	mg/Kg wet	0.0200		130		70-130			V-20	
Chlorobenzene	0.0244	0.0020	mg/Kg wet	0.0200		122		70-130				
Chlorodibromomethane	0.0246	0.0020	mg/Kg wet	0.0200		123		70-130			V-20	
Chloroethane	0.0186	0.010	mg/Kg wet	0.0200		93.0		70-130				
Chloroform	0.0211	0.0040	mg/Kg wet	0.0200		106		70-130				
Chloromethane	0.0135	0.010	mg/Kg wet	0.0200		67.3		40-160			L-14	†
2-Chlorotoluene	0.0236	0.0020	mg/Kg wet	0.0200		118		70-130				
4-Chlorotoluene	0.0239	0.0020	mg/Kg wet	0.0200		119		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0181	0.0020	mg/Kg wet	0.0200		90.3		70-130				
1,2-Dibromoethane (EDB)	0.0224	0.0010	mg/Kg wet	0.0200		112		70-130				
Dibromomethane	0.0205	0.0020	mg/Kg wet	0.0200		103		70-130				
1,2-Dichlorobenzene	0.0231	0.0020	mg/Kg wet	0.0200		115		70-130				
1,3-Dichlorobenzene	0.0238	0.0020	mg/Kg wet	0.0200		119		70-130				
1,4-Dichlorobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B051636 - SW-846 5035												
LCS (B051636-BS1)				Prepared: 05/16/12 Analyzed: 05/17/12								
Dichlorodifluoromethane (Freon 12)	0.0102	0.010	mg/Kg wet	0.0200		50.9		40-160			L-14	†
1,1-Dichloroethane	0.0203	0.0020	mg/Kg wet	0.0200		101		70-130				
1,2-Dichloroethane	0.0205	0.0020	mg/Kg wet	0.0200		102		70-130				
1,1-Dichloroethylene	0.0227	0.0040	mg/Kg wet	0.0200		114		70-130				
cis-1,2-Dichloroethylene	0.0196	0.0020	mg/Kg wet	0.0200		98.2		70-130				
trans-1,2-Dichloroethylene	0.0205	0.0020	mg/Kg wet	0.0200		102		70-130				
1,2-Dichloropropane	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130				
1,3-Dichloropropane	0.0205	0.0010	mg/Kg wet	0.0200		102		70-130				
2,2-Dichloropropane	0.0197	0.0020	mg/Kg wet	0.0200		98.7		70-130				
1,1-Dichloropropene	0.0221	0.0020	mg/Kg wet	0.0200		110		70-130				
cis-1,3-Dichloropropene	0.0205	0.0010	mg/Kg wet	0.0200		103		70-130				
trans-1,3-Dichloropropene	0.0229	0.0020	mg/Kg wet	0.0200		115		70-130				
Diethyl Ether	0.0200	0.010	mg/Kg wet	0.0200		100		70-130				
Diisopropyl Ether (DIPE)	0.0172	0.0010	mg/Kg wet	0.0200		85.8		70-130				
1,4-Dioxane	0.168	0.10	mg/Kg wet	0.200		83.8		40-160			V-16	†
Ethylbenzene	0.0232	0.0020	mg/Kg wet	0.0200		116		70-130				
Hexachlorobutadiene	0.0257	0.0020	mg/Kg wet	0.0200		128		70-130				
2-Hexanone (MBK)	0.139	0.020	mg/Kg wet	0.200		69.4		40-160			L-14, V-05	†
Isopropylbenzene (Cumene)	0.0264	0.0020	mg/Kg wet	0.0200		**132**	*	70-130			L-02	
p-Isopropyltoluene (p-Cymene)	0.0242	0.0020	mg/Kg wet	0.0200		121		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0167	0.0040	mg/Kg wet	0.0200		83.5		70-130			V-05	
Methylene Chloride	0.0161	0.010	mg/Kg wet	0.0200		80.6		70-130				
4-Methyl-2-pentanone (MIBK)	0.148	0.020	mg/Kg wet	0.200		74.1		40-160			V-05	†
Naphthalene	0.0138	0.0040	mg/Kg wet	0.0200		**69.2**	*	70-130			L-07, V-05	
n-Propylbenzene	0.0243	0.0020	mg/Kg wet	0.0200		122		70-130				
Styrene	0.0226	0.0020	mg/Kg wet	0.0200		113		70-130				
1,1,1,2-Tetrachloroethane	0.0258	0.0020	mg/Kg wet	0.0200		129		70-130				
1,1,2,2-Tetrachloroethane	0.0190	0.0010	mg/Kg wet	0.0200		95.0		70-130				
Tetrachloroethylene	0.0258	0.0020	mg/Kg wet	0.0200		129		70-130			V-20	
Tetrahydrofuran	0.0168	0.010	mg/Kg wet	0.0200		83.9		70-130			V-16	
Toluene	0.0229	0.0020	mg/Kg wet	0.0200		114		70-130				
1,2,3-Trichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		87.9		70-130				
1,2,4-Trichlorobenzene	0.0187	0.0020	mg/Kg wet	0.0200		93.6		70-130				
1,1,1-Trichloroethane	0.0221	0.0020	mg/Kg wet	0.0200		111		70-130				
1,1,2-Trichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		104		70-130				
Trichloroethylene	0.0230	0.0020	mg/Kg wet	0.0200		115		70-130				
Trichlorofluoromethane (Freon 11)	0.0203	0.010	mg/Kg wet	0.0200		102		70-130				
1,2,3-Trichloropropane	0.0192	0.0020	mg/Kg wet	0.0200		96.2		70-130				
1,2,4-Trimethylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130				
1,3,5-Trimethylbenzene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130				
Vinyl Chloride	0.0159	0.010	mg/Kg wet	0.0200		79.7		70-130				
m+p Xylene	0.0482	0.0040	mg/Kg wet	0.0400		120		70-130				
o-Xylene	0.0242	0.0020	mg/Kg wet	0.0200		121		70-130				
Surrogate: 1,2-Dichloroethane-d4	*0.0445*		mg/Kg wet	0.0500		89.0		70-130				
Surrogate: Toluene-d8	*0.0511*		mg/Kg wet	0.0500		102		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0464*		mg/Kg wet	0.0500		92.9		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B051636 - SW-846 5035												
LCS Dup (B051636-BSD1)				Prepared: 05/16/12 Analyzed: 05/17/12								
Acetone	0.159	0.10	mg/Kg wet	0.200		79.7		40-160	3.64	20	V-16	†
tert-Amyl Methyl Ether (TAME)	0.0176	0.0010	mg/Kg wet	0.0200		88.2		70-130	2.76	20		
Benzene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130	4.64	20		
Bromobenzene	0.0225	0.0020	mg/Kg wet	0.0200		112		70-130	0.624	20		
Bromochloromethane	0.0227	0.0020	mg/Kg wet	0.0200		113		70-130	3.41	20		
Bromodichloromethane	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	2.17	20		
Bromoform	0.0199	0.0040	mg/Kg wet	0.0200		99.4		70-130	2.96	20		
Bromomethane	0.0152	0.010	mg/Kg wet	0.0200		75.9		40-160	12.6	20		†
2-Butanone (MEK)	0.152	0.040	mg/Kg wet	0.200		76.0		40-160	3.60	20	V-05, V-16	†
n-Butylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130	1.52	20		
sec-Butylbenzene	0.0267	0.0020	mg/Kg wet	0.0200		**134**	*	70-130	1.36	20	L-02	
tert-Butylbenzene	0.0261	0.0020	mg/Kg wet	0.0200		130		70-130	0.769	20		
tert-Butyl Ethyl Ether (TBEE)	0.0169	0.0010	mg/Kg wet	0.0200		84.6		70-130	5.46	20	V-05	
Carbon Disulfide	0.0221	0.0060	mg/Kg wet	0.0200		110		70-130	3.12	20	V-20	
Carbon Tetrachloride	0.0272	0.0020	mg/Kg wet	0.0200		**136**	*	70-130	4.36	20	L-07, V-20	
Chlorobenzene	0.0247	0.0020	mg/Kg wet	0.0200		124		70-130	1.55	20		
Chlorodibromomethane	0.0247	0.0020	mg/Kg wet	0.0200		124		70-130	0.486	20	V-20	
Chloroethane	0.0193	0.010	mg/Kg wet	0.0200		96.3		70-130	3.49	20		
Chloroform	0.0221	0.0040	mg/Kg wet	0.0200		110		70-130	4.44	20		
Chloromethane	0.0142	0.010	mg/Kg wet	0.0200		71.2		40-160	5.63	20		†
2-Chlorotoluene	0.0240	0.0020	mg/Kg wet	0.0200		120		70-130	1.77	20		
4-Chlorotoluene	0.0242	0.0020	mg/Kg wet	0.0200		121		70-130	1.50	20		
1,2-Dibromo-3-chloropropane (DBCP)	0.0190	0.0020	mg/Kg wet	0.0200		95.0		70-130	5.07	20		
1,2-Dibromoethane (EDB)	0.0227	0.0010	mg/Kg wet	0.0200		113		70-130	0.976	20		
Dibromomethane	0.0217	0.0020	mg/Kg wet	0.0200		108		70-130	5.31	20		
1,2-Dichlorobenzene	0.0242	0.0020	mg/Kg wet	0.0200		121		70-130	4.57	20		
1,3-Dichlorobenzene	0.0243	0.0020	mg/Kg wet	0.0200		121		70-130	1.91	20		
1,4-Dichlorobenzene	0.0215	0.0020	mg/Kg wet	0.0200		107		70-130	2.16	20		
Dichlorodifluoromethane (Freon 12)	0.0106	0.010	mg/Kg wet	0.0200		53.2		40-160	4.42	20	L-14	†
1,1-Dichloroethane	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130	4.34	20		
1,2-Dichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		104		70-130	1.26	20		
1,1-Dichloroethylene	0.0235	0.0040	mg/Kg wet	0.0200		118		70-130	3.46	20		
cis-1,2-Dichloroethylene	0.0205	0.0020	mg/Kg wet	0.0200		103		70-130	4.38	20		
trans-1,2-Dichloroethylene	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130	3.17	20		
1,2-Dichloropropane	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130	4.04	20		
1,3-Dichloropropane	0.0213	0.0010	mg/Kg wet	0.0200		107		70-130	4.02	20		
2,2-Dichloropropane	0.0203	0.0020	mg/Kg wet	0.0200		102		70-130	2.80	20		
1,1-Dichloropropene	0.0230	0.0020	mg/Kg wet	0.0200		115		70-130	4.35	20		
cis-1,3-Dichloropropene	0.0211	0.0010	mg/Kg wet	0.0200		106		70-130	2.98	20		
trans-1,3-Dichloropropene	0.0237	0.0020	mg/Kg wet	0.0200		118		70-130	3.09	20		
Diethyl Ether	0.0208	0.010	mg/Kg wet	0.0200		104		70-130	3.91	20		
Diisopropyl Ether (DIPE)	0.0180	0.0010	mg/Kg wet	0.0200		90.1		70-130	4.89	20		
1,4-Dioxane	0.171	0.10	mg/Kg wet	0.200		85.5		40-160	2.03	20	V-16	†
Ethylbenzene	0.0236	0.0020	mg/Kg wet	0.0200		118		70-130	1.54	20		
Hexachlorobutadiene	0.0265	0.0020	mg/Kg wet	0.0200		**132**	*	70-130	3.07	20	L-07	
2-Hexanone (MBK)	0.147	0.020	mg/Kg wet	0.200		73.5		40-160	5.61	20	V-05	†
Isopropylbenzene (Cumene)	0.0269	0.0020	mg/Kg wet	0.0200		**134**	*	70-130	1.88	20	L-02	
p-Isopropyltoluene (p-Cymene)	0.0247	0.0020	mg/Kg wet	0.0200		123		70-130	2.05	20		
Methyl tert-Butyl Ether (MTBE)	0.0177	0.0040	mg/Kg wet	0.0200		88.4		70-130	5.70	20	V-05	
Methylene Chloride	0.0170	0.010	mg/Kg wet	0.0200		84.9		70-130	5.20	20		
4-Methyl-2-pentanone (MIBK)	0.154	0.020	mg/Kg wet	0.200		76.9		40-160	3.64	20	V-05	†
Naphthalene	0.0147	0.0040	mg/Kg wet	0.0200		73.4		70-130	5.89	20	V-05	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B051636 - SW-846 5035											
LCS Dup (B051636-BSD1)				Prepared: 05/16/12 Analyzed: 05/17/12							
n-Propylbenzene	0.0246	0.0020	mg/Kg wet	0.0200		123		70-130	1.22	20	
Styrene	0.0230	0.0020	mg/Kg wet	0.0200		115		70-130	1.40	20	
1,1,1,2-Tetrachloroethane	0.0264	0.0020	mg/Kg wet	0.0200		**132**	*	70-130	2.37	20	L-07
1,1,2,2-Tetrachloroethane	0.0202	0.0010	mg/Kg wet	0.0200		101		70-130	6.22	20	
Tetrachloroethylene	0.0265	0.0020	mg/Kg wet	0.0200		**132**	*	70-130	2.68	20	L-07, V-20
Tetrahydrofuran	0.0176	0.010	mg/Kg wet	0.0200		88.0		70-130	4.77	20	V-16
Toluene	0.0237	0.0020	mg/Kg wet	0.0200		118		70-130	3.35	20	
1,2,3-Trichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		93.8		70-130	6.49	20	
1,2,4-Trichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.7		70-130	6.31	20	
1,1,1-Trichloroethane	0.0225	0.0020	mg/Kg wet	0.0200		113		70-130	1.70	20	
1,1,2-Trichloroethane	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130	5.90	20	
Trichloroethylene	0.0241	0.0020	mg/Kg wet	0.0200		120		70-130	4.50	20	
Trichlorofluoromethane (Freon 11)	0.0214	0.010	mg/Kg wet	0.0200		107		70-130	5.17	20	
1,2,3-Trichloropropane	0.0197	0.0020	mg/Kg wet	0.0200		98.3		70-130	2.16	20	
1,2,4-Trimethylbenzene	0.0213	0.0020	mg/Kg wet	0.0200		106		70-130	1.61	20	
1,3,5-Trimethylbenzene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130	0.179	20	
Vinyl Chloride	0.0166	0.010	mg/Kg wet	0.0200		82.8		70-130	3.82	20	
m+p Xylene	0.0491	0.0040	mg/Kg wet	0.0400		123		70-130	1.93	20	
o-Xylene	0.0244	0.0020	mg/Kg wet	0.0200		122		70-130	1.07	20	
Surrogate: 1,2-Dichloroethane-d4	*0.0447*		mg/Kg wet	0.0500		89.5		70-130			
Surrogate: Toluene-d8	*0.0510*		mg/Kg wet	0.0500		102		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0464*		mg/Kg wet	0.0500		92.8		70-130			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B051888 - SW-846 3546											
Blank (B051888-BLK1)				Prepared: 05/21/12 Analyzed: 05/22/12							
Aroclor-1016	ND	0.10	mg/Kg wet								
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1221	ND	0.10	mg/Kg wet								
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1232	ND	0.10	mg/Kg wet								
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1242	ND	0.10	mg/Kg wet								
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1248	ND	0.10	mg/Kg wet								
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1254	ND	0.10	mg/Kg wet								
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1260	ND	0.10	mg/Kg wet								
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1262	ND	0.10	mg/Kg wet								
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1268	ND	0.10	mg/Kg wet								
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet								
Surrogate: Decachlorobiphenyl	*0.226*		mg/Kg wet	0.200		113		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.236*		mg/Kg wet	0.200		118		30-150			
Surrogate: Tetrachloro-m-xylene	*0.273*		mg/Kg wet	0.200		136		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.287*		mg/Kg wet	0.200		143		30-150			
LCS (B051888-BS1)				Prepared: 05/21/12 Analyzed: 05/22/12							
Aroclor-1016	0.28	0.10	mg/Kg wet	0.200		139		40-140			
Aroclor-1016 [2C]	0.30	0.10	mg/Kg wet	0.200		**152**	*	40-140			L-07
Aroclor-1260	0.28	0.10	mg/Kg wet	0.200		**141**	*	40-140			L-07
Aroclor-1260 [2C]	0.26	0.10	mg/Kg wet	0.200		132		40-140			
Surrogate: Decachlorobiphenyl	*0.244*		mg/Kg wet	0.200		122		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.242*		mg/Kg wet	0.200		121		30-150			
Surrogate: Tetrachloro-m-xylene	*0.280*		mg/Kg wet	0.200		140		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.296*		mg/Kg wet	0.200		148		30-150			
LCS Dup (B051888-BSD1)				Prepared: 05/21/12 Analyzed: 05/22/12							
Aroclor-1016	0.21	0.10	mg/Kg wet	0.200		103		40-140	29.8	30	
Aroclor-1016 [2C]	0.23	0.10	mg/Kg wet	0.200		115		40-140	27.6	30	
Aroclor-1260	0.21	0.10	mg/Kg wet	0.200		105		40-140	29.0	30	
Aroclor-1260 [2C]	0.21	0.10	mg/Kg wet	0.200		103		40-140	24.4	30	
Surrogate: Decachlorobiphenyl	*0.187*		mg/Kg wet	0.200		93.3		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.186*		mg/Kg wet	0.200		93.2		30-150			
Surrogate: Tetrachloro-m-xylene	*0.216*		mg/Kg wet	0.200		108		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.226*		mg/Kg wet	0.200		113		30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B051889 - SW-846 3546										
Blank (B051889-BLK1)				Prepared & Analyzed: 05/21/12						
TPH C9-C36 Hydrocarbons as Diesel	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	*2.75*		mg/Kg wet	3.33		82.4	40-140			
LCS (B051889-BS1)				Prepared & Analyzed: 05/21/12						
TPH C9-C36 Hydrocarbons as Diesel	27.9	8.3	mg/Kg wet	33.3		83.7	40-140			
Surrogate: o-Terphenyl	*3.11*		mg/Kg wet	3.33		93.2	40-140			
LCS Dup (B051889-BSD1)				Prepared & Analyzed: 05/21/12						
TPH C9-C36 Hydrocarbons as Diesel	26.8	8.3	mg/Kg wet	33.3		80.4	40-140	3.92	30	
Surrogate: o-Terphenyl	*2.90*		mg/Kg wet	3.33		87.0	40-140			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B051705 - SW-846 7471											
Blank (B051705-BLK1)				Prepared & Analyzed: 05/17/12							
Mercury	ND	0.025	mg/Kg wet								
LCS (B051705-BS1)				Prepared & Analyzed: 05/17/12							
Mercury	3.89	0.33	mg/Kg wet	3.73		104		66-132			
LCS Dup (B051705-BSD1)				Prepared & Analyzed: 05/17/12							
Mercury	3.70	0.33	mg/Kg wet	3.73		99.1		66-132	4.97	30	
Batch B051785 - SW-846 3050B											
Blank (B051785-BLK1)				Prepared & Analyzed: 05/18/12							
Arsenic	ND	2.5	mg/Kg wet								
Cadmium	ND	0.25	mg/Kg wet								
Chromium	ND	0.50	mg/Kg wet								
Lead	ND	0.75	mg/Kg wet								
LCS (B051785-BS1)				Prepared & Analyzed: 05/18/12							
Arsenic	99.7	5.0	mg/Kg wet	94.5		106		83.2-117.5			
Cadmium	65.1	0.50	mg/Kg wet	60.5		108		83.1-116.9			
Chromium	74.9	0.99	mg/Kg wet	70.4		106		81.8-118.2			
Lead	94.9	1.5	mg/Kg wet	91.8		103		70.7-129			
LCS (B051785-BS2)				Prepared & Analyzed: 05/18/12							
Lead	1.26	0.74	mg/Kg wet	0.735		**172**	*	80-120			M-10
LCS Dup (B051785-BSD1)				Prepared & Analyzed: 05/18/12							
Arsenic	104	5.0	mg/Kg wet	94.5		110		83.2-117.5	4.29	30	
Cadmium	69.0	0.50	mg/Kg wet	60.5		114		83.1-116.9	5.85	30	
Chromium	79.0	1.0	mg/Kg wet	70.4		112		81.8-118.2	5.32	30	
Lead	96.5	1.5	mg/Kg wet	91.8		105		70.7-129	1.62	30	

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B051680 - SW-846 9014										
Blank (B051680-BLK1)				Prepared: 05/16/12 Analyzed: 05/17/12						
Reactive Cyanide	ND	0.40	mg/Kg							
LCS (B051680-BS1)				Prepared: 05/16/12 Analyzed: 05/17/12						
Reactive Cyanide	9.4	0.40	mg/Kg	10.0		93.9	80.1-115			
Batch B051684 - SW-846 9030A										
Blank (B051684-BLK1)				Prepared & Analyzed: 05/16/12						
Reactive Sulfide	ND	2.0	mg/Kg							
LCS (B051684-BS1)				Prepared & Analyzed: 05/16/12						
Reactive Sulfide	12	2.0	mg/Kg	14.8		83.8	32.9-140			
Batch B051686 - SW-846 9045C										
LCS (B051686-BS1)				Prepared & Analyzed: 05/16/12						
pH	6.04		pH Units	6.00		101	93.7-106			
Batch B051751 - SW-846 1010										
Blank (B051751-BLK1)				Prepared & Analyzed: 05/17/12						
Flashpoint	> 212 °F		°F							
LCS (B051751-BS1)				Prepared & Analyzed: 05/17/12						
Flashpoint	81		°F	81.0		99.8	98.8-101			
LCS Dup (B051751-BSD1)				Prepared & Analyzed: 05/17/12						
Flashpoint	81		°F	81.0		99.6	98.8-101	0.124	1.61	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
H-03	Sample received after recommended holding time was exceeded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-14	Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.
M-10	The reporting limit verification for the AIHA lead program is outside of control limits for this element. Any reported result at or near the detection limit may be biased on the high side.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 1010 in Soil	
Flashpoint	NY,NC,ME
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Acetone	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromobenzene	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
1,3-Dichloropropane	NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
2,2-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
Naphthalene	NH,NY,ME
Styrene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,3-Trichlorobenzene	ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,3,5-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
SW-846 9014 in Soil	
Reactive Cyanide	NY,CT,NH
SW-846 9030A in Soil	
Reactive Sulfide	CT,NY,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
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CHAIN OF CUSTODY RECORD

12E0582

Page 1 of 1

Company Name: Resource Controls
Address: 474 Broadway
Pawtucket, RI
Attention: Danielle Eastman
Project Location: NuBrite - 10 1st Street Taunton, MA
Sampled By: CCP & DB

Telephone: 401-728-6860
Project # 6878 - 107
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ◉ WEBSITE
Fax #
Email: deastman@resourcecontrols.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Soil Disposal Package										
								3	2	2								# of Containers
								I	M	B								** Preservation
								A	V	V								***Container Code
01	B-334 Disposal	5/10/12	8:30	x		S	u	✓										

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 5/15/12 11:00
Received by: (signature)	Date/Time: 5/15/12 1:02
Relinquished by: (signature)	Date/Time: 5/15/12 20:46
Received by: (signature) 2.82	Date/Time: 5/15/12 20:40

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other Standard
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: S-1
Connecticut:
Other:

Is your project MCP or RCP ?
◉ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

AIHA LAP, LLC ACCREDITED LABORATORY
ACCREDITED IN ACCORDANCE WITH nelac
NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

†† TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

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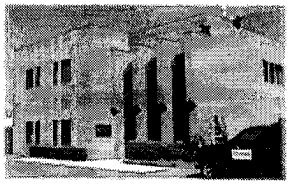

Sample Receipt Checklist

CLIENT NAME: Resource Controls **RECEIVED BY:** C.C.S. **DATE:** 5/15/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No **No CoC Included**

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.8°C

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No N/A _____

9) Do all samples have the proper Base pH: Yes No N/A _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	3	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	4	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 2

Bisulfate 2 # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 12E0582
Project Location: NuBrite - 10 1st Street, Taunton, MA	RTN:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

12E0582-01

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A (X)	7470/7471 Hg CAM IIIB (X)	MassDEP VPH CAM IV A ( )	8081 Pesticides CAM V B ( )	7196 Hex Cr CAM VI B ( )	MassDEP APH CAM IX A ( )
8270 SVOC CAM II B ( )	7010 Metals CAM III C ( )	MassDEP EPH CAM IV A ( )	8151 Herbicides CAM V C ( )	8330 Explosives CAM VIII A ( )	TO-15 VOC CAM IX B ( )
6010 Metals CAM III A (X)	6020 Metals CAM III D ( )	8082 PCB CAM V A (X)	9014 Total Cyanide/PAC CAM VI A ( )	6860 Perchlorate CAM VIII B ( )	

Affirmative response to Questions A throughF is required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☑ Yes	☐ No[1]
B	Were the analytical method(s) and all associated QC requirements specificed in the selected CAM protocol(s) followed?	☑ Yes	☐ No[1]
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☑ Yes	☐ No[1]
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidlines for the Acquisition and Reporting of Analytical Data?	☑ Yes	☐ No[1]
E a	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	☐ Yes	☐ No[1]
E b	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes	☐ No[1]
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Qestions A through E)?	☑ Yes	☐ No[1]

A response to questions G, H and I below is required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☑ Yes	☐ No[1]

***Data User Note:* Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**

H	Were all QC perfomance standards specified in the CAM protocol(s) achieved?	☐ Yes	☑ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☐ Yes	☑ No[1]

[1] *All Negative responses must be addressed in an attached Environmental Laboratory case narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: M Erickson Position: Laboratory Director

Printed Name: Michael A. Erickson Date: 05/22/12

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May 23, 2012

Danielle Eastman
Resource Control Associates - RI
474 Broadway
Pawtucket, RI 02860

Project Location: NuBrite-10 1st Street, Taunton, MA
Client Job Number:
Project Number: A6878-170
Laboratory Work Order Number: 12E0598

Enclosed are results of analyses for samples received by the laboratory on May 15, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa A. Worthington
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Resource Control Associates - RI
474 Broadway
Pawtucket, RI 02860
ATTN: Danielle Eastman

REPORT DATE: 5/23/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: A6878-170

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12E0598

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: NuBrite-10 1st Street, Taunton, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B-401 (1.5ft)	12E0598-01	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-402 (1.5ft)	12E0598-02	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-403 (5.2ft)	12E0598-03	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-404 (7.6ft)	12E0598-04	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-405 (5.75ft)	12E0598-05	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-406 (6ft)	12E0598-06	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-407 (7ft)	12E0598-07	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-408 (7.6ft)	12E0598-08	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-409 (7.7ft)	12E0598-09	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-410 (7.5ft)	12E0598-10	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-411 (6ft)	12E0598-11	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-412 (6.5ft)	12E0598-12	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-413 (5.5ft)	12E0598-13	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-414 (5.5ft)	12E0598-14	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-415 (5.9ft)	12E0598-15	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-416 (2ft)	12E0598-16	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-417 (1ft)	12E0598-17	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-418 (5.5ft)	12E0598-18	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-419 (6ft)	12E0598-19	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	
B-420 (5.5ft)	12E0598-20	Soil	Boring	MADEP-VPH-04-1.1 SM 2540G	

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Resource Control Associates - RI
474 Broadway
Pawtucket, RI 02860
ATTN: Danielle Eastman

REPORT DATE: 5/23/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: A6878-170

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12E0598

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: NuBrite-10 1st Street, Taunton, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
B-421 (6.8ft)	12E0598-21	Soil	Boring	MADEP-VPH-04-1.1	
				SM 2540G	
DUP	12E0598-22	Soil		MADEP-VPH-04-1.1	
				SM 2540G	
DUP-1	12E0598-23	Soil		MADEP-VPH-04-1.1	
				SM 2540G	
B-401 (0.2ft)	12E0598-24	Soil	Boring	SM 2540G	
				SW-846 6010C	
B-403 (0-2ft)	12E0598-25	Soil	Boring	SM 2540G	
				SW-846 6010C	
B-405 (0-2ft)	12E0598-26	Soil	Boring	SM 2540G	
				SW-846 6010C	
B-410 (0.5-2ft)	12E0598-27	Soil	Boring	SM 2540G	
				SW-846 6010C	
B-414 (5-6.5ft)	12E0598-28	Soil	Boring	SM 2540G	
				SW-846 6010C	
B-417 (5-6.5ft)	12E0598-29	Soil	Boring	SM 2540G	
				SW-846 6010C	
B-418 (0-2ft)	12E0598-30	Soil	Boring	SM 2540G	
				SW-846 6010C	
DUP-2	12E0598-31	Soil		SM 2540G	
				SW-846 6010C	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 6010, only As, Ba, Pb, Co and Fe results were requested and reported.

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MADEP-VPH-04-1.1

Qualifications:

Soil/methanol ratio does not meet method specifications. Excess amount of soil. Sample was completely covered with methanol, but with less than the method-specified amount.

Analyte & Samples(s) Qualified:

12E0598-08[B-408 (7.6ft)], 12E0598-12[B-412 (6.5ft)]

Elevated reporting limit due to high concentration of target compounds. MA CAM reporting limit not met.

Analyte & Samples(s) Qualified:

Benzene, Ethylbenzene, m+p Xylene, Methyl tert-Butyl Ether (MTBE), Naphthalene, Toluene

12E0598-10[B-410 (7.5ft)], 12E0598-11[B-411 (6ft)], 12E0598-12[B-412 (6.5ft)], 12E0598-13[B-413 (5.5ft)], 12E0598-14[B-414 (5.5ft)], 12E0598-15[B-415 (5.9ft)], 12E0598-19[B-419 (6ft)], 12E0598-20[B-420 (5.5ft)], 12E0598-21[B-421 (6.8ft)], 12E0598-22[DUP], 12E0598-18[B-418 (5.5ft)]

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

2,5-Dibromotoluene (FID), 2,5-Dibromotoluene (PID)

12E0598-10[B-410 (7.5ft)], 12E0598-10RE1[B-410 (7.5ft)], 12E0598-12[B-412 (6.5ft)], 12E0598-13[B-413 (5.5ft)], 12E0598-13RE1[B-413 (5.5ft)], 12E0598-14RE1[B-414 (5.5ft)], 12E0598-15RE1[B-415 (5.9ft)], 12E0598-20[B-420 (5.5ft)], 12E0598-20RE1[B-420 (5.5ft)]

Surrogate recovery is outside of control limits. Data validation is not affected since all results are less than the reporting limit and bias is on the high side.

Analyte & Samples(s) Qualified:

2,5-Dibromotoluene (FID), 2,5-Dibromotoluene (PID)

12E0598-05[B-405 (5.75ft)]

SW-846 6010C

Qualifications:

Result is serial dilution as per MA CAM/ CT RCP regulation.

Analyte & Samples(s) Qualified:

B051801-DUP2, B052024-DUP2

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

Lead

12E0598-29RE1[B-417 (5-6.5ft)], B052024-MS1, B052024-MSD1

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Iron

12E0598-29[B-417 (5-6.5ft)], B051801-MS1, B051801-MSD1

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

Barium

B051801-MSD1

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MADEP-VPH-04-1.1

No significant modifications were made to the method. All VPH samples were received preserved properly in methanol with a soil/methanol ratio of 1:1 +/- 25% completely covered by methanol in the proper containers specified on the chain-of-custody form unless specified in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-401 (1.5ft) Sampled: 5/11/2012 09:00

Sample ID: 12E0598-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 1.09

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 13:27	EEH
C5-C8 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 13:27	EEH
Unadjusted C9-C12 Aliphatics	63	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 13:27	EEH
C9-C12 Aliphatics	24	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 13:27	EEH
C9-C10 Aromatics	39	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 13:27	EEH
Benzene	ND	0.056	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 13:27	EEH
Ethylbenzene	ND	0.056	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 13:27	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.056	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 13:27	EEH
Naphthalene	ND	0.28	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 13:27	EEH
Toluene	1.8	0.056	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 13:27	EEH
m+p Xylene	ND	0.11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 13:27	EEH
o-Xylene	0.089	0.056	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 13:27	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	107	70-130		5/17/12 13:27
2,5-Dibromotoluene (PID)	104	70-130		5/17/12 13:27

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-401 (1.5ft) Sampled: 5/11/2012 09:00

Sample ID: 12E0598-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.5		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-402 (1.5ft) Sampled: 5/11/2012 09:40

Sample ID: 12E0598-02

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 1.01

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	14	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:04	EEH
C5-C8 Aliphatics	ND	14	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:04	EEH
Unadjusted C9-C12 Aliphatics	ND	14	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:04	EEH
C9-C12 Aliphatics	ND	14	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:04	EEH
C9-C10 Aromatics	ND	14	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:04	EEH
Benzene	ND	0.071	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:04	EEH
Ethylbenzene	ND	0.071	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:04	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.071	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:04	EEH
Naphthalene	ND	0.36	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:04	EEH
Toluene	ND	0.071	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:04	EEH
m+p Xylene	ND	0.14	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:04	EEH
o-Xylene	ND	0.071	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:04	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	101	70-130		5/17/12 14:04
2,5-Dibromotoluene (PID)	97.3	70-130		5/17/12 14:04

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-402 (1.5ft) Sampled: 5/11/2012 09:40

Sample ID: 12E0598-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.2		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-403 (5.2ft) Sampled: 5/11/2012 09:30

Sample ID: 12E0598-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 1.13

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	9.8	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:42	EEH
C5-C8 Aliphatics	ND	9.8	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:42	EEH
Unadjusted C9-C12 Aliphatics	28	9.8	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:42	EEH
C9-C12 Aliphatics	13	9.8	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:42	EEH
C9-C10 Aromatics	13	9.8	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:42	EEH
Benzene	ND	0.049	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:42	EEH
Ethylbenzene	0.12	0.049	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:42	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.049	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:42	EEH
Naphthalene	ND	0.25	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:42	EEH
Toluene	ND	0.049	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:42	EEH
m+p Xylene	1.0	0.098	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:42	EEH
o-Xylene	0.28	0.049	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 14:42	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	97.7	70-130		5/17/12 14:42
2,5-Dibromotoluene (PID)	93.1	70-130		5/17/12 14:42

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-403 (5.2ft) Sampled: 5/11/2012 09:30

Sample ID: 12E0598-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.4		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-404 (7.6ft) Sampled: 5/11/2012 10:03

Sample ID: 12E0598-04

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 1.15

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:20	EEH
C5-C8 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:20	EEH
Unadjusted C9-C12 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:20	EEH
C9-C12 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:20	EEH
C9-C10 Aromatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:20	EEH
Benzene	ND	0.060	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:20	EEH
Ethylbenzene	ND	0.060	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:20	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.060	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:20	EEH
Naphthalene	ND	0.30	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:20	EEH
Toluene	ND	0.060	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:20	EEH
m+p Xylene	ND	0.12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:20	EEH
o-Xylene	ND	0.060	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:20	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	123	70-130		5/17/12 15:20
2,5-Dibromotoluene (PID)	117	70-130		5/17/12 15:20

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-404 (7.6ft) Sampled: 5/11/2012 10:03

Sample ID: 12E0598-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.5		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-405 (5.75ft) Sampled: 5/11/2012 08:15

Sample ID: 12E0598-05

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 1.11

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:57	EEH
C5-C8 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:57	EEH
Unadjusted C9-C12 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:57	EEH
C9-C12 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:57	EEH
C9-C10 Aromatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:57	EEH
Benzene	ND	0.054	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:57	EEH
Ethylbenzene	ND	0.054	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:57	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.054	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:57	EEH
Naphthalene	ND	0.27	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:57	EEH
Toluene	ND	0.054	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:57	EEH
m+p Xylene	ND	0.11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:57	EEH
o-Xylene	ND	0.054	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 15:57	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	**136** *	70-130	S-17	5/17/12 15:57
2,5-Dibromotoluene (PID)	130	70-130	S-17	5/17/12 15:57

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-405 (5.75ft) Sampled: 5/11/2012 08:15

Sample ID: 12E0598-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.8		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-406 (6ft) Sampled: 5/11/2012 08:40

Sample ID: 12E0598-06

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 0.95

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	15	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 16:34	EEH
C5-C8 Aliphatics	ND	15	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 16:34	EEH
Unadjusted C9-C12 Aliphatics	ND	15	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 16:34	EEH
C9-C12 Aliphatics	ND	15	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 16:34	EEH
C9-C10 Aromatics	ND	15	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 16:34	EEH
Benzene	ND	0.075	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 16:34	EEH
Ethylbenzene	ND	0.075	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 16:34	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.075	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 16:34	EEH
Naphthalene	ND	0.37	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 16:34	EEH
Toluene	ND	0.075	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 16:34	EEH
m+p Xylene	ND	0.15	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 16:34	EEH
o-Xylene	ND	0.075	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/17/12 16:34	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	114	70-130		5/17/12 16:34
2,5-Dibromotoluene (PID)	110	70-130		5/17/12 16:34

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-406 (6ft) Sampled: 5/11/2012 08:40

Sample ID: 12E0598-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.5		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-407 (7ft) Sampled: 5/10/2012 15:15

Sample ID: 12E0598-07

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 1.08

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:01	EEH
C5-C8 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:01	EEH
Unadjusted C9-C12 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:01	EEH
C9-C12 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:01	EEH
C9-C10 Aromatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:01	EEH
Benzene	ND	0.054	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:01	EEH
Ethylbenzene	ND	0.054	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:01	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.054	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:01	EEH
Naphthalene	ND	0.27	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:01	EEH
Toluene	ND	0.054	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:01	EEH
m+p Xylene	ND	0.11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:01	EEH
o-Xylene	ND	0.054	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:01	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	119	70-130		5/18/12 10:01
2,5-Dibromotoluene (PID)	114	70-130		5/18/12 10:01

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-407 (7ft) Sampled: 5/10/2012 15:15

Sample ID: 12E0598-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.6		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-408 (7.6ft) Sampled: 5/10/2012 10:50

Sample ID: 12E0598-08

Sample Matrix: Soil

Sample Flags: O-01

Soil/Methanol Preservation Ratio: 1.29

Petroleum Hydrocarbons Analyses - VPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	8.9	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:38	EEH
C5-C8 Aliphatics	ND	8.9	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:38	EEH
Unadjusted C9-C12 Aliphatics	ND	8.9	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:38	EEH
C9-C12 Aliphatics	ND	8.9	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:38	EEH
C9-C10 Aromatics	ND	8.9	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:38	EEH
Benzene	ND	0.045	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:38	EEH
Ethylbenzene	ND	0.045	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:38	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.045	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:38	EEH
Naphthalene	ND	0.22	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:38	EEH
Toluene	ND	0.045	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:38	EEH
m+p Xylene	ND	0.089	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:38	EEH
o-Xylene	ND	0.045	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 10:38	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	120	70-130		5/18/12 10:38
2,5-Dibromotoluene (PID)	114	70-130		5/18/12 10:38

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-408 (7.6ft) Sampled: 5/10/2012 10:50

Sample ID: 12E0598-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.9		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-409 (7.7ft) Sampled: 5/10/2012 09:45

Sample ID: 12E0598-09

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 1.17

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:16	EEH
C5-C8 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:16	EEH
Unadjusted C9-C12 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:16	EEH
C9-C12 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:16	EEH
C9-C10 Aromatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:16	EEH
Benzene	ND	0.062	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:16	EEH
Ethylbenzene	ND	0.062	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:16	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.062	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:16	EEH
Naphthalene	ND	0.31	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:16	EEH
Toluene	ND	0.062	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:16	EEH
m+p Xylene	ND	0.12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:16	EEH
o-Xylene	ND	0.062	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:16	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	127	70-130		5/18/12 11:16
2,5-Dibromotoluene (PID)	123	70-130		5/18/12 11:16

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-409 (7.7ft) Sampled: 5/10/2012 09:45

Sample ID: 12E0598-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.6		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-410 (7.5ft) Sampled: 5/10/2012 12:50

Sample ID: 12E0598-10

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 1.17

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	450	260	mg/Kg dry	25		MADEP-VPH-04-1.1	5/17/12	5/18/12 2:05	EEH
C5-C8 Aliphatics	450	260	mg/Kg dry	25		MADEP-VPH-04-1.1	5/17/12	5/18/12 2:05	EEH
Unadjusted C9-C12 Aliphatics	3200	260	mg/Kg dry	25		MADEP-VPH-04-1.1	5/17/12	5/18/12 2:05	EEH
C9-C12 Aliphatics	1100	260	mg/Kg dry	25		MADEP-VPH-04-1.1	5/21/12	5/21/12 19:51	EEH
C9-C10 Aromatics	1800	1000	mg/Kg dry	100		MADEP-VPH-04-1.1	5/21/12	5/21/12 19:51	EEH
Benzene	ND	1.3	mg/Kg dry	25	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 2:05	EEH
Ethylbenzene	110	1.3	mg/Kg dry	25		MADEP-VPH-04-1.1	5/17/12	5/18/12 2:05	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.3	mg/Kg dry	25	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 2:05	EEH
Naphthalene	70	6.5	mg/Kg dry	25		MADEP-VPH-04-1.1	5/17/12	5/18/12 2:05	EEH
Toluene	ND	1.3	mg/Kg dry	25	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 2:05	EEH
m+p Xylene	210	2.6	mg/Kg dry	25		MADEP-VPH-04-1.1	5/17/12	5/18/12 2:05	EEH
o-Xylene	53	1.3	mg/Kg dry	25		MADEP-VPH-04-1.1	5/17/12	5/18/12 2:05	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	*	70-130	S-01	5/18/12 2:05
2,5-Dibromotoluene (FID)	*	70-130	S-01	5/21/12 19:51
2,5-Dibromotoluene (PID)	*	70-130	S-01	5/18/12 2:05
2,5-Dibromotoluene (PID)	*	70-130	S-01	5/21/12 19:51

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-410 (7.5ft) Sampled: 5/10/2012 12:50

Sample ID: 12E0598-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.7		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-411 (6ft) Sampled: 5/10/2012 11:55

Sample ID: 12E0598-11

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 1.12

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	620	110	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 20:58	EEH
C5-C8 Aliphatics	610	110	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 20:58	EEH
Unadjusted C9-C12 Aliphatics	320	110	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 20:58	EEH
C9-C12 Aliphatics	170	110	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 20:58	EEH
C9-C10 Aromatics	140	110	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 20:58	EEH
Benzene	ND	0.55	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/17/12 20:58	EEH
Ethylbenzene	2.0	0.55	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 20:58	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.55	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/17/12 20:58	EEH
Naphthalene	ND	2.8	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/17/12 20:58	EEH
Toluene	3.1	0.55	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 20:58	EEH
m+p Xylene	4.2	1.1	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 20:58	EEH
o-Xylene	2.6	0.55	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 20:58	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	120	70-130		5/17/12 20:58
2,5-Dibromotoluene (PID)	120	70-130		5/17/12 20:58

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-411 (6ft) Sampled: 5/10/2012 11:55

Sample ID: 12E0598-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.1		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-412 (6.5ft) Sampled: 5/10/2012 12:25

Sample ID: 12E0598-12

Sample Matrix: Soil

Sample Flags: O-01

Soil/Methanol Preservation Ratio: 1.32

Petroleum Hydrocarbons Analyses - VPH

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	300	220	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 2:44	EEH
C5-C8 Aliphatics	300	220	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 2:44	EEH
Unadjusted C9-C12 Aliphatics	1600	220	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 2:44	EEH
C9-C12 Aliphatics	610	220	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 2:44	EEH
C9-C10 Aromatics	960	220	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 2:44	EEH
Benzene	ND	1.1	mg/Kg dry	20	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 2:44	EEH
Ethylbenzene	3.1	1.1	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 2:44	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.1	mg/Kg dry	20	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 2:44	EEH
Naphthalene	9.4	5.4	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 2:44	EEH
Toluene	ND	1.1	mg/Kg dry	20	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 2:44	EEH
m+p Xylene	3.7	2.2	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 2:44	EEH
o-Xylene	4.2	1.1	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 2:44	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	*	70-130	S-01	5/18/12 2:44
2,5-Dibromotoluene (PID)	*	70-130	S-01	5/18/12 2:44

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-412 (6.5ft) Sampled: 5/10/2012 12:25

Sample ID: 12E0598-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.7		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-413 (5.5ft) Sampled: 5/10/2012 14:25

Sample ID: 12E0598-13

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 1.19

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	390	210	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 3:23	EEH
C5-C8 Aliphatics	390	210	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 3:23	EEH
Unadjusted C9-C12 Aliphatics	3000	210	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 3:23	EEH
C9-C12 Aliphatics	1400	210	mg/Kg dry	20		MADEP-VPH-04-1.1	5/21/12	5/21/12 20:29	EEH
C9-C10 Aromatics	1600	1100	mg/Kg dry	100		MADEP-VPH-04-1.1	5/21/12	5/21/12 20:29	EEH
Benzene	ND	1.1	mg/Kg dry	20	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 3:23	EEH
Ethylbenzene	7.9	1.1	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 3:23	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.1	mg/Kg dry	20	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 3:23	EEH
Naphthalene	ND	5.3	mg/Kg dry	20	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 3:23	EEH
Toluene	ND	1.1	mg/Kg dry	20	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 3:23	EEH
m+p Xylene	5.3	2.1	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 3:23	EEH
o-Xylene	14	1.1	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 3:23	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	*	70-130	S-01	5/18/12 3:23
2,5-Dibromotoluene (FID)	*	70-130	S-01	5/21/12 20:29
2,5-Dibromotoluene (PID)	*	70-130	S-01	5/21/12 20:29
2,5-Dibromotoluene (PID)	*	70-130	S-01	5/18/12 3:23

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-413 (5.5ft) Sampled: 5/10/2012 14:25

Sample ID: 12E0598-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.6		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-414 (5.5ft) Sampled: 5/10/2012 13:25

Sample ID: 12E0598-14

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 0.96

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	400	120	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 21:36	EEH
C5-C8 Aliphatics	400	120	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 21:36	EEH
Unadjusted C9-C12 Aliphatics	2600	1200	mg/Kg dry	100		MADEP-VPH-04-1.1	5/21/12	5/21/12 21:08	EEH
C9-C12 Aliphatics	1200	120	mg/Kg dry	10		MADEP-VPH-04-1.1	5/21/12	5/21/12 21:08	EEH
C9-C10 Aromatics	1400	1200	mg/Kg dry	100		MADEP-VPH-04-1.1	5/21/12	5/21/12 21:08	EEH
Benzene	ND	0.60	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/17/12 21:36	EEH
Ethylbenzene	6.1	0.60	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 21:36	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.60	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/17/12 21:36	EEH
Naphthalene	ND	3.0	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/17/12 21:36	EEH
Toluene	ND	0.60	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/17/12 21:36	EEH
m+p Xylene	4.7	1.2	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 21:36	EEH
o-Xylene	19	0.60	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 21:36	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	*	70-130	S-01	5/21/12 21:08
2,5-Dibromotoluene (FID)	111	70-130		5/17/12 21:36
2,5-Dibromotoluene (PID)	*	70-130	S-01	5/21/12 21:08
2,5-Dibromotoluene (PID)	113	70-130		5/17/12 21:36

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-414 (5.5ft) Sampled: 5/10/2012 13:25

Sample ID: 12E0598-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.8		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-415 (5.9ft) Sampled: 5/11/2012 10:35

Sample ID: 12E0598-15

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 0.84

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	2300	160	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 22:15	EEH
C5-C8 Aliphatics	2300	160	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 22:15	EEH
Unadjusted C9-C12 Aliphatics	1800	160	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 22:15	EEH
C9-C12 Aliphatics	770	160	mg/Kg dry	10		MADEP-VPH-04-1.1	5/21/12	5/21/12 21:46	EEH
C9-C10 Aromatics	1000	800	mg/Kg dry	50		MADEP-VPH-04-1.1	5/21/12	5/21/12 21:46	EEH
Benzene	ND	0.80	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/17/12 22:15	EEH
Ethylbenzene	2.5	0.80	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 22:15	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.80	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/17/12 22:15	EEH
Naphthalene	ND	4.0	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/17/12 22:15	EEH
Toluene	ND	0.80	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/17/12 22:15	EEH
m+p Xylene	3.7	1.6	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 22:15	EEH
o-Xylene	6.7	0.80	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 22:15	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	*	70-130	S-01	5/21/12 21:46
2,5-Dibromotoluene (FID)	114	70-130		5/17/12 22:15
2,5-Dibromotoluene (PID)	122	70-130		5/17/12 22:15
2,5-Dibromotoluene (PID)	*	70-130	S-01	5/21/12 21:46

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-415 (5.9ft) Sampled: 5/11/2012 10:35

Sample ID: 12E0598-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.4		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-416 (2ft) Sampled: 5/11/2012 10:05

Sample ID: 12E0598-16

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 1.01

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:53	EEH
C5-C8 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:53	EEH
Unadjusted C9-C12 Aliphatics	15	12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:53	EEH
C9-C12 Aliphatics	15	12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:53	EEH
C9-C10 Aromatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:53	EEH
Benzene	ND	0.058	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:53	EEH
Ethylbenzene	ND	0.058	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:53	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.058	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:53	EEH
Naphthalene	ND	0.29	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:53	EEH
Toluene	0.38	0.058	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:53	EEH
m+p Xylene	ND	0.12	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:53	EEH
o-Xylene	ND	0.058	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 11:53	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	103	70-130		5/18/12 11:53
2,5-Dibromotoluene (PID)	96.6	70-130		5/18/12 11:53

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-416 (2ft) Sampled: 5/11/2012 10:05

Sample ID: 12E0598-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.0		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-417 (1ft) Sampled: 5/10/2012 15:40

Sample ID: 12E0598-17

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 1.11

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 12:30	EEH
C5-C8 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 12:30	EEH
Unadjusted C9-C12 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 12:30	EEH
C9-C12 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 12:30	EEH
C9-C10 Aromatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 12:30	EEH
Benzene	ND	0.055	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 12:30	EEH
Ethylbenzene	ND	0.055	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 12:30	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.055	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 12:30	EEH
Naphthalene	ND	0.28	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 12:30	EEH
Toluene	ND	0.055	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 12:30	EEH
m+p Xylene	ND	0.11	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 12:30	EEH
o-Xylene	ND	0.055	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 12:30	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	101	70-130		5/18/12 12:30
2,5-Dibromotoluene (PID)	98.4	70-130		5/18/12 12:30

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-417 (1ft) Sampled: 5/10/2012 15:40

Sample ID: 12E0598-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.7		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-418 (5.5ft) Sampled: 5/11/2012 12:00

Sample ID: 12E0598-18

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 0.86

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	170	90	mg/Kg dry	5		MADEP-VPH-04-1.1	5/21/12	5/21/12 22:24	EEH
C5-C8 Aliphatics	170	90	mg/Kg dry	5		MADEP-VPH-04-1.1	5/21/12	5/21/12 22:24	EEH
Unadjusted C9-C12 Aliphatics	440	90	mg/Kg dry	5		MADEP-VPH-04-1.1	5/21/12	5/21/12 22:24	EEH
C9-C12 Aliphatics	180	90	mg/Kg dry	5		MADEP-VPH-04-1.1	5/21/12	5/21/12 22:24	EEH
C9-C10 Aromatics	260	90	mg/Kg dry	5		MADEP-VPH-04-1.1	5/21/12	5/21/12 22:24	EEH
Benzene	ND	0.45	mg/Kg dry	5		MADEP-VPH-04-1.1	5/21/12	5/21/12 22:24	EEH
Ethylbenzene	0.74	0.45	mg/Kg dry	5		MADEP-VPH-04-1.1	5/21/12	5/21/12 22:24	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.45	mg/Kg dry	5		MADEP-VPH-04-1.1	5/21/12	5/21/12 22:24	EEH
Naphthalene	ND	2.3	mg/Kg dry	5	RL-05	MADEP-VPH-04-1.1	5/21/12	5/21/12 22:24	EEH
Toluene	ND	0.45	mg/Kg dry	5		MADEP-VPH-04-1.1	5/21/12	5/21/12 22:24	EEH
m+p Xylene	1.6	0.90	mg/Kg dry	5		MADEP-VPH-04-1.1	5/21/12	5/21/12 22:24	EEH
o-Xylene	1.5	0.45	mg/Kg dry	5		MADEP-VPH-04-1.1	5/21/12	5/21/12 22:24	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	112	70-130		5/21/12 22:24
2,5-Dibromotoluene (PID)	119	70-130		5/21/12 22:24

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-418 (5.5ft) Sampled: 5/11/2012 12:00

Sample ID: 12E0598-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.5		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-419 (6ft) Sampled: 5/10/2012 09:10

Sample ID: 12E0598-19

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 0.96

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	450	160	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 23:33	EEH
C5-C8 Aliphatics	450	160	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 23:33	EEH
Unadjusted C9-C12 Aliphatics	610	160	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 23:33	EEH
C9-C12 Aliphatics	300	160	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 23:33	EEH
C9-C10 Aromatics	310	160	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 23:33	EEH
Benzene	ND	0.82	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/17/12 23:33	EEH
Ethylbenzene	ND	0.82	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/17/12 23:33	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.82	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/17/12 23:33	EEH
Naphthalene	ND	4.1	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/17/12 23:33	EEH
Toluene	ND	0.82	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/17/12 23:33	EEH
m+p Xylene	ND	1.6	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/17/12 23:33	EEH
o-Xylene	1.8	0.82	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/17/12 23:33	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	119	70-130		5/17/12 23:33
2,5-Dibromotoluene (PID)	129	70-130		5/17/12 23:33

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-419 (6ft) Sampled: 5/10/2012 09:10

Sample ID: 12E0598-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.7		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-420 (5.5ft) Sampled: 5/11/2012 11:10

Sample ID: 12E0598-20

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 1.12

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	750	260	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 4:03	EEH
C5-C8 Aliphatics	750	260	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 4:03	EEH
Unadjusted C9-C12 Aliphatics	4200	1300	mg/Kg dry	100		MADEP-VPH-04-1.1	5/21/12	5/21/12 23:01	EEH
C9-C12 Aliphatics	1900	260	mg/Kg dry	20		MADEP-VPH-04-1.1	5/21/12	5/21/12 23:01	EEH
C9-C10 Aromatics	2300	1300	mg/Kg dry	100		MADEP-VPH-04-1.1	5/21/12	5/21/12 23:01	EEH
Benzene	ND	1.3	mg/Kg dry	20	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 4:03	EEH
Ethylbenzene	13	1.3	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 4:03	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.3	mg/Kg dry	20	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 4:03	EEH
Naphthalene	ND	6.4	mg/Kg dry	20	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 4:03	EEH
Toluene	ND	1.3	mg/Kg dry	20	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 4:03	EEH
m+p Xylene	7.4	2.6	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 4:03	EEH
o-Xylene	29	1.3	mg/Kg dry	20		MADEP-VPH-04-1.1	5/17/12	5/18/12 4:03	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	*	70-130	S-01	5/18/12 4:03
2,5-Dibromotoluene (FID)	*	70-130	S-01	5/21/12 23:01
2,5-Dibromotoluene (PID)	*	70-130	S-01	5/18/12 4:03
2,5-Dibromotoluene (PID)	*	70-130	S-01	5/21/12 23:01

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-420 (5.5ft) Sampled: 5/11/2012 11:10

Sample ID: 12E0598-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.2		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

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Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-421 (6.8ft) Sampled: 5/11/2012 11:20

Sample ID: 12E0598-21

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 1.05

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	130	120	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/18/12 0:11	EEH
C5-C8 Aliphatics	130	120	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/18/12 0:11	EEH
Unadjusted C9-C12 Aliphatics	1500	120	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/18/12 0:11	EEH
C9-C12 Aliphatics	280	120	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/18/12 0:11	EEH
C9-C10 Aromatics	520	120	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/18/12 0:11	EEH
Benzene	ND	0.62	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 0:11	EEH
Ethylbenzene	180	0.62	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/18/12 0:11	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.62	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 0:11	EEH
Naphthalene	8.0	3.1	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/18/12 0:11	EEH
Toluene	ND	0.62	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 0:11	EEH
m+p Xylene	510	1.2	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/18/12 0:11	EEH
o-Xylene	29	0.62	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/18/12 0:11	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	120	70-130		5/18/12 0:11
2,5-Dibromotoluene (PID)	107	70-130		5/18/12 0:11

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-421 (6.8ft) Sampled: 5/11/2012 11:20

Sample ID: 12E0598-21

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.5		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: DUP Sampled: 5/10/2012 00:00

Sample ID: 12E0598-22

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 0.91

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	280	120	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/18/12 0:49	EEH
C5-C8 Aliphatics	280	120	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/18/12 0:49	EEH
Unadjusted C9-C12 Aliphatics	380	120	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/18/12 0:49	EEH
C9-C12 Aliphatics	170	120	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/18/12 0:49	EEH
C9-C10 Aromatics	200	120	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/18/12 0:49	EEH
Benzene	ND	0.60	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 0:49	EEH
Ethylbenzene	1.2	0.60	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/18/12 0:49	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.60	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 0:49	EEH
Naphthalene	ND	3.0	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 0:49	EEH
Toluene	ND	0.60	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	5/17/12	5/18/12 0:49	EEH
m+p Xylene	2.3	1.2	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/18/12 0:49	EEH
o-Xylene	1.2	0.60	mg/Kg dry	10		MADEP-VPH-04-1.1	5/17/12	5/18/12 0:49	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	112	70-130		5/18/12 0:49
2,5-Dibromotoluene (PID)	110	70-130		5/18/12 0:49

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: DUP Sampled: 5/10/2012 00:00

Sample ID: 12E0598-22

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.5		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: DUP-1 Sampled: 5/10/2012 00:00

Sample ID: 12E0598-23

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - VPH

Soil/Methanol Preservation Ratio: 1.06

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Unadjusted C5-C8 Aliphatics	ND	14	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 13:08	EEH
C5-C8 Aliphatics	ND	14	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 13:08	EEH
Unadjusted C9-C12 Aliphatics	ND	14	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 13:08	EEH
C9-C12 Aliphatics	ND	14	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 13:08	EEH
C9-C10 Aromatics	ND	14	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 13:08	EEH
Benzene	ND	0.068	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 13:08	EEH
Ethylbenzene	ND	0.068	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 13:08	EEH
Methyl tert-Butyl Ether (MTBE)	ND	0.068	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 13:08	EEH
Naphthalene	ND	0.34	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 13:08	EEH
Toluene	ND	0.068	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 13:08	EEH
m+p Xylene	ND	0.14	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 13:08	EEH
o-Xylene	ND	0.068	mg/Kg dry	1		MADEP-VPH-04-1.1	5/17/12	5/18/12 13:08	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
2,5-Dibromotoluene (FID)	130	70-130		5/18/12 13:08
2,5-Dibromotoluene (PID)	122	70-130		5/18/12 13:08

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: DUP-1 Sampled: 5/10/2012 00:00

Sample ID: 12E0598-23

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.5		% Wt	1		SM 2540G	5/21/12	5/22/12 17:33	WAL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-401 (0.2ft) Sampled: 5/11/2012 09:05

Sample ID: 12E0598-24

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	5.8	2.6	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 19:47	OP
Barium	29	2.6	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 19:47	OP
Cobalt	5.2	2.6	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 19:47	OP
Iron	11000	2.6	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 19:47	OP
Lead	96	0.77	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 19:47	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-401 (0.2ft) Sampled: 5/11/2012 09:05

Sample ID: 12E0598-24

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.7		% Wt	1		SM 2540G	5/21/12	5/22/12 15:43	DGV

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-403 (0-2ft) Sampled: 5/11/2012 09:30

Sample ID: 12E0598-25

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	5.2	2.8	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 19:53	OP
Barium	39	2.8	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 19:53	OP
Cobalt	6.5	2.8	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 19:53	OP
Iron	13000	2.8	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 19:53	OP
Lead	46	0.84	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 19:53	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-403 (0-2ft) Sampled: 5/11/2012 09:30

Sample ID: 12E0598-25

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.3		% Wt	1		SM 2540G	5/21/12	5/22/12 15:43	DGV

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-405 (0-2ft) Sampled: 5/11/2012 08:15

Sample ID: 12E0598-26

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	5.1	2.6	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 19:58	OP
Barium	28	2.6	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 19:58	OP
Cobalt	7.2	2.6	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 19:58	OP
Iron	12000	2.6	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 19:58	OP
Lead	48	0.77	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 19:58	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-405 (0-2ft) Sampled: 5/11/2012 08:15

Sample ID: 12E0598-26

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.5		% Wt	1		SM 2540G	5/21/12	5/22/12 15:43	DGV

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-410 (0.5-2ft) Sampled: 5/10/2012 12:40

Sample ID: 12E0598-27

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.0	2.6	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:04	OP
Barium	36	2.6	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:04	OP
Cobalt	5.8	2.6	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:04	OP
Iron	11000	2.6	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:04	OP
Lead	67	0.79	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:04	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-410 (0.5-2ft) Sampled: 5/10/2012 12:40

Sample ID: 12E0598-27

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.9		% Wt	1		SM 2540G	5/21/12	5/22/12 15:43	DGV

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-414 (5-6.5ft) Sampled: 5/10/2012 13:30

Sample ID: 12E0598-28

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:08	OP
Barium	40	2.7	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:08	OP
Cobalt	6.5	2.7	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:08	OP
Iron	15000	2.7	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:08	OP
Lead	65	0.80	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:08	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-414 (5-6.5ft) Sampled: 5/10/2012 13:30

Sample ID: 12E0598-28

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.5		% Wt	1		SM 2540G	5/21/12	5/22/12 15:43	DGV

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-417 (5-6.5ft) Sampled: 5/10/2012 15:50

Sample ID: 12E0598-29

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 11:48	OP
Barium	97	2.6	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 11:48	OP
Cobalt	7.5	2.6	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 11:48	OP
Iron	13000	2.6	mg/Kg dry	1	MS-19	SW-846 6010C	5/18/12	5/21/12 11:48	OP
Lead	58	0.82	mg/Kg dry	1	MS-07A	SW-846 6010C	5/22/12	5/23/12 10:34	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-417 (5-6.5ft) Sampled: 5/10/2012 15:50

Sample ID: 12E0598-29

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.0		% Wt	1		SM 2540G	5/21/12	5/22/12 15:43	DGV

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-418 (0-2ft) Sampled: 5/11/2012 11:50

Sample ID: 12E0598-30

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	4.8	3.0	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:13	OP
Barium	84	3.0	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:13	OP
Cobalt	5.8	3.0	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:13	OP
Iron	12000	3.0	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:13	OP
Lead	280	0.90	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:13	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Boring Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: B-418 (0-2ft) Sampled: 5/11/2012 11:50

Sample ID: 12E0598-30

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.0		% Wt	1		SM 2540G	5/21/12	5/22/12 15:43	DGV

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: DUP-2 Sampled: 5/10/2012 00:00

Sample ID: 12E0598-31

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.8	2.7	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:43	OP
Barium	31	2.7	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:43	OP
Cobalt	6.0	2.7	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:43	OP
Iron	11000	2.7	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:43	OP
Lead	18	0.82	mg/Kg dry	1		SW-846 6010C	5/18/12	5/21/12 20:43	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NuBrite-10 1st Street, Taunton, M Sample Description: Work Order: 12E0598

Date Received: 5/15/2012

Field Sample #: DUP-2 Sampled: 5/10/2012 00:00

Sample ID: 12E0598-31

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.5		% Wt	1		SM 2540G	5/21/12	5/22/12 15:43	DGV

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Sample Extraction Data

Prep Method: MA VPH-MADEP-VPH-04-1.1

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12E0598-01 [B-401 (1.5ft)]	B051732	16.3	16.6	05/17/12
12E0598-02 [B-402 (1.5ft)]	B051732	15.2	17.8	05/17/12
12E0598-03 [B-403 (5.2ft)]	B051732	17.0	15.9	05/17/12
12E0598-04 [B-404 (7.6ft)]	B051732	17.2	17.6	05/17/12
12E0598-05 [B-405 (5.75ft)]	B051732	16.6	16.5	05/17/12
12E0598-06 [B-406 (6ft)]	B051732	14.3	17.6	05/17/12
12E0598-10 [B-410 (7.5ft)]	B051732	17.6	16.7	05/17/12
12E0598-11 [B-411 (6ft)]	B051732	16.8	16.8	05/17/12
12E0598-12 [B-412 (6.5ft)]	B051732	19.8	18.1	05/17/12
12E0598-13 [B-413 (5.5ft)]	B051732	17.8	17.0	05/17/12
12E0598-14 [B-414 (5.5ft)]	B051732	14.4	16.1	05/17/12
12E0598-15 [B-415 (5.9ft)]	B051732	12.6	17.1	05/17/12
12E0598-19 [B-419 (6ft)]	B051732	14.4	18.3	05/17/12
12E0598-20 [B-420 (5.5ft)]	B051732	16.8	17.9	05/17/12
12E0598-21 [B-421 (6.8ft)]	B051732	15.8	17.1	05/17/12
12E0598-22 [DUP]	B051732	13.6	15.7	05/17/12

Prep Method: MA VPH-MADEP-VPH-04-1.1

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12E0598-07 [B-407 (7ft)]	B051733	16.2	16.3	05/17/12
12E0598-08 [B-408 (7.6ft)]	B051733	19.4	16.3	05/17/12
12E0598-09 [B-409 (7.7ft)]	B051733	17.5	18.0	05/17/12
12E0598-16 [B-416 (2ft)]	B051733	15.2	16.3	05/17/12
12E0598-17 [B-417 (1ft)]	B051733	16.6	16.6	05/17/12
12E0598-23 [DUP-1]	B051733	15.9	17.9	05/17/12

Prep Method: MA VPH-MADEP-VPH-04-1.1

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12E0598-10RE1 [B-410 (7.5ft)]	B051905	17.6	16.7	05/21/12
12E0598-13RE1 [B-413 (5.5ft)]	B051905	17.8	17.0	05/21/12
12E0598-14RE1 [B-414 (5.5ft)]	B051905	14.4	16.1	05/21/12
12E0598-15RE1 [B-415 (5.9ft)]	B051905	12.6	17.1	05/21/12
12E0598-18 [B-418 (5.5ft)]	B051905	12.9	18.0	05/21/12
12E0598-20RE1 [B-420 (5.5ft)]	B051905	16.8	17.9	05/21/12

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12E0598-01 [B-401 (1.5ft)]	B051955	05/21/12
12E0598-02 [B-402 (1.5ft)]	B051955	05/21/12
12E0598-03 [B-403 (5.2ft)]	B051955	05/21/12
12E0598-04 [B-404 (7.6ft)]	B051955	05/21/12
12E0598-05 [B-405 (5.75ft)]	B051955	05/21/12
12E0598-06 [B-406 (6ft)]	B051955	05/21/12
12E0598-07 [B-407 (7ft)]	B051955	05/21/12
12E0598-08 [B-408 (7.6ft)]	B051955	05/21/12
12E0598-09 [B-409 (7.7ft)]	B051955	05/21/12
12E0598-10 [B-410 (7.5ft)]	B051955	05/21/12
12E0598-11 [B-411 (6ft)]	B051955	05/21/12

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12E0598-12 [B-412 (6.5ft)]	B051955	05/21/12
12E0598-13 [B-413 (5.5ft)]	B051955	05/21/12
12E0598-14 [B-414 (5.5ft)]	B051955	05/21/12
12E0598-15 [B-415 (5.9ft)]	B051955	05/21/12
12E0598-16 [B-416 (2ft)]	B051955	05/21/12
12E0598-17 [B-417 (1ft)]	B051955	05/21/12
12E0598-18 [B-418 (5.5ft)]	B051955	05/21/12
12E0598-19 [B-419 (6ft)]	B051955	05/21/12
12E0598-20 [B-420 (5.5ft)]	B051955	05/21/12
12E0598-21 [B-421 (6.8ft)]	B051955	05/21/12
12E0598-22 [DUP]	B051955	05/21/12
12E0598-23 [DUP-1]	B051955	05/21/12

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12E0598-24 [B-401 (0.2ft)]	B051986	05/21/12
12E0598-25 [B-403 (0-2ft)]	B051986	05/21/12
12E0598-26 [B-405 (0-2ft)]	B051986	05/21/12
12E0598-27 [B-410 (0.5-2ft)]	B051986	05/21/12
12E0598-28 [B-414 (5-6.5ft)]	B051986	05/21/12
12E0598-29 [B-417 (5-6.5ft)]	B051986	05/21/12
12E0598-30 [B-418 (0-2ft)]	B051986	05/21/12
12E0598-31 [DUP-2]	B051986	05/21/12

Prep Method: SW-846 3050B-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12E0598-24 [B-401 (0.2ft)]	B051801	1.06	50.0	05/18/12
12E0598-25 [B-403 (0-2ft)]	B051801	0.994	50.0	05/18/12
12E0598-26 [B-405 (0-2ft)]	B051801	1.03	50.0	05/18/12
12E0598-27 [B-410 (0.5-2ft)]	B051801	1.04	50.0	05/18/12
12E0598-28 [B-414 (5-6.5ft)]	B051801	1.02	50.0	05/18/12
12E0598-29 [B-417 (5-6.5ft)]	B051801	1.03	50.0	05/18/12
12E0598-30 [B-418 (0-2ft)]	B051801	1.04	50.0	05/18/12
12E0598-31 [DUP-2]	B051801	1.02	50.0	05/18/12

Prep Method: SW-846 3050B-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12E0598-29RE1 [B-417 (5-6.5ft)]	B052024	0.998	50.0	05/22/12

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - VPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B051732 - MA VPH										
Blank (B051732-BLK1)				Prepared & Analyzed: 05/17/12						
Unadjusted C5-C8 Aliphatics	ND	10	mg/Kg wet							
C5-C8 Aliphatics	ND	10	mg/Kg wet							
Unadjusted C9-C12 Aliphatics	ND	10	mg/Kg wet							
C9-C12 Aliphatics	ND	10	mg/Kg wet							
C9-C10 Aromatics	ND	10	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Naphthalene	ND	0.25	mg/Kg wet							
Toluene	ND	0.050	mg/Kg wet							
m+p Xylene	ND	0.10	mg/Kg wet							
o-Xylene	ND	0.050	mg/Kg wet							
Surrogate: 2,5-Dibromotoluene (FID)	*3.55*		mg/Kg wet	3.33		107	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	*3.36*		mg/Kg wet	3.33		101	70-130			
LCS (B051732-BS1)				Prepared & Analyzed: 05/17/12						
Benzene	5.35	0.053	mg/Kg wet	5.33		100	70-130			
Butylcyclohexane	4.62	0.053	mg/Kg wet	5.33		86.7	70-130			
Decane	4.96	0.053	mg/Kg wet	5.33		92.9	70-130			
Ethylbenzene	5.15	0.053	mg/Kg wet	5.33		96.6	70-130			
Methyl tert-Butyl Ether (MTBE)	6.00	0.053	mg/Kg wet	5.33		113	70-130			
2-Methylpentane	5.09	0.053	mg/Kg wet	5.33		95.5	70-130			
Naphthalene	4.53	0.26	mg/Kg wet	5.33		85.0	70-130			
Nonane	4.67	0.053	mg/Kg wet	5.33		87.6	30-130			
Pentane	5.04	0.053	mg/Kg wet	5.33		94.6	70-130			
Toluene	5.14	0.053	mg/Kg wet	5.33		96.5	70-130			
1,2,4-Trimethylbenzene	5.27	0.053	mg/Kg wet	5.33		98.8	70-130			
2,2,4-Trimethylpentane	4.63	0.053	mg/Kg wet	5.33		86.7	70-130			
m+p Xylene	10.6	0.11	mg/Kg wet	10.7		99.5	70-130			
o-Xylene	5.54	0.053	mg/Kg wet	5.33		104	70-130			
Surrogate: 2,5-Dibromotoluene (FID)	*3.25*		mg/Kg wet	3.33		97.5	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	*3.05*		mg/Kg wet	3.33		91.5	70-130			
LCS Dup (B051732-BSD1)				Prepared & Analyzed: 05/17/12						
Benzene	5.37	0.053	mg/Kg wet	5.33		101	70-130	0.359	25	
Butylcyclohexane	4.84	0.053	mg/Kg wet	5.33		90.8	70-130	4.65	25	
Decane	5.17	0.053	mg/Kg wet	5.33		96.9	70-130	4.15	25	
Ethylbenzene	5.15	0.053	mg/Kg wet	5.33		96.6	70-130	0.0268	25	
Methyl tert-Butyl Ether (MTBE)	6.00	0.053	mg/Kg wet	5.33		112	70-130	0.0663	25	
2-Methylpentane	5.19	0.053	mg/Kg wet	5.33		97.3	70-130	1.85	25	
Naphthalene	5.12	0.26	mg/Kg wet	5.33		96.0	70-130	12.1	25	
Nonane	5.05	0.053	mg/Kg wet	5.33		94.7	30-130	7.77	25	
Pentane	4.74	0.053	mg/Kg wet	5.33		88.8	70-130	6.31	25	
Toluene	5.14	0.053	mg/Kg wet	5.33		96.3	70-130	0.174	25	
1,2,4-Trimethylbenzene	5.35	0.053	mg/Kg wet	5.33		100	70-130	1.57	25	
2,2,4-Trimethylpentane	5.05	0.053	mg/Kg wet	5.33		94.6	70-130	8.72	25	
m+p Xylene	10.6	0.11	mg/Kg wet	10.7		99.6	70-130	0.152	25	
o-Xylene	5.53	0.053	mg/Kg wet	5.33		104	70-130	0.172	25	
Surrogate: 2,5-Dibromotoluene (FID)	*3.76*		mg/Kg wet	3.33		113	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	*3.58*		mg/Kg wet	3.33		107	70-130			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - VPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B051733 - MA VPH										
Blank (B051733-BLK1)				Prepared: 05/17/12 Analyzed: 05/18/12						
Unadjusted C5-C8 Aliphatics	ND	10	mg/Kg wet							
C5-C8 Aliphatics	ND	10	mg/Kg wet							
Unadjusted C9-C12 Aliphatics	ND	10	mg/Kg wet							
C9-C12 Aliphatics	ND	10	mg/Kg wet							
C9-C10 Aromatics	ND	10	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Naphthalene	ND	0.25	mg/Kg wet							
Toluene	ND	0.050	mg/Kg wet							
m+p Xylene	ND	0.10	mg/Kg wet							
o-Xylene	ND	0.050	mg/Kg wet							
Surrogate: 2,5-Dibromotoluene (FID)	*3.04*		mg/Kg wet	3.33		91.2	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	*2.90*		mg/Kg wet	3.33		87.0	70-130			
LCS (B051733-BS1)				Prepared: 05/17/12 Analyzed: 05/18/12						
Benzene	5.46	0.053	mg/Kg wet	5.33		102	70-130			
Butylcyclohexane	4.83	0.053	mg/Kg wet	5.33		90.5	70-130			
Decane	5.02	0.053	mg/Kg wet	5.33		94.2	70-130			
Ethylbenzene	5.25	0.053	mg/Kg wet	5.33		98.5	70-130			
Methyl tert-Butyl Ether (MTBE)	5.89	0.053	mg/Kg wet	5.33		110	70-130			
2-Methylpentane	5.32	0.053	mg/Kg wet	5.33		99.8	70-130			
Naphthalene	4.37	0.26	mg/Kg wet	5.33		82.0	70-130			
Nonane	4.80	0.053	mg/Kg wet	5.33		89.9	30-130			
Pentane	4.71	0.053	mg/Kg wet	5.33		88.3	70-130			
Toluene	5.24	0.053	mg/Kg wet	5.33		98.2	70-130			
1,2,4-Trimethylbenzene	5.30	0.053	mg/Kg wet	5.33		99.3	70-130			
2,2,4-Trimethylpentane	4.83	0.053	mg/Kg wet	5.33		90.5	70-130			
m+p Xylene	10.7	0.11	mg/Kg wet	10.7		100	70-130			
o-Xylene	5.64	0.053	mg/Kg wet	5.33		106	70-130			
Surrogate: 2,5-Dibromotoluene (FID)	*2.75*		mg/Kg wet	3.33		82.5	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	*2.72*		mg/Kg wet	3.33		81.5	70-130			
LCS Dup (B051733-BSD1)				Prepared: 05/17/12 Analyzed: 05/18/12						
Benzene	5.50	0.053	mg/Kg wet	5.33		103	70-130	0.618	25	
Butylcyclohexane	4.89	0.053	mg/Kg wet	5.33		91.6	70-130	1.22	25	
Decane	5.13	0.053	mg/Kg wet	5.33		96.1	70-130	2.02	25	
Ethylbenzene	5.30	0.053	mg/Kg wet	5.33		99.3	70-130	0.809	25	
Methyl tert-Butyl Ether (MTBE)	5.98	0.053	mg/Kg wet	5.33		112	70-130	1.61	25	
2-Methylpentane	5.48	0.053	mg/Kg wet	5.33		103	70-130	2.87	25	
Naphthalene	4.70	0.26	mg/Kg wet	5.33		88.1	70-130	7.24	25	
Nonane	5.03	0.053	mg/Kg wet	5.33		94.4	30-130	4.82	25	
Pentane	4.38	0.053	mg/Kg wet	5.33		82.2	70-130	7.15	25	
Toluene	5.29	0.053	mg/Kg wet	5.33		99.1	70-130	0.930	25	
1,2,4-Trimethylbenzene	5.33	0.053	mg/Kg wet	5.33		100	70-130	0.676	25	
2,2,4-Trimethylpentane	5.24	0.053	mg/Kg wet	5.33		98.2	70-130	8.17	25	
m+p Xylene	10.8	0.11	mg/Kg wet	10.7		102	70-130	1.17	25	
o-Xylene	5.66	0.053	mg/Kg wet	5.33		106	70-130	0.525	25	
Surrogate: 2,5-Dibromotoluene (FID)	*3.08*		mg/Kg wet	3.33		92.5	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	*3.00*		mg/Kg wet	3.33		90.1	70-130			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - VPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B051905 - MA VPH										
Blank (B051905-BLK1)				Prepared & Analyzed: 05/21/12						
Unadjusted C5-C8 Aliphatics	ND	10	mg/Kg wet							
C5-C8 Aliphatics	ND	10	mg/Kg wet							
Unadjusted C9-C12 Aliphatics	ND	10	mg/Kg wet							
C9-C12 Aliphatics	ND	10	mg/Kg wet							
C9-C10 Aromatics	ND	10	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Naphthalene	ND	0.25	mg/Kg wet							
Toluene	ND	0.050	mg/Kg wet							
m+p Xylene	ND	0.10	mg/Kg wet							
o-Xylene	ND	0.050	mg/Kg wet							
Surrogate: 2,5-Dibromotoluene (FID)	*2.45*		mg/Kg wet	3.33		73.4	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	*2.75*		mg/Kg wet	3.33		82.4	70-130			
LCS (B051905-BS1)				Prepared & Analyzed: 05/21/12						
Benzene	5.41	0.053	mg/Kg wet	5.33		101	70-130			
Butylcyclohexane	4.37	0.053	mg/Kg wet	5.33		82.0	70-130			
Decane	4.61	0.053	mg/Kg wet	5.33		86.4	70-130			
Ethylbenzene	5.26	0.053	mg/Kg wet	5.33		98.5	70-130			
Methyl tert-Butyl Ether (MTBE)	6.02	0.053	mg/Kg wet	5.33		113	70-130			
2-Methylpentane	4.47	0.053	mg/Kg wet	5.33		83.7	70-130			
Naphthalene	4.76	0.26	mg/Kg wet	5.33		89.3	70-130			
Nonane	4.39	0.053	mg/Kg wet	5.33		82.4	30-130			
Pentane	4.21	0.053	mg/Kg wet	5.33		78.9	70-130			
Toluene	5.22	0.053	mg/Kg wet	5.33		97.9	70-130			
1,2,4-Trimethylbenzene	5.41	0.053	mg/Kg wet	5.33		101	70-130			
2,2,4-Trimethylpentane	3.99	0.053	mg/Kg wet	5.33		74.8	70-130			
m+p Xylene	10.8	0.11	mg/Kg wet	10.7		101	70-130			
o-Xylene	5.62	0.053	mg/Kg wet	5.33		105	70-130			
Surrogate: 2,5-Dibromotoluene (FID)	*3.10*		mg/Kg wet	3.33		92.9	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	*3.24*		mg/Kg wet	3.33		97.3	70-130			
LCS Dup (B051905-BSD1)				Prepared & Analyzed: 05/21/12						
Benzene	5.34	0.053	mg/Kg wet	5.33		100	70-130	1.22	25	
Butylcyclohexane	4.41	0.053	mg/Kg wet	5.33		82.8	70-130	0.907	25	
Decane	4.69	0.053	mg/Kg wet	5.33		88.0	70-130	1.82	25	
Ethylbenzene	5.20	0.053	mg/Kg wet	5.33		97.5	70-130	1.06	25	
Methyl tert-Butyl Ether (MTBE)	5.89	0.053	mg/Kg wet	5.33		110	70-130	2.33	25	
2-Methylpentane	4.33	0.053	mg/Kg wet	5.33		81.2	70-130	3.03	25	
Naphthalene	4.69	0.26	mg/Kg wet	5.33		87.9	70-130	1.56	25	
Nonane	4.57	0.053	mg/Kg wet	5.33		85.7	30-130	3.95	25	
Pentane	4.27	0.053	mg/Kg wet	5.33		80.0	70-130	1.45	25	
Toluene	5.16	0.053	mg/Kg wet	5.33		96.8	70-130	1.08	25	
1,2,4-Trimethylbenzene	5.33	0.053	mg/Kg wet	5.33		99.9	70-130	1.40	25	
2,2,4-Trimethylpentane	4.24	0.053	mg/Kg wet	5.33		79.5	70-130	6.10	25	
m+p Xylene	10.7	0.11	mg/Kg wet	10.7		99.9	70-130	1.22	25	
o-Xylene	5.56	0.053	mg/Kg wet	5.33		104	70-130	0.985	25	
Surrogate: 2,5-Dibromotoluene (FID)	*2.86*		mg/Kg wet	3.33		85.8	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	*3.08*		mg/Kg wet	3.33		92.3	70-130			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B051801 - SW-846 3050B											
Blank (B051801-BLK1)				Prepared: 05/18/12 Analyzed: 05/21/12							
Arsenic	ND	2.5	mg/Kg wet								
Barium	ND	2.5	mg/Kg wet								
Cobalt	ND	2.5	mg/Kg wet								
Iron	ND	2.5	mg/Kg wet								
Lead	ND	0.75	mg/Kg wet								
LCS (B051801-BS1)				Prepared: 05/18/12 Analyzed: 05/21/12							
Arsenic	95.8	5.0	mg/Kg wet	94.5		101		83.2-117.5			
Barium	174	5.0	mg/Kg wet	167		104		83.8-115.6			
Cobalt	103	5.0	mg/Kg wet	102		101		83.2-116.7			
Iron	11200	5.0	mg/Kg wet	12500		89.3		50.6-149.6			
Lead	86.3	1.5	mg/Kg wet	91.8		94.0		70.7-129			
LCS (B051801-BS2)				Prepared: 05/18/12 Analyzed: 05/21/12							
Lead	0.780	0.73	mg/Kg wet	0.733		106		80-120			
LCS Dup (B051801-BSD1)				Prepared: 05/18/12 Analyzed: 05/21/12							
Arsenic	93.4	5.0	mg/Kg wet	94.5		98.9		83.2-117.5	2.46	30	
Barium	172	5.0	mg/Kg wet	167		103		83.8-115.6	1.11	30	
Cobalt	103	5.0	mg/Kg wet	102		101		83.2-116.7	0.210	30	
Iron	10500	5.0	mg/Kg wet	12500		84.2		50.6-149.6	5.79	30	
Lead	86.0	1.5	mg/Kg wet	91.8		93.7		70.7-129	0.309	30	
Duplicate (B051801-DUP1)	**Source: 12E0598-29**			Prepared: 05/18/12 Analyzed: 05/21/12							
Arsenic	ND	2.6	mg/Kg dry		ND				NC	35	
Barium	95.3	2.6	mg/Kg dry		96.6				1.38	35	
Cobalt	5.82	2.6	mg/Kg dry		7.52				25.5	35	
Iron	13400	2.6	mg/Kg dry		12900				3.77	35	
Duplicate (B051801-DUP2)	**Source: 12E0598-29**			Prepared: 05/18/12 Analyzed: 05/21/12							**M-07**
Iron	12400	13	mg/Kg dry		12900				4.33	10	
Matrix Spike (B051801-MS1)	**Source: 12E0598-29**			Prepared: 05/18/12 Analyzed: 05/21/12							
Arsenic	24.5	2.6	mg/Kg dry	26.2	1.12	89.1		75-125			
Barium	125	2.6	mg/Kg dry	26.2	96.6	110		75-125			
Cobalt	29.4	2.6	mg/Kg dry	26.2	7.52	83.7		75-125			
Iron	15800	2.6	mg/Kg dry	26.2	12900	**11000**	*	75-125			MS-19
Matrix Spike Dup (B051801-MSD1)	**Source: 12E0598-29**			Prepared: 05/18/12 Analyzed: 05/21/12							
Arsenic	26.6	2.6	mg/Kg dry	26.3	1.12	96.7		75-125	8.43	35	
Barium	108	2.6	mg/Kg dry	26.3	96.6	**41.6**	*	75-125	15.2	35	MS-22
Cobalt	29.8	2.6	mg/Kg dry	26.3	7.52	84.4		75-125	1.11	35	
Iron	13700	2.6	mg/Kg dry	26.3	12900	**3100**	*	75-125	13.9	35	MS-19

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B052024 - SW-846 3050B											
Blank (B052024-BLK1)				Prepared: 05/22/12	Analyzed: 05/23/12						
Lead	ND	0.75	mg/Kg wet								
LCS (B052024-BS1)				Prepared: 05/22/12	Analyzed: 05/23/12						
Lead	91.4	1.5	mg/Kg wet	91.8		99.6		70.7-129			
LCS (B052024-BS2)				Prepared: 05/22/12	Analyzed: 05/23/12						
Lead	0.812	0.71	mg/Kg wet	0.714		114		80-120			
LCS Dup (B052024-BSD1)				Prepared: 05/22/12	Analyzed: 05/23/12						
Lead	90.4	1.5	mg/Kg wet	91.8		98.5		70.7-129	1.07	30	
Duplicate (B052024-DUP1)	**Source: 12E0598-29RE1**			Prepared: 05/22/12	Analyzed: 05/23/12						
Lead	58.4	0.78	mg/Kg dry		58.0				0.791	35	
Duplicate (B052024-DUP2)	**Source: 12E0598-29RE1**			Prepared: 05/22/12	Analyzed: 05/23/12						**M-07**
Lead	60.7	4.1	mg/Kg dry		58.0				4.52	10	
Matrix Spike (B052024-MS1)	**Source: 12E0598-29RE1**			Prepared: 05/22/12	Analyzed: 05/23/12						
Lead	75.1	0.78	mg/Kg dry	25.9	58.0	**66.2**	*	75-125			MS-07A
Matrix Spike Dup (B052024-MSD1)	**Source: 12E0598-29RE1**			Prepared: 05/22/12	Analyzed: 05/23/12						
Lead	75.6	0.79	mg/Kg dry	26.3	58.0	**67.1**	*	75-125	0.715	35	MS-07A

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B051955 - % Solids										
Duplicate (B051955-DUP2)		**Source: 12E0598-22**		Prepared: 05/21/12 Analyzed: 05/22/12						
% Solids	94.6		% Wt		95.5			0.947	20	
Duplicate (B051955-DUP4)		**Source: 12E0598-23**		Prepared: 05/21/12 Analyzed: 05/22/12						
% Solids	83.1		% Wt		82.5			0.725	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
M-07	Result is serial dilution as per MA CAM/ CT RCP regulation.
MS-07A	Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
O-01	Soil/methanol ratio does not meet method specifications. Excess amount of soil. Sample was completely covered with methanol, but with less than the method-specified amount.
RL-05	Elevated reporting limit due to high concentration of target compounds. MA CAM reporting limit not met.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
S-17	Surrogate recovery is outside of control limits. Data validation is not affected since all results are less than the reporting limit and bias is on the high side.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
MADEP-VPH-04-1.1 in Soil	
Unadjusted C5-C8 Aliphatics	CT,NC,WA,ME
C5-C8 Aliphatics	CT,NC,WA,ME
Unadjusted C9-C12 Aliphatics	CT,NC,WA,ME
C9-C12 Aliphatics	CT,NC,WA,ME
C9-C10 Aromatics	CT,NC,WA,ME
Benzene	CT,NC,WA,ME
Ethylbenzene	CT,NC,WA,ME
Methyl tert-Butyl Ether (MTBE)	CT,NC,WA,ME
Naphthalene	CT,NC,WA,ME
Toluene	CT,NC,WA,ME
m+p Xylene	CT,NC,WA,ME
o-Xylene	CT,NC,WA,ME
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Cobalt	CT,NH,NY,ME,NC
Iron	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

12E0548

Company Name: Resource Controls
Address: 474 Broadway
Pawtucket, RI
Attention: Danielle Eastman
Project Location: NuBrite - 10 1st Street Taunton, MA
Sampled By: CCP & DB

Telephone: 401-728-6860
Project # 6878 -107
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ◉ WEBSITE
Fax #
Email: deastman@resourcecontrols.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

ANALYSIS REQUESTED

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VPH	10	M	V
-01	B-401 (1.5')/Boring	5/11/12	9:00		x	s	u	✓			
-02	B-402 (1.5')/Boring	5/11/12	9:40		x	s	u	✓			
-03	B-403 (5.2')/Boring	5/11/12	9:30		x	s	u	✓			
-04	B-404 (7.6')/Boring	5/11/12	10:03		x	s	u	✓			
-05	B-405 (5.75')/ Boring	5/11/12	8:15		x	s	u	✓			
-06	B-406 (6')/Boring	5/11/12	8:40		x	s	u	✓			
-07	B-407 (7')/Boring	5/10/12	15:15		x	s	u	✓			
-08	B-408 (7.6')/Boring	5/10/12	10:50		x	s	u	✓			
-09	B-409 (7.7')/Boring	5/10/12	9:45		x	s	u	✓			
-10	B-410 (7.5')/Boring	5/10/12	12:50		x	s	u	✓			

# of Containers
** Preservation
***Container Code

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 5/15/12 11:00
Received by: (signature)	Date/Time: 5/15/12 11:00
Relinquished by: (signature)	Date/Time: 5/15/12 20:40
Received by: (signature)	Date/Time: 5/15/2012 5:8

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other Standard
☐ RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: S-1
Connecticut:
Other:

Is your project MCP or RCP ?
◉ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

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ACCREDITED IN ACCORDANCE WITH nelac

NELAC & AIHA-LAP, LLC Accredited
WBE/DBE Certified

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Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

12E0598

39 Spruce Street
East longmeadow, MA 01028

Page 2 of 4

Company Name: Resource Controls
Address: 474 Broadway
Pawtucket, RI
Attention: Danielle Eastman
Project Location: NuBrite - 10 1st Street Taunton, MA
Sampled By: CCP & DB

Telephone: 401-728-6860
Project # 6878
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ◉ WEBSITE
Fax #
Email: deastman@resourcecontrols.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

ANALYSIS REQUESTED

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VPH (10 / M / V)
-11	B-411 (6')/Boring	5/10/12	11:55		x	S	u	✓
-12	B-412 (6.5')/Boring	5/10/12	12:25		x	S	u	✓
-13	B-413 (5.5')/Boring	5/10/12	14:25		x	S	u	✓
-14	B-414 (5.5')/Boring	5/10/12	13:25		x	S	u	✓
-15	B-415 (5.9')/ Boring	5/11/12	10:35		x	S	u	✓
-16	B-416 (2')/Boring	5/11/12	10:05		x	S	u	✓
-17	B-417 (1')/Boring	5/10/12	15:40		x	S	u	✓
-18	B-418 (5.5')/Boring	5/11/12	12:00		x	S	u	✓
-19	B-419 (6')/Boring	5/10/12	9:10		x	S	u	✓
-20	B-420 (5.5')/Boring	5/11/12	11:10		x	S	u	✓

# of Containers
** Preservation
***Container Code

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 5/15/12 11:00
Received by: (signature)	Date/Time: 5/15/12 11:00
Relinquished by: (signature)	Date/Time: 5/15/12 20
Received by: (signature)	Date/Time: 5/15/2012 5:58

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other Standard

RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: S-1
Connecticut:
Other:

Is your project MCP or RCP ?
◉ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

12E0598

Company Name: Resource Controls
Address: 474 Broadway
Pawtucket, RI
Attention: Danielle Eastman
Project Location: NuBrite - 10 1st Street Taunton, MA
Sampled By: CCP & DB

Telephone: 401-728-6860
Project # 6878
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ◉ WEBSITE
Fax #
Email: deastman@resourcecontrols.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

ANALYSIS REQUESTED

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	VPH	*Metals ~~Lead, Arsenic and Nickel~~										
								3	7										# of Containers
								M	I										** Preservation
								V	A										***Container Code
-21	B-421 (6.8')/Boring	5/11/12	11:20		x	S	u	✓											
-22	DUP	5/10/12			x	S	u	✓											
-23	DUP-1	5/10/12			x	S	u	✓											
-24	B-401 (0.2')/Boring	5/11/12	9:05	x		S	u		✓										
-25	B-403 (0-2)/Boring	5/11/12	9:30	x		S	u		✓										
-26	B-405 (0-2')/Boring	5/11/12	8:15	x		S	u		✓										
-27	B-410 (.5-2')/Boring	5/10/12	12:40	x		S	u		✓										
-28	B-414 (5-6.5')/Boring	5/10/12	13:30	x		S	u		✓										
-29	B-417 (5-6.5')/Boring	5/10/12	15:50	x		S	u		✓										
-30	B-418 (0-2')/Boring	5/11/12	11:50	x		S	u		✓										

602-17
5C -24
600-01 5F
03?
08 #5
15
19
Need to pour off for # 598
34-41

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
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**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
*Metals Analysis - Arsenic, Barium, lead, iron, & Cobalt
Please perform matrix spike/matrix spike duplicate on sample B-417 (5-6.5')

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) [signature]	Date/Time: 5/15/12 11:00
Received by: (signature) [signature] 5/15/12	Date/Time: 11:00
Relinquished by: (signature) [signature] 5/15/12	Date/Time: 20:40
Received by: (signature) [signature] 5/15/12	Date/Time: 20:40

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other Standard

RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: S-1
Connecticut:
Other:

Is your project MCP or RCP ?
◉ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

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CHAIN OF CUSTODY RECORD

12E0598

39 Spruce Street
East longmeadow, MA 01028

Company Name: Resource Controls
Address: 474 Broadway
Pawtucket, RI
Attention: Danielle Eastman
Project Location: NuBrite - 10 1st Street Taunton, MA
Sampled By: CCP & DB

Telephone: 401-728-6860
Project # 6878
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ◉ EMAIL ◉ WEBSITE
Fax #
Email: deastman@resourcecontrols.com
Format: ◉ PDF ◉ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	Metals* ~~Lead, Arsenic and Nickel~~										
-31	DUP-2	5/10/12			x	S	u	✓										

1											# of Containers
I											** Preservation
A											***Container Code

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
* Metals analysis - Arsenic, Barium, Lead, Iron, + Cobalt

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) [signature]	Date/Time: 5/15/12 11:00
Received by: (signature) [signature] 5/15/12	Date/Time: 11:00
Relinquished by: (signature) [signature] 5/15/12	Date/Time: 20
Received by: (signature) [signature] 5/15/2012	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
◉ Other Standard

RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts: S-1
Connecticut:
Other:

Is your project MCP or RCP ?
◉ MCP Form Required
○ RCP Form Required
○ MA State DW Form Required PWSID # _____

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PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Resource Control **RECEIVED BY:** SD **DATE:** 5/15/12

1) Was the chain(s) of custody relinquished and signed? Yes No No CoC Included

2) Does the chain agree with the samples? SD Yes No

If not, explain:

3) Are all the samples in good condition? Yes No

If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? Yes No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.8

5) Are there Dissolved samples for the lab to filter? Yes No

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes No

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No N/A _____

9) Do all samples have the proper Base pH: Yes No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	25
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	24	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 24
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: Con-Test Analytical Laboratory	Project #: 12E0598
Project Location: NuBrite-10 1st Street, Taunton, MA	RTN:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

12E0598-01 thru 12E0598-31

Matrices: Soil

CAM Protocol (check all that below)

8260 VOC CAM II A ( )	7470/7471 Hg CAM IIIB ( )	MassDEP VPH CAM IV A (X)	8081 Pesticides CAM V B ( )	7196 Hex Cr CAM VI B ( )	MassDEP APH CAM IX A ( )
8270 SVOC CAM II B ( )	7010 Metals CAM III C ( )	MassDEP EPH CAM IV A ( )	8151 Herbicides CAM V C ( )	8330 Explosives CAM VIII A ( )	TO-15 VOC CAM IX B ( )
6010 Metals CAM III A (X)	6020 Metals CAM III D ( )	8082 PCB CAM V A ( )	9014 Total Cyanide/PAC CAM VI A ( )	6860 Perchlorate CAM VIII B ( )	

Affirmative response to Questions A throughF is required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☑ Yes	☐ No[1]
B	Were the analytical method(s) and all associated QC requirements specificed in the selected CAM protocol(s) followed?	☑ Yes	☐ No[1]
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	☑ Yes	☐ No[1]
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, Quality Assurance and Quality Control Guidlines for the Acquisition and Reporting of Analytical Data?	☑ Yes	☐ No[1]
E a	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	☑ Yes	☐ No[1]
E b	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☐ Yes	☐ No[1]
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all No responses to Qestions A through E)?	☑ Yes	☐ No[1]

A response to questions G, H and I below is required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	☐ Yes	☑ No[1]

***Data User Note:* Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.**

H	Were all QC perfomance standards specified in the CAM protocol(s) achieved?	☐ Yes	☑ No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☐ Yes	☑ No[1]

[1] *All Negative responses must be addressed in an attached Environmental Laboratory case narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: M Erickson Position: Laboratory Director

Printed Name: Michael A. Erickson Date: 05/23/12

APPENDIX D

Additional Limitations

ADDITIONAL LIMITATIONS

1. The observations described in this Report were made under the conditions stated herein. The conclusions presented in the Report are based solely upon the services described therein and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by Client. The work described in the Report was carried out in accordance with our Proposal and Associated Statement of Standard Terms and Conditions.

2. In preparing the Report, Resource Controls has relied on certain information provided by state and local officials and other parties referenced therein and on information contained in the files of state and/or local agencies available to Resource Controls at the time of the site evaluation. Although there may have been some degree of overlap in the information provided by the various sources, Resource Controls did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment.

3. Observations and explorations were made of the site as indicated within the Report. Where access to portions of the site were unavailable or limited, Resource Controls renders no opinion as to the presence of hazardous materials, asbestos, lead paint or oil, or to the presence of indirect evidence relating to the same, in that portion of the site or structure. In addition, Resource Controls renders no opinion as to the presence of hazardous materials, lead paint, oil or asbestos or to the presence of indirect evidence relating to hazardous materials, oil, lead paint or asbestos, where direct observation of the interior walls, floor, or ceiling of a structure on a site was obstructed by objects or coverings on or over these structures.

4. The purpose of this Report was to assess the physical and chemical characteristics of the subject site with respect to the presence in the environment of hazardous materials, lead paint, asbestos or oil. No specific attempt was made to check the regulatory compliance of present or past owners or operators of the site with federal, state or local laws and regulations, environmental or otherwise.

5. Except as noted within the text of this Report, no quantitative laboratory testing was performed as part of this evaluation. Where such analyses have been conducted by an outside laboratory, Resource Controls has relied upon the data provided and has not conducted an independent third party evaluation of the reliability of this data.

6. Chemical analyses performed for specific parameters during the course of studies have been used, in part, as a basis for determining the areas of environmental concern. Additional chemical constituents not searched for may be present at the site. Defined areas of environmental concern do not cover the potential additional constituents.

7. Governmental agencies' interpretations, requirements and enforcement policies may impact the type and scope of any site remediation required for a site. In addition, statutes, rules and regulations may be legislatively changed and inter-agency and intra-agency policies may be changed from present practice. If such changes occur, it may be necessary to re-evaluate their impact on the scope of any site remediation required.

8. Any water level readings made in the test pits, borings and/or wells and were made under the conditions stated on the logs. This data may have been reviewed and interpretations have been made in the text of this Report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall, temperature and other factors different from those prevailing at the time measurements were made.