Environmental Engineering, Civil Engineering
Forensic Engineering, Construction Services

Environmental Engineering *Forensic Engineering* *Civil Engineering* *Construction Services*

July 22, 2021

U.S. Environmental Protection Agency
Office of Ecosystem Protection
5 Post Office Square – Suite 100
Mail Code OEP06-01
Boston, MA 02109-3912

And

Boston Water and Sewer Commission
Engineering Customer Services
980 Harrison Avenue
Roxbury, MA 02119

RE: Notice of Intent for Discharge Pursuant to
Massachusetts Remediation General Permit MAG9100000
372 Cambridge Street
Boston, MA 02134
MADEP Release Tracking Number (RTN) 3-33574

To Whom It May Concern:

On behalf of Allston Square Realty Trust, FSL Associates, Inc. ("FSL") has prepared the attached Notice of Intent (NOI) for coverage under the Remediation General Permit (RGP) MAG910000 for the discharge of construction dewatering effluent into the Charles River via the City of Boston storm drainage system. Temporary construction dewatering discharge is scheduled to occur during the construction of a 5-story residential apartment building with a full basement. The development project is to take place at 372 Cambridge Street in the Allston neighborhood of Boston, Massachusetts (the subject site). Refer to the attached **Figure 1** for the site locus.

This permit application was prepared by FSL Associates, Inc. ("FSL") on behalf of Allston Square Realty Trust, the owner of the subject property with an address of 320 Washington Street, Suite 3FF, Brookline, MA 02119. The required Notice of Intent Form contained in the RGP permit and Boston Water and Sewer Dewatering Discharge Permit Application and all supporting documentation are enclosed with this letter. This project is considered Activity Category III as defined in the RGP. Category III is defined as Contaminated Site Dewatering. Based on historical and current soil and groundwater analysis completed at the site and constituents of concern detected under Subcategories A (lead, mercury, cadmium, chromium), and group D (total group 1 polycyclic aromatic hydrocarbons (PAHs)), Technology Based

Effluent Limitations (TBELs) and Water Quality Based Effluent Limitations (WQBELs) for Type A and D contamination apply.

Applicant		***Contractor***	
Allston Square Realty Trust 320 Washington Street, Suite 3FF Brookline, MA 02119		Rise Construction Management 12 Ericsson Street Boston, MA 02122	
Attention:	Mr. Josh Fetterman	Attn:	Mr. Brian Regan
Telephone:	(617) 470-2111		Phone: (877) 828-7473

1.0 BACKGROUND AND SITE HISTORY

The Site, located at 372 Cambridge Street Allston, Suffolk County, Massachusetts, consists of one irregular-shaped parcel, identified by the Boston, Massachusetts Assessor's Office as Property ID 2100663000, as well as the eastern portion of the adjacent parcel located at 2-8 Harvard Avenue, identified by the Boston, Massachusetts Assessor's Office as Property ID 2100662000, totaling approximately 0.22 acres. The Site is located in the southwest quadrant of the intersection of Highgate Street and Cambridge Street. The Universal Transverse Mercator (UTM) coordinates for the Site are 4691456 meters northing, 324398 meters easting, in Zone 19 or 42° 21' 20.0" north latitude and 71° 7' 55.96" east longitude.

The building and the northern portion of the Site was formerly utilized as a gasoline filling and service station between approximately 1935 and 1975. The building was most recently used to store miscellaneous items associated with the Jack Young Company (which specialized in wholesale and distribution of finished automobile and truck parts and products to independent fleets). These items included snowblowers, a motorcycle, air compressor, dry good, and other miscellaneous items. The paved asphalt area surrounding the former gas station building were used as overflow parking for employees of the Jack Young Company and as a driveway for the loading dock of the adjacent building. There are currently no commercial or industrial operations conducted at the Site. There are no full-time workers currently present at the Site.

2.0 EXISTING CONDITIONS

372 Cambridge Street is currently improved with a 1-story building with a gross area of approximately 100 square feet. This building and portion of the Subject Property was formerly utilized as a gasoline filling and service station. The building was previously used to store miscellaneous items associated with the Jack Young Company, which specializes in wholesale and distribution of finished automobile and truck parts and products to independent fleets. The paved asphalt area surrounding the building was used for parking for employees of the Jack Young Company. No records were found that reference when the existing structure was built.

2-8 Harvard Avenue is currently improved with a 2-story warehouse/distribution facility with a gross area of approximately 13,565± square feet. The warehouse space is serviced by one loading dock bay located on the southeast side of the building. Administrative offices were located on the 2nd floor and mechanical spaces are located within the basement. The existing improvements were reportedly constructed in 1920 with major renovations/additions taking place in 1964 and 1987.

The existing buildings are located on the central portion (372 Cambridge Street) and western side (2-8 Harvard Avenue) of the Subject Property with an asphalt-paved parking and truck loading area surrounding the rest of the Subject Property. There are no landscaping or unimproved areas on any portion of the Subject Property.

3.0 PROPOSED SCOPE OF SITE DEVELOPMENT

The proposed development is understood to consist of a building which will occupy the entirety of the approximate 9,600 square foot property parcel. The building will consist of seven (7) stories above-grade and a basement for parking and mechanical rooms underneath. The maximum depth of excavation for the construction of the building foundation will be approximately (18) feet below-grade across the Site. The excavation for the car-stacker pits for the proposed building will be advanced to a maximum depth of twenty-six (26) feet below-grade along Cambridge Street and Highgate Street. The excavation for the elevator pits is scheduled to be the sources of the discharge.

4.0 SITE ENVIRONMENTAL SETTING

A review of the current Massachusetts Department of Environmental Protection (MADEP) Priority Resource Map indicates that the subject site is not located within Zone II of a public water supply, an Interim Wellhead Protection Area or Zone A of a Class A surface water supply reservoir. There are no known private or public drinking water supply wells located within the site boundaries, nor within a half mile of the site. Site groundwater is not classified as a current or potential drinking water source. The nearest surface water body is the Charles River, located approximately 4,000 feet to the east of the Property.

The site is located within 500 feet of a residentially zoned area. In accordance with 310 CMR 40.0361, the applicable soil reporting category for this site is RCS-1. In accordance with 310 CMR 40.0362, the applicable groundwater reporting category for this site is RCGW-2. A copy of the MADEP Phase I Site Assessment Map is included as **Figure 2**.

5.0 SUBSURFACE CONDITIONS

The Site is located at an elevation of approximately 31 feet above mean sea level. The topography of the Site is tiered, with the northern portion elevated approximately five feet above the lower southern portion located adjacent the loading dock for the building at 2-8 Harvard Avenue. Overall, the site topography gently slopes down to the north-northwest. The Site vicinity topography is relatively flat, and the general slope of the surrounding region is to the north.

Information concerning the geology of the Subject Property was obtained from the United States Geological Survey (USGS) Ground Water Atlas of the United States, Massachusetts region (1995). The Subject Property is located within the Coastal Plain physiographic province, which is characterized by areas of low relief and consists of Quaternary glacial deposits, primarily out-wash sand and gravel, as much as 1,000 feet thick. This area is underlain by Cretaceous sediments, primarily clay, sand, and gravel. No bedrock outcroppings were observed at the Subject Property. According to the Natural Resources Conservation Service (NRCS) Web Soil Survey (WSS) website (http://websoilsurvey.nrcs.usda.gov/app/), the dominant soil composition in the vicinity of the Project Site is classified as Urban land, 0 to 15 percent slopes (602). Urban land is classified as pavement, buildings and other artificially covered areas. Urban land is impermeable and cannot support wetland vegetation. It does not meet hydric criteria.

In 2016, a total of eight (8) soil borings were advanced and overseen by Envirobusiness, Inc. (EBI) as part of an ASTM Phase II site investigation (see Section 4.2). Soils at the Site were typically characterized by overburden soils consisting of sands and gravels with fill material to depths of approximately 15 feet and underlain by clays, silts and medium sands to the termination depth of the borings. Bedrock was not observed during boring advancement, nor were any bedrock outcroppings observed on the Site or in the immediate vicinity of the Site.

On September 28, 29 and November 3, 2020, FSL personnel conducted a limited subsurface investigation across the Property. FSL personnel supervised the advancement of seventeen (17) soil borings by Eastern Analytical (Eastern) of Concord, NH to depths ranging from 5-25 feet below ground surface (bgs). FSL utilized ASTM Standard D2488–visual observations to classify Site soil. The soil profile from across Site had asphalt, crushed rock, and bricks in the top 6" to 1' range and medium to coarse sand and gravel in 1-25 bgs range. Silty clay was encountered at FSL-7 at about 14 feet bgs. Groundwater was observed in test borings FSL-2 at 23 feet bgs, FSL-3 at 22.9 feet bgs, and FSL-7 at 19.5 feet bgs.

6.0 MCP REGULATORY STATUS

The soil and groundwater analytical results from the ASTM Phase II ESA and the UST removals triggered a 120-day reportable condition under the MCP. A 120-day Release Notification Form (RNF) for MTBE and C_9-C_{10} aromatics in soil and lead in groundwater was submitted to the MADEP on May 10, 2016, and RTN 3-33574 was assigned to the release.

Several pyrogenic PAHs and lead were also detected during the Phase II ESA at concentrations greater than their MCP RCS-1 reporting thresholds in the shallow soil sample collected from 372-EBI-04(0-4). The PAHs and lead were thought to be derived from coal and/or coal ash in fill materials; however, no obvious evidence of coal and/or coal ash was observed in the soil samples for this boring based on visual field inspection. The detected concentrations of PAHs and lead were reported to MADEP through submission of a 120-Day RNF on May 10, 2016 and assigned RTN 3-33578. Supplemental microscopic analysis confirmed the presence of coal and coal ash in the sample, demonstrating that the detected concentration of PAHs and lead were exempt from release notification under the MCP pursuant to 310 CMR 40.0317(9). A Release Notification Retraction was submitted to MADEP for RTN 3-33578 on July 5, 2016.

On September 18, 2020, FSL submitted a Permanent Solution with No Conditions Statement to the MADEP for RTN 3-33574 on behalf of the current Site owner.

7.0 GROUNDATER ANALYTICAL DATA

7.1 EBI Groundwater Sampling Activities

January 2016

EBI oversaw the advancement of four (4) soil borings at the Site on January 6, 2016. All of the soil borings were advanced using a track mounted direct push rig operated by New England Geotech, LLC (NE Geotech) of Jamestown, Rhode Island. Four-foot soil samples were collected continuously during the advancement of the borings to depths of 10 feet to 30 feet bgs. Two of the soil borings (372-EBI-02 and 372-EBI-03) were converted into temporary groundwater wells (see **Figures 2** and **3** attached). Groundwater samples were collected from each temporary monitoring well using a peristaltic pump and dedicated polyethylene tubing. The groundwater samples were collected in clean laboratory-provided

containers. Due to lack of recharge from the temporary wells installed, wells were not purged prior to sampling. Samples collected for soluble metals analysis were filtered by the laboratory within 24 hours of sample collection using a 0.45-micron filter and then preserved with nitric acid. After collection, the samples were submitted to Con-Test for analysis. The samples were analyzed for volatile organic compounds (VOCs), extractable and volatile petroleum hydrocarbons (EPH/VPH), and RCRA 8 Metals. The EBI groundwater sample results are summarized in **Table 1**. Analytical results for the two groundwater samples collected in January 2016 indicated the following:

- Low concentrations of EPH and VPH compounds were detected in groundwater below the MCP RCGW-2 Reportable Concentrations.
- Lead was detected in one sample at 0.019 mg/L, slightly above the MCP reportable concentration RCGW-2 threshold of 0.01 mg/L. Pyrene was also detected in the sample at 0.028 mg/L, slightly above the RCGW-2 threshold of 0.02 mg/L. It should be noted that the samples from a temporary monitoring well are not used to establish whether an MCP reportable condition is present; this data is valid qualitatively only.

March 2016

On April 4, 2016, EBI collected groundwater samples from the four newly installed permanent wells located at the Site, EBI-01-MW through EBI-04-MW. Well depths ranged from approximately 18 feet to 34 feet. Groundwater samples were collected using dedicated disposable bailers after at least three well volumes of water were purged from each well. Samples for dissolved metals were lab filtered within 24 hours of sampling. Samples were collected in laboratory-provided sample containers and submitted to Con-Test under chain-of-custody for EPH and VPH and dissolved lead. The EBI groundwater sample results are summarized in **Table 1**. Low levels of EPH and VPH compounds were detected in groundwater samples from EB-01-MW and EB-02-MW. No EPH/VPH compounds were detected above the applicable MCP RCGW-2 Reportable Concentrations in samples submitted for analysis. The earlier detections of lead and pyrene in groundwater from temporary well 372-EBI-02 were not replicated in the proximal permanent well EBI-02-MW; therefore, the earlier detections of lead and pyrene were not considered by EBI to be representative of actual Site conditions. Dissolved lead was detected in EBI-03-MW at 0.0085 mg/L, below the RCGW-2 Reportable Concentration for lead of 0.01 mg/L. Dissolved lead was also detected in well EBI-04-MW at 0.028 mg/L, above the RCGW-2 threshold. Wells EBI-03-MW and EBI-04-MW are located in the upgradient portion of the Site. The samples from wells EBI-01-MW and EBI-02-MW, located in the downgradient portion of the Site did not contain detectable concentrations of dissolved lead. Note that the well EBI-04-MW was reported to have a high sediment content in the water during sampling. While the samples were filtered and preserved at the lab within 24 hours of sampling, EBI believed that there might have been a high bias for lead in the April 2016 sample collected from EBI-04-MW due to the high turbidity content of the sample.

February 2017

On February 23, 2017, EBI collected groundwater samples from three (3) of the four (4) permanent wells remaining at the Site. Well EBI-02-MW was reportedly destroyed in May 2016 during UST removal excavations and was not sampled in February 2017. Groundwater samples were collected using a peristaltic pump and disposable tubing via low-flow methodology and field filtered using a 0.45-micron filter. The samples were placed in laboratory-provided sample containers and submitted to Con-Test for dissolved lead analyses. As shown in **Table 1**, concentrations of dissolved lead were not reported above the laboratory reporting limits in any of the three groundwater samples submitted for analysis in February 2017 including well EBI- 03-MW and EBI-04-MW where the previous detections of lead in groundwater were observed.

7.2 FSL Groundwater Sampling Activities

On September 28 and 29, 2021, and November 3, 2021, FSL personnel conducted a limited subsurface investigation across the Property. FSL personnel supervised drilling operations performed by Eastern Analytical, Inc. of Concord, NH and Technical Drilling Services, Inc. and utilizing a track mounted Geoprobe providing direct push to conduct test borings. Seventeen (17) test borings were advanced by a track-mounted Geoprobe unit to a depth of 5 feet below ground surface (bgs) at FSL-1 and FSL-5; 10 feet bgs at FSL-10 through FSL-17; 15 feet bgs at FSL-4, FSL-5, FSL-6, and FSL-9; and 25 feet bgs at FSL-2, FSL-3, and FSL-7). FSL-2, FSL-3 and FSL-7 were converted in 2-inch groundwater monitoring wells. See **Figure 4** for FSL sample locations.

One (1) composite soil sample was collected from each 5-foot soil range from each of the seventeen (17) sampling areas for 44 total samples (refer to **Figure 5**). The soil samples were relinquished to Alpha Analytical Inc. ("AAI") of Westborough, MA, a Massachusetts state certified analytical testing laboratory, to be analyzed according to Massachusetts Interim Policy No. COMM-97-001 ("Reuse and Disposal of Contaminated Soil at Massachusetts Landfills"). Composite samples of each soil boring in each soil boring area were submitted for laboratory analysis of MCP-14 metals, conductivity, flashpoint, pH, polychlorinated biphenyls (PCBs), reactivity, semi-volatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH), and Toxicity Characteristic Leaching Procedure (TCLP) according to Method 1311, 40 CFR § 261.24. Grab samples from each soil boring area were relinquished to AAI to be analyzed for VOCs. See **Table 2** for results. Laboratory analytical reports are attached to this letter. Several TPH, SVOCs, VOCs and MCP-14 metals were detected above their respective MCP RCS-1 values. Lead was analyzed by the TCLP via U.S. EPA Method 1311 in sample FSL-2 5-10', FSL-4 5-10', FSL-8 0-5' and FSL-9 0-5'. TCLP lead was detected above the TCLP limit of 5 mg/l in FSL-9 0-5', and is therefore as a characteristic hazardous waste in accordance with EPA regulations. The area at FSL-9 0-5' will be removed first and additional sampling will be done in this area to confirm no additional characteristic hazardous waste remains before additional areas are excavated. The remainder of the TCLP analysis for lead were below the TCLP limit of 5 mg/l in all three (3) samples, and are therefore not a characteristic hazardous waste.

On October 9, 2020, FSL personnel purged monitoring well FSL-MW3, which is located in the proposed deepest excavation areas along Highgate Street. FSL utilized low flow peristaltic pump techniques prior to sampling (purging a minimum of three (3) well volumes), and then collected groundwater samples from the well using dedicated tubing. Groundwater was encountered at approximately 22.9 feet bgs. The groundwater sample was relinquished to Con-Test Analytical, Inc. (Con-Test) of East Longmeadow, MA, to be analyzed for total suspended solids (TSS), dissolved RGP Metals, alkalinity, salinity, hardness, pH and full USEPA remediation general permit (RGP) parameters for NPDES Permit No. MAG910000. See **Table 3** for results. TSS (62,000 ug/l) was detected above the RGP discharged limitation of 30 mg/l, which will require treatment before discharge under the RGP. Total metals chromium (4.3 ug/l), copper (6.1 ug/l), lead (1.7 ug/l), selenium (4.0 ug/l) were detected at concentrations below their respective MADEP MCP-RGW-2 concentrations. Dissolved metals copper (3.4 ug/l) and lead (1.8 ug/l) were detected at concentrations below their respective MADEP MCP-RGW-2 concentrations and applicable TBEL or WQBEL (refer to section 8.0 below for a discussion of the TBELs and WQBELs).

Hexachlorobenzene in the sample from FSL-MW3 was below laboratory detection limits (LDLs). However, the LDL for Hexachlorobenzene was reported as 9.71 ug/L, above the MADEP MCP-RGW-2 concentration of 1 ug/L. Hexachlorobenzene (HCB) is an organochlorine compound that was widely used in the 1940s and 1950s as a fungicidal wood-preserving agent and to control wheat bunt (A. Pouch, 2018).

HCB has also been used as a porosity control agent in the manufacture of graphite anodes, as a peptizing agent in the production of nitroso and styrene rubber for tires and in the production of pyrotechnics for the US and Russian military. The Site has no history of any industrial manufacturing or production. Therefore, FSL believes that HCB is not a contaminant of concern at the Site.

On October 9, 2020, FSL also collected a sample from the Charles River in the vicinity of the Outfall No. SDO-037 (see Figures 5 and 6 for location) and analyzed for the following: pH, hardness, alkalinity, salinity, and soluble metals. See receiving waters analytical data are summarized in the attached **Table 3**.

8.0 GROUNDWATER TREATMENT SYSTEM

Based on the groundwater analytical data collected from the site, raw discharged groundwater is expected to contain TSS, heavy metals, VOCs, SVOCs, and oil & grease. MADEP has approved a dilution factor of 73.4 (based upon a 7Q10 downstream flow of 15.64 million gallons per day [MGD]). This dilution factor and the analytical data collected from the site and receiving waters were used to calculate Water Quality Based Effluent Limitations (WQBELs). It was determined that Technology Based Effluent Limitations (TBELs) apply for all analytes. The WQBEL calculation spreadsheet and TBEL and WQBEL effluent limitations are included in **Appendix B**.

Based upon the soil and groundwater analytical data collected to-date, the proposed groundwater treatment system for this project consists of an influent Oil Water Separator (OWS) tank, bag filters, organoclay media, and liquid-phase activated carbon adsorbers. Based upon the total metals and dissolved metals analytical data, it is assumed that any metals present in the raw water are associated with the Total Suspended Solids (TSS) and can be removed by settling followed by mechanical filtration such as bag filtration. The treatment system schematic is depicted on **Figure 6** attached.

9.0 GROUNDWATER DISCHARGE

Dewatering activities are anticipated to be required based upon the maximum depth of excavation (25 feet bgs) and the high groundwater level measured on the subject site during assessment activities (20 feet bgs). On-site recharge of groundwater collected during construction activities at this site is anticipated to be unfeasible. Therefore, groundwater will be required to be discharged off-site via the municipal storm drain. Correspondence with personnel at BWSC indicates that the storm drainage system that services Symphony Road ultimately discharges via Outfall No. SDO-037 into the Charles River. Outfall No. SDO-037 is approximately 3,830 feet to the northwest of the subject Site. The location of Outfall No. CSO-023 is depicted on **Figure 7** and **8**. The latitude and longitude coordinates of Outfall No. SDO-037 are 42.36485 North and -71.13846 East. The latitude and longitude coordinates of the storm drain grate in Cambridge Street (the primary groundwater discharge point for this project) is 42.35548 North and -71.13266 East.

10.0 SUMMARY

FSL is pleased to submit this application on behalf of Allston Square Realty Trust for the purpose of obtaining authorization to discharge groundwater from the project construction site under the provisions of the Massachusetts Remediation General Permit MAG9100000.

Based upon the soil and groundwater analytical data collected to-date, treatment of encountered groundwater will need to be treated prior to discharge in order to meet the requisite TBELs and WQBELs. The proposed groundwater treatment system for this project consists of an influent Oil Water Separator

(OWS) tank, bag filters, organoclay media, and liquid-phase activated carbon adsorbers. Based upon the total metals and dissolved metals analytical data, it is assumed that any metals present in the raw water are associated with the Total Suspended Solids (TSS) and can be removed by settling followed by mechanical filtration such as bag filtration.

Thank you for the opportunity to provide you with this application. Please feel free to contact the undersigned should you have any questions.

Sincerely,

Andrew Pieroni
Project Manager

Bruce Hoskins, P.E., LSP No. 7109
Senior Project Manager

11.0 References

A. Pouch, c. a. (2018). *The history of hexachlorobenzene accumulation in Svalbard fjords.* Sopot: Institute of Oceanology Polish Academy of Sciences,.

EPA, U. (n.d.). *Remediation General Permit (RGP) for Massachusetts & New Hampshire - NPDES Permit No. MAG910000 and NHG910000.* 2017: US EPA.

EPA, U. (n.d.). *Technical Factsheet on: HEXACHLOROBENZENE.* US EPA.

MADEP. (n.d.). *Massachusetts Contigency Plan.* MADEP.

ENCLOSED

RGP NOI
BWSC Dewatering Application
Figures
Analytical Tables
Dilution Factor and WQBEL Calculations
BWSC/MADEP Correspondence
Analytical Lab Reports – FSL Groundwater Samples

II. Suggested Format for the Remediation General Permit Notice of Intent (NOI)

A. General site information:

<table>
<tr><td rowspan="2">1. Name of site:
1 Highgate Street</td><td colspan="3">Site address: 372 Cambridge Street
Street:</td></tr>
<tr><td>City: Boston</td><td>State: MA</td><td>Zip: 02134</td></tr>
<tr><td rowspan="4">2. Site owner
Allston Square Realty Trust

Owner is (check one): ☐ Federal ☐ State/Tribal ■ Private
☐ Other; if so, specify:</td><td colspan="3">Contact Person: Josh Fetterman</td></tr>
<tr><td colspan="2">Telephone: (617) 470-2111</td><td>Email: josh.fetterman@cityrealtyboston.c</td></tr>
<tr><td colspan="3">Mailing address: 320 Washington Street, Suite 3FF
Street:</td></tr>
<tr><td>City: Brookline</td><td>State: MA</td><td>Zip: 02445</td></tr>
<tr><td rowspan="4">3. Site operator, if different than owner
Rise Construction Management</td><td colspan="3">Contact Person: Brian Regan</td></tr>
<tr><td colspan="2">Telephone: (877) 828-7473</td><td>Email: bregan@rise.boston</td></tr>
<tr><td colspan="3">Mailing address:
Street: 12 Ericsson Street</td></tr>
<tr><td>City: Boston</td><td>State: MA</td><td>Zip: 02122</td></tr>
<tr><td>4. NPDES permit number assigned by EPA:

NPDES permit is (check all that apply: ■ RGP ☐ DGP ☐ CGP
☐ MSGP ☐ Individual NPDES permit ☐ Other; if so, specify:</td><td colspan="3">5. Other regulatory program(s) that apply to the site (check all that apply):
■ MA Chapter 21e; list RTN(s):
3-34506
☐ NH Groundwater Management Permit or Groundwater Release Detection Permit:
☐ CERCLA
☐ UIC Program
☐ POTW Pretreatment
☐ CWA Section 404</td></tr>
</table>

B. Receiving water information:

1. Name of receiving water(s):	Waterbody identification of receiving water(s):	Classification of receiving water(s):
Charles River	MA72-36	B

Receiving water is (check any that apply): ☐ Outstanding Resource Water ☐ Ocean Sanctuary ☐ territorial sea ☐ Wild and Scenic River

2. Has the operator attached a location map in accordance with the instructions in B, above? (check one): ■ Yes ☐ No

Are sensitive receptors present near the site? (check one): ☐ Yes ■ No
If yes, specify:

3. Indicate if the receiving water(s) is listed in the State's Integrated List of Waters (i.e., CWA Section 303(d)). Include which designated uses are impaired, and any pollutants indicated. Also, indicate if a final TMDL is available for any of the indicated pollutants. For more information, contact the appropriate State as noted in Part 4.6 of the RGP. The Charles River is identified as MA72-36 and MA72-38 by MassDEP. There are approved TMDL (pathogens and phosphorus) for these segments.

4. Indicate the seven day-ten-year low flow (7Q10) of the receiving water determined in accordance with the instructions in Appendix V for sites located in Massachusetts and Appendix VI for sites located in New Hampshire.	15.64
5. Indicate the requested dilution factor for the calculation of water quality-based effluent limitations (WQBELs) determined in accordance with the instructions in Appendix V for sites in Massachusetts and Appendix VI for sites in New Hampshire.	73.4

6. Has the operator received confirmation from the appropriate State for the 7Q10and dilution factor indicated? (check one): ■ Yes ☐ No
If yes, indicate date confirmation received: Confirmation received from MassDEP via email on July 28, 2021

7. Has the operator attached a summary of receiving water sampling results as required in Part 4.2 of the RGP in accordance with the instruction in Appendix VIII? (check one): ■ Yes ☐ No

C. Source water information:

1. Source water(s) is (check any that apply):

■ Contaminated groundwater Has the operator attached a summary of influent sampling results as required in Part 4.2 of the RGP in accordance with the instruction in Appendix VIII? (check one): ■ Yes ☐ No	☐ Contaminated surface water Has the operator attached a summary of influent sampling results as required in Part 4.2 of the RGP in accordance with the instruction in Appendix VIII? (check one): ☐ Yes ☐ No	☐ The receiving water ☐ A surface water other than the receiving water; if so, indicate waterbody:	☐ Potable water; if so, indicate municipality or origin: ☐ Other; if so, specify:

2. Source water contaminants: TSS and PAHs	
a. For source waters that are contaminated groundwater or contaminated surface water, indicate are any contaminants present that are not included in the RGP? (check one): ☐ Yes ■ No If yes, indicate the contaminant(s) and the maximum concentration present in accordance with the instructions in Appendix VIII.	b. For a source water that is a surface water other than the receiving water, potable water or other, indicate any contaminants present at the maximum concentration in accordance with the instructions in Appendix VIII? (check one): ☐ Yes ☐ No
3. Has the source water been previously chlorinated or otherwise contains residual chlorine? (check one): ☐ Yes ■ No	

D. Discharge information

1.The discharge(s) is a(n) (check any that apply): ☐ Existing discharge ■ New discharge ☐ New source	
Outfall(s): SDO-037	Outfall location(s): (Latitude, Longitude) 42.36485, -71.13846
Discharges enter the receiving water(s) via (check any that apply): ☐ Direct discharge to the receiving water ■ Indirect discharge, if so, specify: Discharge to municipal (BWSC) storm drain outfall indirectly into the Charles River. ☐ A private storm sewer system ■ A municipal storm sewer system If the discharge enters the receiving water via a private or municipal storm sewer system: Has notification been provided to the owner of this system? (check one): ■ Yes ☐ No Has the operator has received permission from the owner to use such system for discharges? (check one): ☐ Yes ■ No, if so, explain, with an estimated timeframe for obtaining permission: Documentation has been submitted to BWSC in tandem with this NOI. Has the operator attached a summary of any additional requirements the owner of this system has specified? (check one): ■ Yes ☐ No	
Provide the expected start and end dates of discharge(s) (month/year): November 2021-October 2022 Indicate if the discharge is expected to occur over a duration of: ■ less than 12 months ☐ 12 months or more ☐ is an emergency discharge	
Has the operator attached a site plan in accordance with the instructions in D, above? (check one): ■ Yes ☐ No	

<table>
<tr><td>2. Activity Category: (check all that apply)</td><td colspan="2">3. Contamination Type Category: (check all that apply)</td></tr>
<tr><td rowspan="4">☐ I – Petroleum-Related Site Remediation
☐ II – Non-Petroleum-Related Site Remediation
■ III – Contaminated Site Dewatering
☐ IV – Dewatering of Pipelines and Tanks
☐ V – Aquifer Pump Testing
☐ VI – Well Development/Rehabilitation
☐ VII – Collection Structure Dewatering/Remediation
☐ VIII – Dredge-Related Dewatering</td><td colspan="2">a. If Activity Category I or II: (check all that apply)

☐ A. Inorganics
☐ B. Non-Halogenated Volatile Organic Compounds
☐ C. Halogenated Volatile Organic Compounds
☐ D. Non-Halogenated Semi-Volatile Organic Compounds
☐ E. Halogenated Semi-Volatile Organic Compounds
☐ F. Fuels Parameters</td></tr>
<tr><td colspan="2">b. If Activity Category III, IV, V, VI, VII or VIII: (check either G or H)</td></tr>
<tr><td>■ G. Sites with Known Contamination</td><td>☐ H. Sites with Unknown Contamination</td></tr>
<tr><td>c. If Category III-G, IV-G, V-G, VI-G, VII-G or VIII-G: (check all that apply)

■ A. Inorganics
☐ B. Non-Halogenated Volatile Organic Compounds
☐ C. Halogenated Volatile Organic Compounds
■ D. Non-Halogenated Semi-Volatile Organic Compounds
☐ E. Halogenated Semi-Volatile Organic Compounds
☐ F. Fuels Parameters</td><td>d. If Category III-H, IV-H, V-H, VI-H, VII-H or VIII-H Contamination Type Categories A through F apply</td></tr>
</table>

4. Influent and Effluent Characteristics

Parameter	Known or believed absent	Known or believed present	# of samples	Test method (#)	Detection limit (µg/l)	Influent		Effluent Limitations	
						Daily maximum (µg/l)	Daily average (µg/l)	TBEL	WQBEL
A. Inorganics									
Ammonia		✓	1	EPA350.1	100	<DL	<DL	Report mg/L	---
Chloride		✓	1	300.0	45	5700	5700	Report µg/l	---
Total Residual Chlorine	✓		1	4500	4	<DL	<DL	0.2 mg/L	800
Total Suspended Solids		✓	1	2540D	2200	62000	62000	30 mg/L	---
Antimony		✓	1	200.8	1	<DL	<DL	206 µg/L	46532
Arsenic		✓	1	200.8	0.8	<DL	<DL	104 µg/L	625
Cadmium		✓	1	200.8	0.20	<DL	<DL	10.2 µg/L	0.0251
Chromium III		✓	1	200.8	NA	4.3	4.3	323 µg/L	226.2
Chromium VI	✓		1	3500	4	<DL	<DL	323 µg/L	831.4
Copper		✓	1	200.8	1.0	3.4	3.4	242 µg/L	0.6
Iron		✓	1	200.8	50	<DL	<DL	5,000 µg/L	72706
Lead		✓	1	200.8	0.5	1.8	1.8	160 µg/L	0.05
Mercury		✓	1	245.1	0.1	<DL	<DL	0.739 µg/L	65.86
Nickel		✓	1	200.8	5.0	<DL	<DL	1,450 µg/L	3.4
Selenium		✓	1	200.8	5.0	<DL	<DL	235.8 µg/L	5.0
Silver	✓		1	200.8	0.2	<DL	<DL	35.1 µg/L	1.1
Zinc		✓	1	200.8	10	<DL	<DL	420 µg/L	7.9
Cyanide	✓		1	SW-846	5	<DL	<DL	178 mg/L	378.1
B. Non-Halogenated VOCs									
Total BTEX		✓	1	624	2.0	<DL	<DL	100 µg/L	---
Benzene		✓	1	624	0.18	<DL	<DL	5.0 µg/L	---
1,4 Dioxane	✓		1	624	22.5	<DL	<DL	200 µg/L	---
Acetone		✓	1	624	3.79	<DL	<DL	7.97 mg/L	---
Phenol		✓	1	625	9.71	<DL	<DL	1,080 µg/L	21812

Parameter	Known or believed absent	Known or believed present	# of samples	Test method (#)	Detection limit (µg/l)	Influent		Effluent Limitations	
						Daily maximum (µg/l)	Daily average (µg/l)	TBEL	WQBEL
C. Halogenated VOCs									
Carbon Tetrachloride	✓			624		<DL	<DL	4.4 µg/L	116.3
1,2 Dichlorobenzene	✓		1	625	4.85	<DL	<DL	600 µg/L	---
1,3 Dichlorobenzene	✓		1	625	4.85	<DL	<DL	320 µg/L	---
1,4 Dichlorobenzene	✓		1	625	4.85	<DL	<DL	5.0 µg/L	---
Total dichlorobenzene	✓		1	624	4.85	<DL	<DL	763 µg/L in NH	---
1,1 Dichloroethane	✓			624		<DL	<DL	70 µg/L	---
1,2 Dichloroethane	✓			624		<DL	<DL	5.0 µg/L	---
1,1 Dichloroethylene	✓			624		<DL	<DL	3.2 µg/L	---
Ethylene Dibromide	✓		1	504.1	0.021	<DL	<DL	0.05 µg/L	---
Methylene Chloride	✓			624		<DL	<DL	4.6 µg/L	---
1,1,1 Trichloroethane	✓			624		<DL	<DL	200 µg/L	---
1,1,2 Trichloroethane	✓			624		<DL	<DL	5.0 µg/L	---
Trichloroethylene	✓		1	624	2.0	<DL	<DL	5.0 µg/L	---
Tetrachloroethylene	✓		1	624	2.0	<DL	<DL	5.0 µg/L	239.9
cis-1,2 Dichloroethylene	✓			624		<DL	<DL	70 µg/L	---
Vinyl Chloride	✓		1	624	2.0	<DL	<DL	2.0 µg/L	---
D. Non-Halogenated SVOCs									
Total Phthalates	✓		2	625	5	<DL	<DL	190 µg/L	
Diethylhexyl phthalate	✓		0					101 µg/L	160
Total Group I PAHs		✓	2	625	2	10.2	10.2	1.0 µg/L	---
Benzo(a)anthracene		✓	2	625	1.9	2.7	2.7	As Total PAHs	0.2763
Benzo(a)pyrene		✓	2	625	1.9	2.2	2.2		0.2763
Benzo(b)fluoranthene			2	625	1.9	2.9	2.9		0.2763
Benzo(k)fluoranthene	✓		2	625	1.9	<DL	<DL		0.2763
Chrysene		✓	2	625	1.9	2.4	2.4		0.2763
Dibenzo(a,h)anthracene	✓		2	625	1.9	<DL	<DL		0.2763
Indeno(1,2,3-cd)pyrene	✓		2	625	1.9	<DL	<DL		0.2763

Parameter	Known or believed absent	Known or believed present	# of samples	Test method (#)	Detection limit (µg/l)	Influent		Effluent Limitations	
						Daily maximum (µg/l)	Daily average (µg/l)	TBEL	WQBEL
Total Group II PAHs		✓	2	625	1.9	107.1	107.1	100 µg/L	---
Naphthalene		✓	1	625	4.85	<DL	<DL	20 µg/L	---
E. Halogenated SVOCs									
Total PCBs	✓		1	5.608	0.250	<DL	<DL	0.000064 µg/L	---
Pentachlorophenol	✓		1	625	0.97	<DL	<DL	1.0 µg/L	---
F. Fuels Parameters									
Total Petroleum Hydrocarbons		✓		1664A	4	<DL	<DL	5.0 mg/L	---
Ethanol	✓		1	624	50	<DL	<DL	Report mg/L	---
Methyl-tert-Butyl Ether	✓		1	624	2	<DL	<DL	70 µg/L	1454
tert-Butyl Alcohol	✓			624	100	<DL	<DL	120 µg/L in MA 40 µg/L in NH	---
tert-Amyl Methyl Ether	✓			624	20	<DL	<DL	90 µg/L in MA 140 µg/L in NH	---
Other (i.e., pH, temperature, hardness, salinity, LC_{50}, additional pollutants present); if so, specify:									
pH		✓	1	4500H+B	N/A	7.8	7.8		
Temperature		✓	1	YSI	N/A	11	11		
Hardness		✓	1	200.7	1400	310.000	310.000		
Alkalinity		✓	1	2320B	1.000	59.000	62.000		
Salinity		✓	1	2520B	<DL	1.300	1.300		
4,4'-DDT		✓	2	608	0.040	0.049	0.049		
Dissolved Lead		✓	1	200.8	0.5	1.8	1.8		
Dissolved Arsenic		✓	1	200.8	0.8	<DL	<DL		
	✓								

E. Treatment system information

1. Indicate the type(s) of treatment that will be applied to effluent prior to discharge: (check all that apply)

☐ Adsorption/Absorption ☐ Advanced Oxidation Processes ☐ Air Stripping ■ Granulated Activated Carbon ("GAC")/Liquid Phase Carbon Adsorption
■ Ion Exchange ☐ Precipitation/Coagulation/Flocculation ■ Separation/Filtration ■ Other; if so, specify:
Organoclay media

2. Provide a written description of all treatment system(s) or processes that will be applied to the effluent prior to discharge.
Oil Water Separator (OWS) tank, bag filters, organoclay media, liquid phase activated carbon adsorbers. And (if necessary): Ion exchange resin filter.

Identify each major treatment component (check any that apply):
☐ Fractionation tanks☐ Equalization tank ■ Oil/water separator ☐ Mechanical filter ☐ Media filter
☐ Chemical feed tank ☐ Air stripping unit ■ Bag filter ■ Other; if so, specify: Organoclay media.

Indicate if either of the following will occur (check any that apply): And (if necessary): Ion Exchange Resin Filter.
☐ Chlorination ☐ De-chlorination

3. Provide the **design flow capacity** in gallons per minute (gpm) of the most limiting component. Indicate the most limiting component: Equalization tank Is use of a flow meter feasible? (check one): ■ Yes ☐ No, if so, provide justification:	150
Provide the proposed maximum effluent flow in gpm.	150
Provide the average effluent flow in gpm.	100
If Activity Category IV applies, indicate the estimated total volume of water that will be discharged:	

4. Has the operator attached a schematic of flow in accordance with the instructions in E, above? (check one): ■ Yes ☐ No

F. Chemical and additive information

1. Indicate the type(s) of chemical or additive that will be applied to effluent prior to discharge or that may otherwise be present in the discharge(s): (check all that apply)

☐ Algaecides/biocides ☐ Antifoams ☐ Coagulants ☐ Corrosion/scale inhibitors ☐ Disinfectants ☐ Flocculants ☐ Neutralizing agents ☐ Oxidants ☐ Oxygen ☐ scavengers ☐ pH conditioners ☐ Bioremedial agents, including microbes ☐ Chlorine or chemicals containing chlorine ☐ Other; if so, specify:

2. Provide the following information for each chemical/additive, using attachments, if necessary:

a. Product name, chemical formula, and manufacturer of the chemical/additive;
b. Purpose or use of the chemical/additive or remedial agent;
c. Material Safety Data Sheet (MSDS) and Chemical Abstracts Service (CAS) Registry number for each chemical/additive;
d. The frequency (hourly, daily, etc.), duration (hours, days), quantity (maximum and average), and method of application for the chemical/additive;
e. Any material compatibility risks for storage and/or use including the control measures used to minimize such risks; and
f. If available, the vendor's reported aquatic toxicity (NOAEL and/or LC50 in percent for aquatic organism(s)).

3. Has the operator attached an explanation which demonstrates that the addition of such chemicals/additives may be authorized under this general permit in accordance with the instructions in F, above? (check one): ☐ Yes ☐ No; if no, has the operator attached data that demonstrates each of the 126 priority pollutants in CWA Section 307(a) and 40 CFR Part 423.15(j)(1) are non-detect in discharges with the addition of the proposed chemical/additive? (check one): ☐ Yes ☐ No

G. Endangered Species Act eligibility determination

1. Indicate under which criterion the discharge(s) is eligible for coverage under this general permit:

■ **FWS Criterion A**: No endangered or threatened species or critical habitat are in proximity to the discharges or related activities or come in contact with the "action area".

☐ **FWS Criterion B**: Formal or informal consultation with the FWS under section 7 of the ESA resulted in either a no jeopardy opinion (formal consultation) or a written concurrence by FWS on a finding that the discharges and related activities are "not likely to adversely affect" listed species or critical habitat (informal consultation). Has the operator completed consultation with FWS? (check one): ☐ Yes ☐ No; if no, is consultation underway? (check one): ☐ Yes ☐ No

☐ **FWS Criterion C**: Using the best scientific and commercial data available, the effect of the discharges and related activities on listed species and critical habitat have been evaluated. Based on those evaluations, a determination is made by EPA, or by the operator and affirmed by EPA, that the discharges and related activities will have "no effect" on any federally threatened or endangered listed species or designated critical habitat under the jurisdiction of the FWS. This determination was made by: (check one) ☐ the operator ☐ EPA ☐ Other; if so, specify:

☐ **NMFS Criterion**: A determination made by EPA is affirmed by the operator that the discharges and related activities will have "no effect" or are "not likely to adversely affect" any federally threatened or endangered listed species or critical habitat under the jurisdiction of NMFS and will not result in any take of listed species. Has the operator previously completed consultation with NMFS? (check one): ☐ Yes ☐ No

2. Has the operator attached supporting documentation of ESA eligibility in accordance with the instructions in Appendix I, and G, above? (check one): ☐ Yes ☐ No

Does the supporting documentation include any written concurrence or finding provided by the Services? (check one): ☐ Yes ☐ No; if yes, attach.

H. National Historic Preservation Act eligibility determination

1. Indicate under which criterion the discharge(s) is eligible for coverage under this general permit:

■ **Criterion A**: No historic properties are present. The discharges and discharge-related activities (e.g., BMPs) do not have the potential to cause effects on historic properties.

☐ **Criterion B**: Historic properties are present. Discharges and discharge related activities do not have the potential to cause effects on historic properties.

☐ **Criterion C**: Historic properties are present. The discharges and discharge-related activities have the potential to have an effect or will have an adverse effect on historic properties.

2. Has the operator attached supporting documentation of NHPA eligibility in accordance with the instructions in H, above? (check one): ■ Yes ☐ No

Does the supporting documentation include any written agreement with the State Historic Preservation Officer (SHPO), Tribal Historic Preservation Officer (TPHO), or other tribal representative that outlines measures the operator will carry out to mitigate or prevent any adverse effects on historic properties? (check one): ☐ Yes ■ No

I. Supplemental information

Describe any supplemental information being provided with the NOI. Include attachments if required or otherwise necessary.

N/A

Has the operator attached data, including any laboratory case narrative and chain of custody used to support the application? (check one): ■ Yes ☐ No

Has the operator attached the certification requirement for the Best Management Practices Plan (BMPP)? (check one): ■ Yes ☐ No

J. Certification requirement

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

BMPP certification statement:	A BMPP has been prepared in accordance with Section 2.5 of the Remediation General Permit. The BMPP is to be implemented at the start of discharge activities.
Notification provided to the appropriate State, including a copy of this NOI, if required.	Check one: Yes ■ No ☐
Notification provided to the municipality in which the discharge is located, including a copy of this NOI, if requested.	Check one: Yes ■ No ☐
Notification provided to the owner of a private or municipal storm sewer system, if such system is used for site discharges, including a copy of this NOI, if requested.	Check one: Yes ■ No ☐ NA ☐
Permission obtained from the owner of a private or municipal storm sewer system, if such system is used for site discharges. If yes, attach additional conditions. If no, attach explanation and timeframe for obtaining permission.	Check one: Yes ☐ No ☐ NA ■
Notification provided to the owner/operator of the area associated with activities covered by an additional discharge permit(s). Additional discharge permit is (check one): ☐ RGP ☐ DGP ☐ CGP ☐ MSGP ☐ Individual NPDES permit ☐ Other; if so, specify:	Check one: Yes ☐ No ☐ NA ■
Signature:	Date: 8/6/21
Print Name and Title:	Josh Fetterman, Project Manager

Boston Water and Sewer Commission
980 Harrison Avenue
Boston, MA 02119-2540

DEWATERING DISCHARGE PERMIT APPLICATION

OWNER / AUTHORIZED APPLICANT PROVIDE INFORMATION HERE:

Company Name: Allston Square Realty Trust Address: 372 Highgate Street

Phone Number: 617-470-2111 Fax number: _____

Contact person name: Josh Fetterman Title: Project Manager

Cell number: _____ Email address: josh.fetterman@cityrealtyboston.com

Permit Request (check one): ☒ New Application ☐ Permit Extension ☐ Other (Specify): _____

Owner's Information (if different from above):

Owner of property being dewatered: _____

Owner's mailing address: 320 Washington Street, Suite 3FF, Brookline, MA 02445 Phone number: _____

Location of Discharge & Proposed Treatment System(s):

Street number and name: 372 Cambridge Street Neighborhood Allston

Discharge is to a: ☐ Sanitary Sewer ☐ Combined Sewer ☒ Storm Drain ☐ Other (specify): _____

Describe Proposed Pre-Treatment System(s): Oil Water Separator (OWS) tank, bag filters, organoclay media, and liquid-phase activated carbon adsorbers

BWSC Outfall No. SDO-037 Receiving Waters Charles River

Temporary Discharges (Provide Anticipated Dates of Discharge): From 11/2021 To 10/2022

- ☐ Groundwater Remediation
- ☐ Utility/Manhole Pumping
- ☐ Accumulated Surface Water
- ☐ Tank Removal/Installation
- ☐ Test Pipe
- ☐ Hydrogeologic Testing
- ☒ Foundation Excavation
- ☐ Trench Excavation
- ☐ Other _____

Permanent Discharges

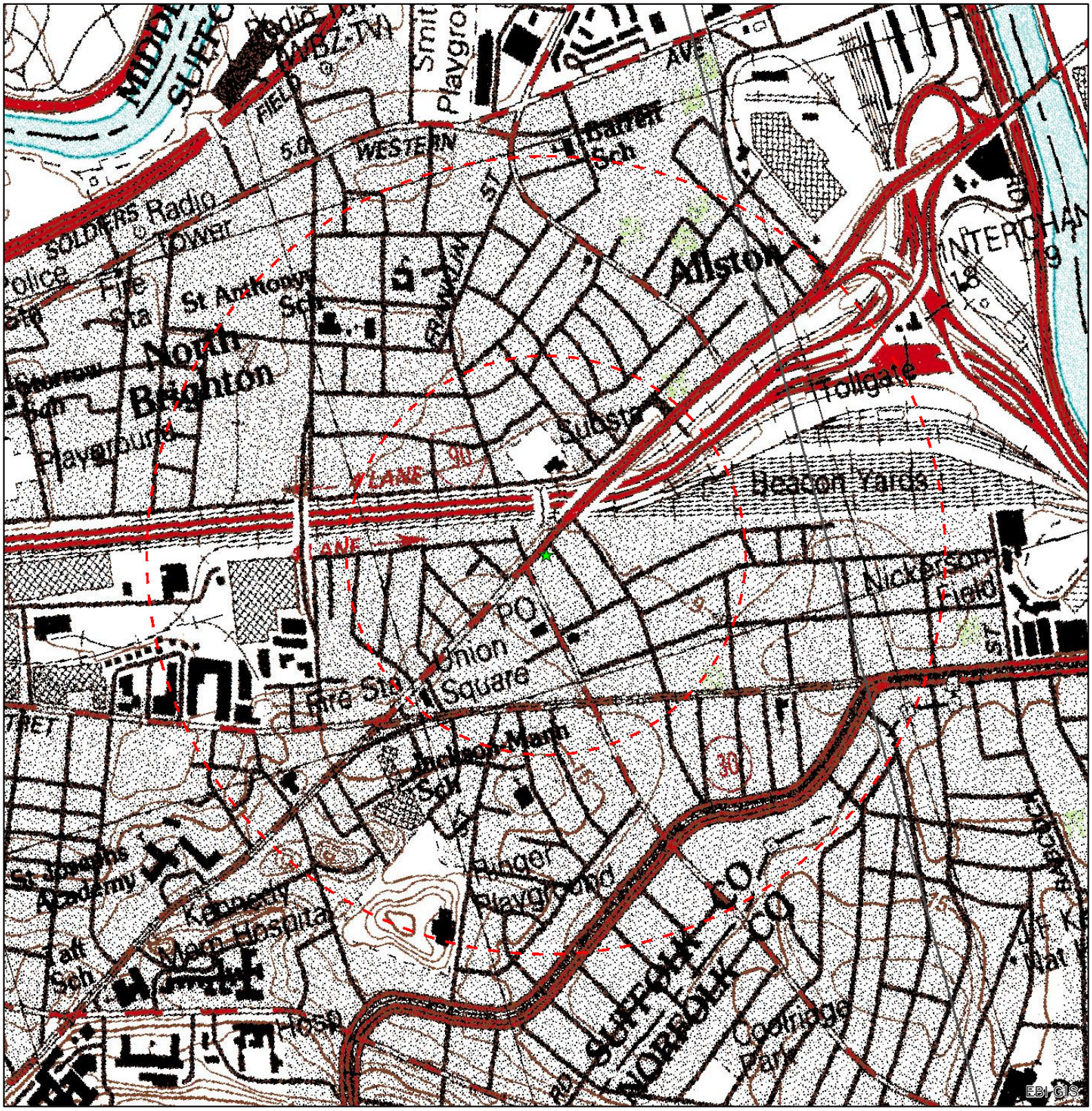
- ☐ Foundation Drainage
- ☐ Accumulated Surface Water
- ☐ Non-contact/Uncontaminated Process
- ☐ Crawl Space/Footing Drain
- ☐ Non-contact/Uncontaminated Cooling
- ☐ Other; _____

---

1. Attach a Site Plan showing the source of the discharge and the location of the point of discharge (i.e. the sewer pipe or catch basin). Include meter type, meter number, size, make and start reading. Note. All discharges to the Commission's sewer system will be assessed current sewer charges.
2. If discharging to a sanitary or combined sewer, attach a copy of MWRA's Sewer Use Discharge permit or application.
3. If discharging to a separate storm drain, attach a copy of EPA's NPDES Permit or NOI application, or NPDES Permit exclusion letter for the discharge, as well as other relevant information.
4. Dewatering Drainage Permit will be denied or revoked if applicant fails to obtain the necessary permits from MWRA or EPA.

Submit Completed Application to: Boston Water and Sewer Commission
Engineering Customer Services
980 Harrison Avenue, Boston, MA 02119
Attn: Matthew Tuttle, Engineering Customer Service
E-mail: tuttlemp@bwsc.org
Phone: 617-989-7204 Fax: 617-989-7716

Signature of Authorized Representative for Property Owner: _____ Date: 8/6/21



Legend

- ★ Project Site
- Site Radius at ¼ and ½ mile

Source: Selected data from ESRI, EBI & USGS

USGS 24K Quad: Newton, MA 1980, Boston South, MA 1980

Date: 12/2/2015

0 500 1,000 2,000 3,000 Feet

Figure 1 - Topographic Map

372 CAMBRIDGE STREET
ALLSTON, MA 02134

Source: Phase I Initial Site Investigation, May 10, 2017, by EBI Consulting

358 Chestnut Hill Avenue
Boston, MA 02135

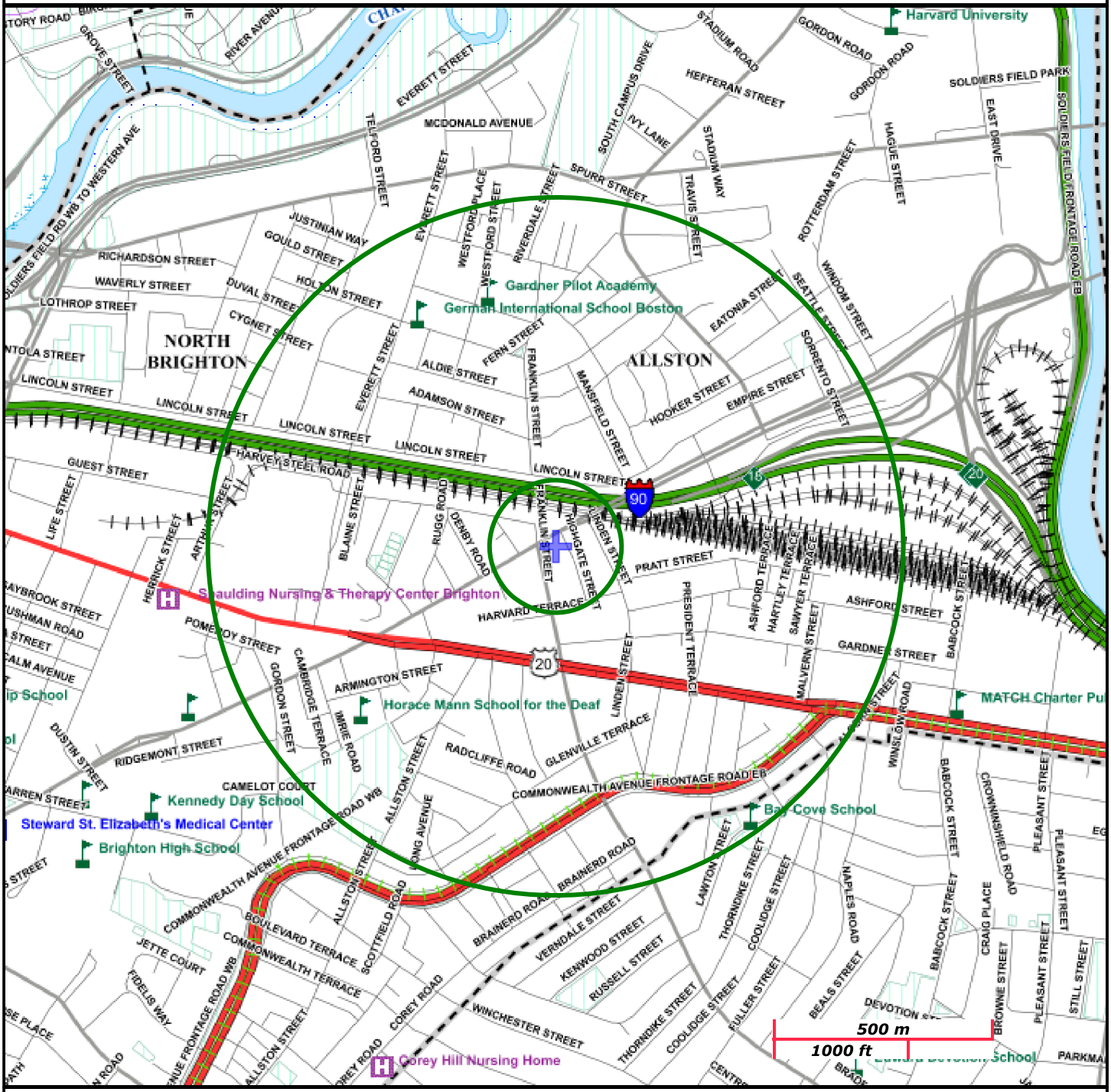
MassDEP - Bureau of Waste Site Cleanup

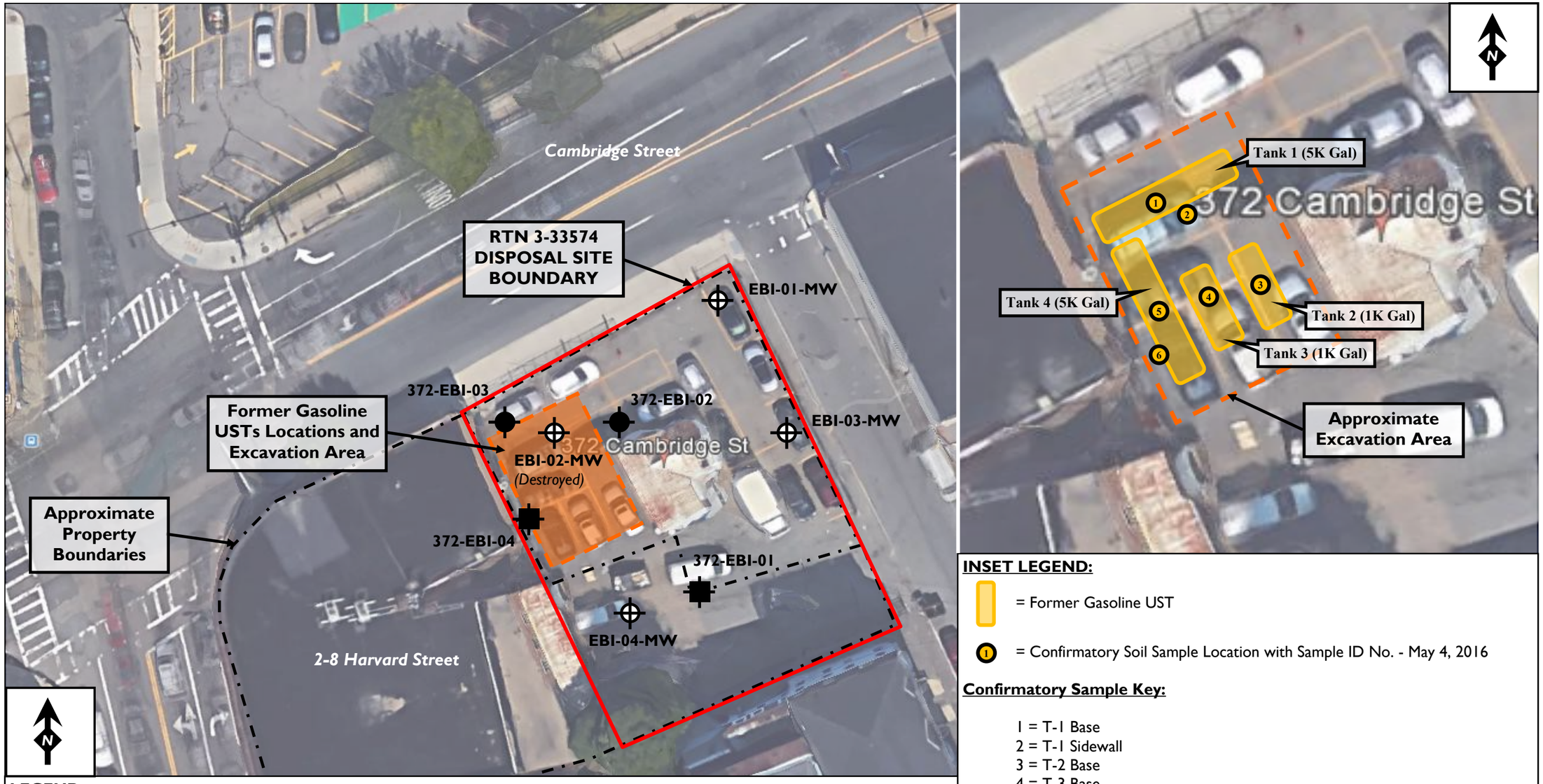
Phase 1 Site Assessment Map: 500 feet & 0.5 Mile Radii

Site Information:
1 HIGHGATE STREET
372 CAMBRIDGE STREET BOSTON, MA
3-000033574
NAD83 UTM Meters:
4691448mN , 324393mE (Zone: 19)
July 28, 2021

The information shown is the best available at the date of printing. However, it may be incomplete. The responsible party and LSP are ultimately responsible for ascertaining the true conditions surrounding the site. Metadata for data layers shown on this map can be found at: https://www.mass.gov/orgs/massgis-bureau-of-geographic-information.

MassDEP
Commonwealth of Massachusetts
Department of Environmental Protection





LEGEND

= EBI Soil Boring Location - January 6, 2016

= EBI Soil Boring with Temporary Monitoring Well Location - January 6, 2016

= EBI Permanent Monitoring Well Location - Installed March 29, 2016

INSET LEGEND:

= Former Gasoline UST

= Confirmatory Soil Sample Location with Sample ID No. - May 4, 2016

Confirmatory Sample Key:

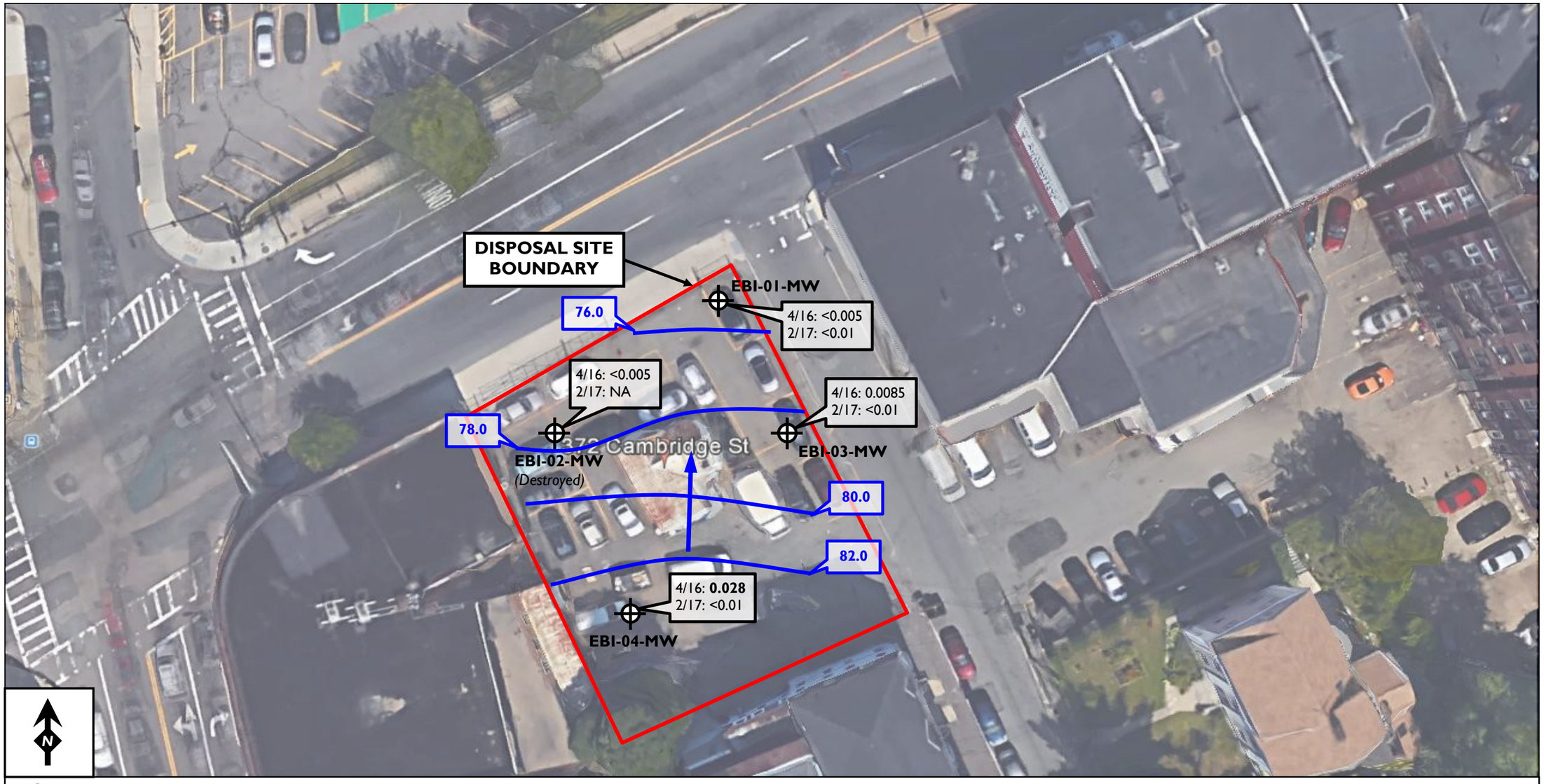
1 = T-1 Base
2 = T-1 Sidewall
3 = T-2 Base
4 = T-3 Base
5 = T-4 Base
6 = T-4 Sidewall

Approximate UST Dimensions:

5,000 Gallon tanks = 25' x 4' x 6.5'
1,000 Gallon tanks = 10' x 3' x 4'

Source:
EBI HASE I INITIAL SITE INVESTIGATION REPORT
May 2017

Figure 3 - Disposal Site Map
RTN 3-33574 - Former Gasoline Station - 372 Cambridge Street, Allston, Massachusetts



LEGEND

= EBI Permanent Monitoring Well Location - Installed March 29, 2016

= Apparent GW Flow Direction using April 2016 Elevation Data

= Groundwater Elevation Contour with Label in feet using April 2016 Elevation Data

4/16: <0.005
2/17: NA

= Dissolved Lead Concentrations (mg/L) in GW by Date
- **Bolded Values** Exceed Method 1 GW-2 Standard
- Concentrations from April 4, 2016 and February 23, 2017 Sampling Rounds Shown

Source:
EBI HASE I INITIAL SITE INVESTIGATION REPORT
May 2017

Figure 4 - Groundwater Contour Plan with GW Concentrations
RTN 3-33574 - Former Gasoline Station - 372 Cambridge Street, Allston, Massachusetts

	FSL Associates 358 Chestnut Hill Ave Boston, MA 02135	Figure 5 2020 Site Sample Location 372 Cambridge Street Boston, MA 02134	Legend 25' Soil Boring 15' Soil Boring 5' Soil Boring 5' Soil Boring *To Be Sampled*

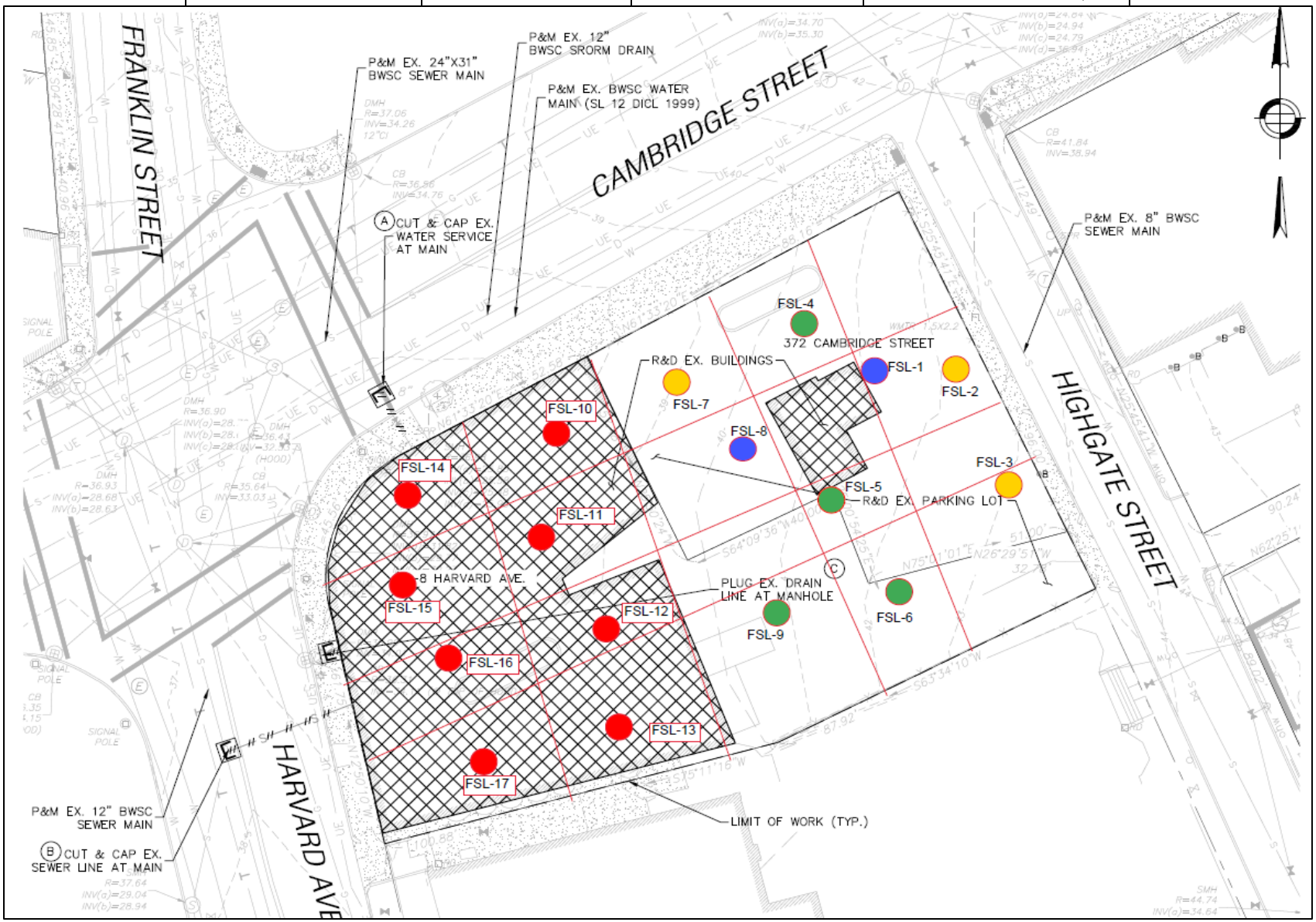
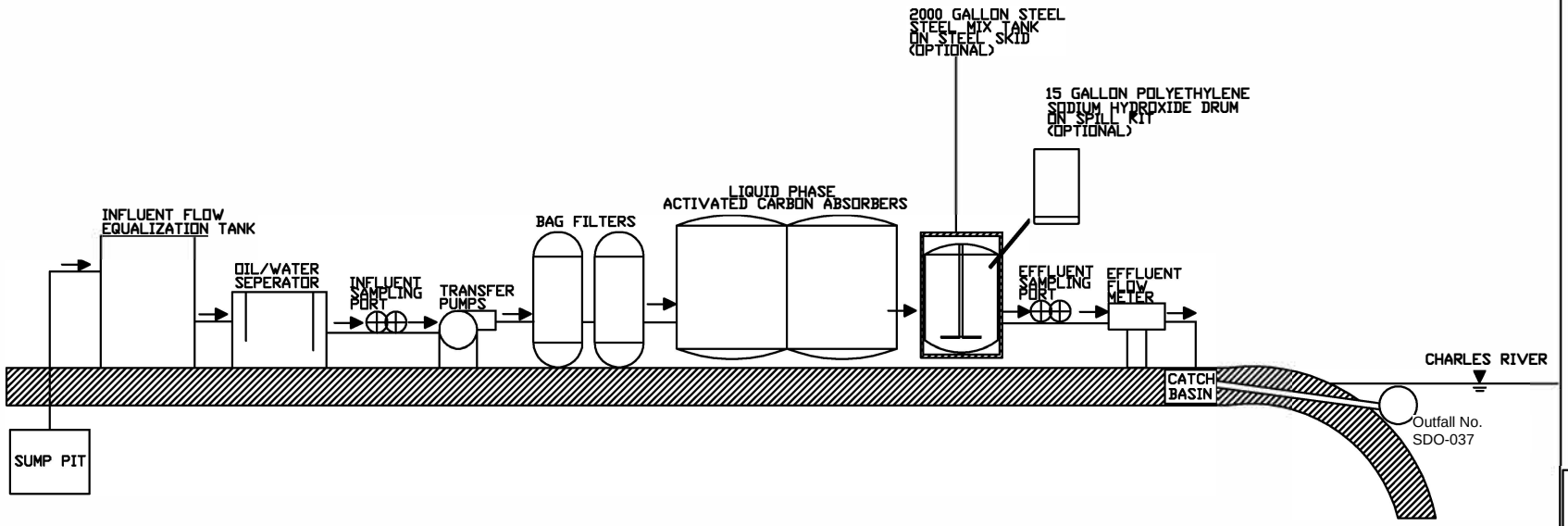


FIGURE 6

DEWATERING
SYSTEM SCHEMATIC
TREATMENT

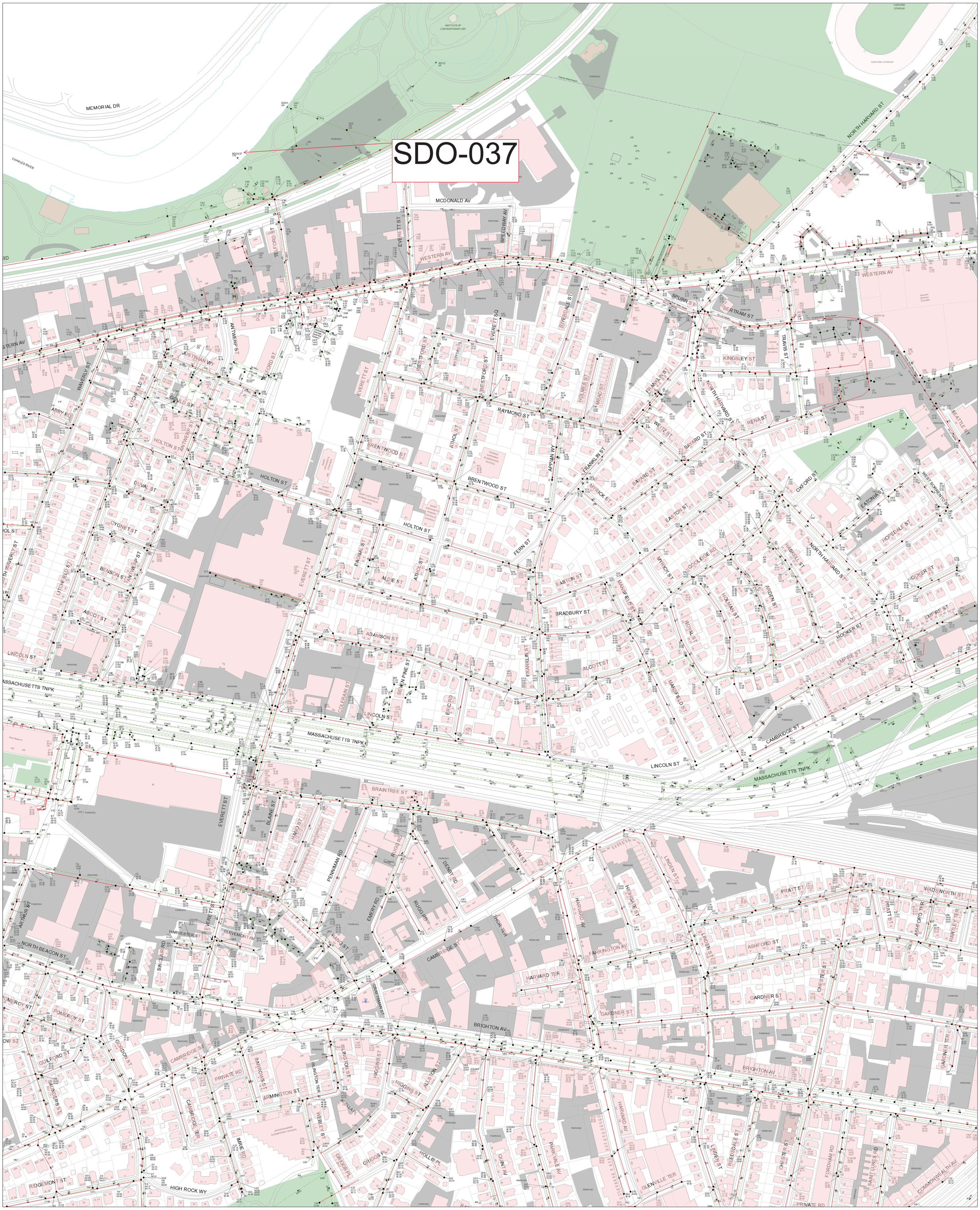
372 CAMBRIDGE STREET
BOSTON, MA 02134



358 CHESTNUT HILL AVENUE
BOSTON MASS 02135
(617) 233-0001

SCALE:	NTS
DRAWN:	AP
CHK'D:	JC
DATE:	07/08/21

SDO-037

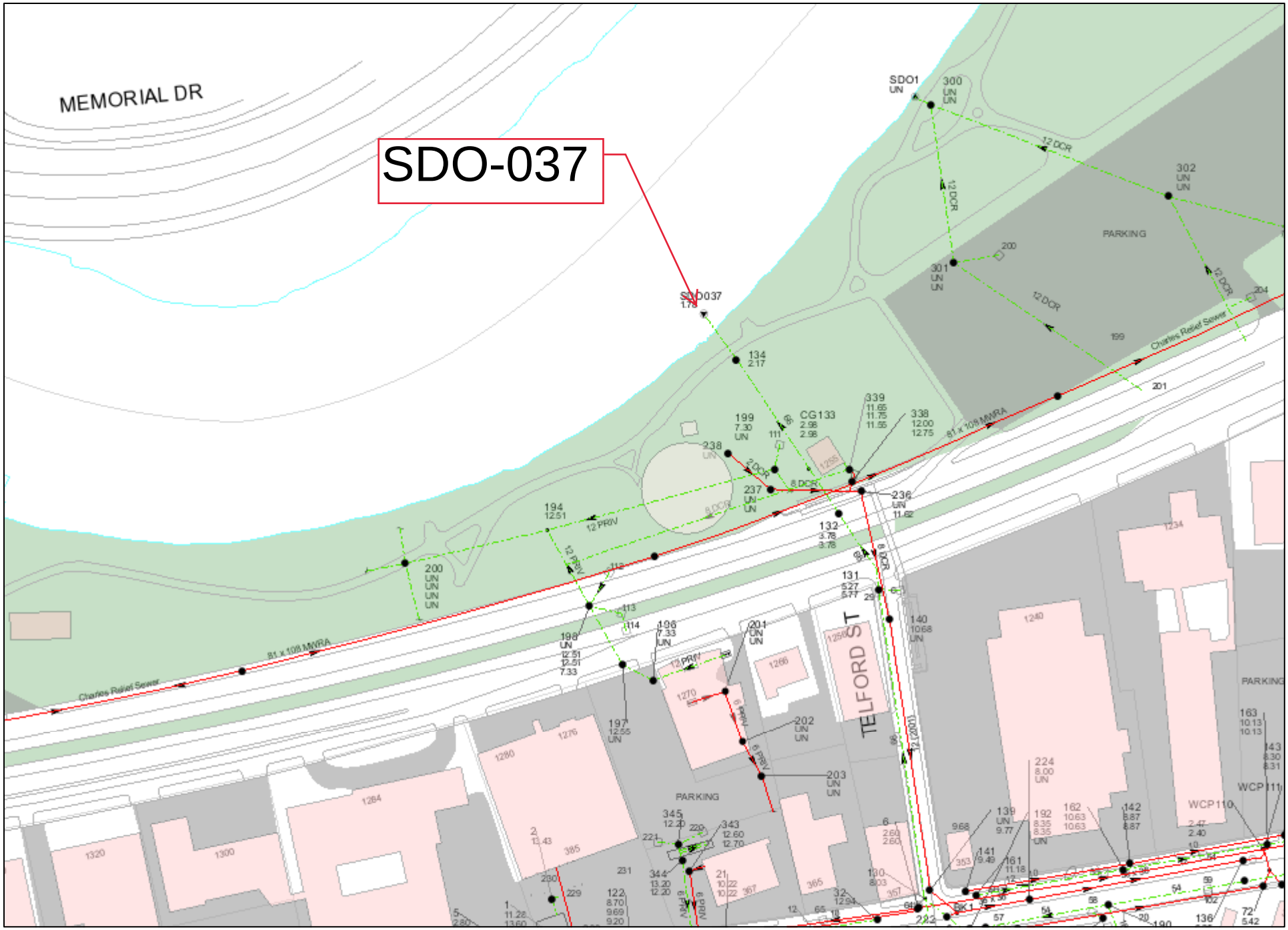


BOSTON WATER AND SEWER

N
W E
S

0 100 200 400 600 800
Feet

Figure 7 - SDO-037 Location



BOSTON WATER AND SEWER

N
W E
S

0 50 100 200
Feet

Figure 8 - SDO-037 Location

Table 1
EBI Groundwater Analytical Results
372 Cambridge Street, Allston, Massachusetts
RTN 3-33574

Parameter	Reportable Concentration RCGW-2	MCP Method 1 Groundwater Standards		Sample Results									
		GW-2	GW-3	372-EBI-02†*	372-EBI-03†*	EBI-01-MW**	EBI-01-MW	EBI-02-MW**	EBI-02-MW	EBI-03-MW**	EBI-03-MW	EBI-04-MW**	EBI-04-MW
Sampling Date				1/6/2016	1/6/2016	4/4/2016	2/23/2017	4/4/2016	2/23/2017	4/4/2016	2/23/2017	4/4/2016	2/23/2017
MADEP-EPH-04-1.1 (µg/L)									*DESTROYED*				
C9-C18 ALIPHATICS	5000	5000	50000	360	180	ND (100)	NT	150	NT	ND (100)	NT	ND (100)	NT
C19-C36 ALIPHATICS	50000	~	50000	1200	590	ND (100)	NT	ND (100)	NT	ND (100)	NT	ND (100)	NT
C11-C22 AROMATICS	5000	50000	5000	1200	710	110	NT	150	NT	ND (100)	NT	ND (100)	NT
ACENAPHTHENE	6000	~	10000	4.4	ND (2.0)	ND (2.0)	NT	3.4	NT	ND (2.0)	NT	ND (2.0)	NT
ACENAPHTHYLENE	40	10000	40	ND (4.0)	ND (2.0)	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT
ANTHRACENE	30	~	30	7.9	2.9	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT
BENZO(A)ANTHRACENE	1000	~	1000	12	4.6	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT
BENZO(A)PYRENE	500	~	500	12	4.8	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT
BENZO(B)FLUORANTHENE	400	~	400	16	5.8	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT
BENZO(G,H,I)PERYLENE	20	~	20	7.2	3.4	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT
BENZO(K)FLUORANTHENE	100	~	100	6.3	2.5	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT
CHRYSENE	70	~	70	15	5.2	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT
DIBENZ(A,H)ANTHRACENE	40	~	40	ND (4.0)	ND (2.0)	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT
FLUORANTHENE	200	~	200	30	13	5.2	NT	5.1	NT	ND (2.0)	NT	ND (2.0)	NT
FLUORENE	40	~	40	ND (4.0)	2.2	ND (2.0)	NT	4.6	NT	ND (2.0)	NT	ND (2.0)	NT
INDENO(1,2,3-CD)PYRENE	100	~	100	8.2	3	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT	ND (2.0)	NT
2-METHYLNAPHTHALENE	2000	2000	20000	ND (4.0)	ND (2.0)	ND (2.0)	NT	2.7	NT	ND (2.0)	NT	ND (2.0)	NT
NAPHTHALENE	700	700	20000	10	ND (2.0)	ND (2.0)	NT	27	NT	ND (2.0)	NT	ND (2.0)	NT
PHENANTHRENE	10000	~	10000	29	15	5.7	NT	16	NT	ND (2.0)	NT	ND (2.0)	NT
PYRENE	20	~	20	**28**	12	5.1	NT	4.5	NT	ND (2.0)	NT	ND (2.0)	NT
SW-846 8270D (µg/L) SVOCs													
BENZO(A)ANTHRACENE	1000	~	1000	NT	NT	2	NT	1.2	NT	ND (1.0)	NT	ND (1.0)	NT
BENZO(A)PYRENE	500	~	500	NT	NT	2	NT	1.2	NT	ND (0.20)	NT	ND (0.20)	NT
BENZO(B)FLUORANTHENE	400	~	400	NT	NT	2.3	NT	1.3	NT	ND (1.0)	NT	ND (1.0)	NT
INDENO(1,2,3-CD)PYRENE	100	~	100	NT	NT	1.4	NT	0.82	NT	ND (0.50)	NT	ND (0.50)	NT
MADEP-VPH-04-1.1 (µg/L)													
C5-C8 ALIPHATICS	3000	3000	50000	630	ND (100)	ND (100)	NT	940	NT	ND (100)	NT	ND (200)	NT
C9-C12 ALIPHATICS	5000	5000	50000	ND (100)	ND (100)	ND (100)	NT	ND (200)	NT	ND (100)	NT	ND (200)	NT
C9-C10 AROMATICS	4000	4000	50000	150	ND (100)	ND (100)	NT	420	NT	ND (100)	NT	ND (200)	NT
BENZENE	1000	1000	10000	ND (1.0)	ND (1.0)	ND (1.0)	NT	17	NT	ND (1.0)	NT	ND (2.0)	NT
ETHYLBENZENE	5000	20000	5000	11	ND (1.0)	ND (1.0)	NT	53	NT	ND (1.0)	NT	ND (2.0)	NT
METHYL TERT-BUTYL ETHER (MTBE)	5000	50000	50000	ND (1.0)	ND (1.0)	ND (1.0)	NT	ND (2.0)	NT	ND (1.0)	NT	ND (2.0)	NT
NAPHTHALENE	700	700	20000	ND (5.0)	ND (5.0)	ND (5.0)	NT	17	NT	ND (5.0)	NT	ND (10)	NT
TOLUENE	40000	50000	40000	6.7	ND (1.0)	ND (1.0)	NT	29	NT	ND (1.0)	NT	ND (2.0)	NT
M/P-XYLENE	3000	3000	5000	41	ND (2.0)	ND (2.0)	NT	160	NT	ND (2.0)	NT	ND (4.0)	NT
O-XYLENE	3000	3000	5000	23	ND (1.0)	ND (1.0)	NT	32	NT	ND (1.0)	NT	ND (2.0)	NT

Table 1 (cont.)
EBI Groundwater Analytical Results
372 Cambridge Street, Allston, Massachusetts
RTN 3-33574

Parameter	Reportable Concentration RCGW-2	MCP Method 1 Groundwater Standards		Sample Results									
		GW-2	GW-3	372-EBI-02†*	372-EBI-03†*	EBI-01-MW**	EBI-01-MW	EBI-02-MW**	EBI-02-MW	EBI-03-MW**	EBI-03-MW	EBI-04-MW**	EBI-04-MW
Sampling Date				1/6/2016	1/6/2016	4/4/2016	2/23/2017	4/4/2016	2/23/2017	4/4/2016	2/23/2017	4/4/2016	2/23/2017
SW-846 6010C (mg/L) Dissolved Metals													
ARSENIC	0.9	~	0.9	0.018	ND (0.01)	NT	NT	NT	NT	NT	NT	NT	NT
BARIUM	50	~	50	0.062	0.12	NT	NT	NT	NT	NT	NT	NT	NT
CADMIUM	0.004	~	0.004	ND (0.004)	ND (0.004)	NT	NT	NT	NT	NT	NT	NT	NT
CHROMIUM	0.3	~	0.3	ND (0.01)	ND (0.01)	NT	NT	NT	NT	NT	NT	NT	NT
LEAD	0.01	~	0.01	**0.019**	ND (0.01)	ND (0.005)	ND (0.010)	ND (0.005)	NT	0.0085	ND (0.010)	**0.028**	ND (0.010)
SELENIUM	0.1	~	0.1	ND (0.05)	ND (0.05)	NT	NT	NT	NT	NT	NT	NT	NT
SILVER	0.007	~	0.007	ND (0.005)	ND (0.005)	NT	NT	NT	NT	NT	NT	NT	NT
SW-846 7470A (mg/L) Dissolved Metals													
MERCURY	0.02	~	0.02	ND (0.00010)	ND (0.00010)	NT	NT	NT	NT	NT	NT	NT	NT
SW-846 8260C (µg/L) VOCs													
ACETONE	50000	50000	50000	10	ND (10)	NT	NT	NT	NT	NT	NT	NT	NT
BENZENE	1000	1000	10000	1.2	ND (1.0)	NT	NT	NT	NT	NT	NT	NT	NT
ETHYLBENZENE	5000	20000	5000	5.3	ND (1.0)	NT	NT	NT	NT	NT	NT	NT	NT
ISOPROPYLBENZENE	100000	~	~	1.1	ND (1.0)	NT	NT	NT	NT	NT	NT	NT	NT
TOLUENE	40000	50000	40000	4.3	ND (1.0)	NT	NT	NT	NT	NT	NT	NT	NT
1,2,4-TRIMETHYLBENZENE	100000	~	~	3.6	ND (1.0)	NT	NT	NT	NT	NT	NT	NT	NT
1,3,5-TRIMETHYLBENZENE	1000	~	~	1.4	ND (1.0)	NT	NT	NT	NT	NT	NT	NT	NT
M/P-XYLENE	3000	3000	5000	19	ND (2.0)	NT	NT	NT	NT	NT	NT	NT	NT
O-XYLENE	3000	3000	5000	9.7	ND (1.0)	NT	NT	NT	NT	NT	NT	NT	NT

NOTES:
1. ND = Not detected above the lab reporting limits shown in parenthesis.
2. NT = Not tested.
3. ~ = No Reportable Concentration or Method 1 Standard available
4. Bolded values exceed the MCP Reportable Concentrations (RCs) and Method 1 Standards.
5. Note that Dissolved Metals reported in units of mg/L and other analyses reported in units of ug/L.
6. † = Samples were collected from temporary groundwater monitoring points without well screening or sand packs.
7. * = Sample was not filtered prior to metals analysis
8. ** = Samples collected with bailers and lab filtered. Filtering was performed withn 24-hours of samples collection.
9. Samples field filtered with 0.45 micron filter into preserved bottles.

Table 2 -
FSL Soil Results
372 Cambridge Street, Boston MA

ANALYTE	CAS	RCS-1-14 (mg/kg)	372 Cambridge Street Average Concentration (mg/kg)	372 Cambridge Street Max Concentration (mg/kg)	FSL-1 0'-5' L2041088-01 9/28/2020				FSL-2 0'-5' L2041088-02 9/28/2020				FSL-2 5'-10' L2041088-03 9/28/2020				FSL-2 10'-15' L2041088-04 9/28/2020				FSL-2 15'-20' L2041088-05 9/28/2020				FSL-2 20'-25' L2041088-06 9/28/2020			
SAMPLE ID: / LAB ID: / COLLECTION DATE:					Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
FIELD SCREENING																												
TVOCs							0				0				0				0.1				0				0.1	
MCP VOLATILE ORGANICS BY EPA 5035																												
Ethylbenzene	100-41-4	40	0.23	0.45	ND		0.001	0.00014	0.00014	J	0.00089	0.00012	ND		0.0011	0.00015	ND		0.00083	0.00012	ND		0.0009	0.00013	ND		0.00082	0.00012
Styrene	100-42-5	3		0	ND		0.001	0.0002	ND		0.00089	0.00017	ND		0.0011	0.00021	ND		0.00083	0.00016	ND		0.0009	0.00018	ND		0.00082	0.00016
cis-1,3-Dichloropropene	10061-01-	0.01		0	ND		0.00052	0.00016	ND		0.00044	0.00014	ND		0.00054	0.00017	ND		0.00041	0.00013	ND		0.00045	0.00014	ND		0.00041	0.00013
trans-1,3-Dichloropropene	10061-02-	0.01		0	ND		0.001	0.00028	ND		0.00089	0.00024	ND		0.0011	0.00029	ND		0.00083	0.00023	ND		0.0009	0.00024	ND		0.00082	0.00022
n-Propylbenzene	103-65-1	100	2.65	4.6	ND		0.001	0.00018	ND		0.00089	0.00015	ND		0.0011	0.00018	ND		0.00083	0.00014	ND		0.0009	0.00015	ND		0.00082	0.00014
n-Butylbenzene	104-51-8	NS	1.66	2.9	ND		0.001	0.00017	ND		0.00089	0.00015	ND		0.0011	0.00018	ND		0.00083	0.00014	ND		0.0009	0.00015	ND		0.00082	0.00014
p-Chlorotoluene	106-43-4	10		0	ND		0.0021	0.00011	ND		0.0018	0.0001	ND		0.0021	0.00012	ND		0.0016	0.00009	ND		0.0018	0.0001	ND		0.0016	0.00009
1,4-Dichlorobenzene	106-46-7	0.7		0	ND		0.0021	0.00018	ND		0.0018	0.00015	ND		0.0021	0.00018	ND		0.0016	0.00014	ND		0.0018	0.00015	ND		0.0016	0.00014
1,2-Dibromoethane	106-93-4	0.1		0	ND		0.001	0.00029	ND		0.00089	0.00025	ND		0.0011	0.0003	ND		0.00083	0.00023	ND		0.0009	0.00025	ND		0.00082	0.00023
1,2-Dichloroethane	107-06-2	0.1		0	ND		0.001	0.00026	ND		0.00089	0.00023	ND		0.0011	0.00028	ND		0.00083	0.00021	ND		0.0009	0.00023	ND		0.00082	0.00021
Acrylonitrile	107-13-1	100		0	ND		0.0041	0.0012	ND		0.0035	0.001	ND		0.0043	0.0012	ND		0.0033	0.00095	ND		0.0036	0.001	ND		0.0033	0.00094
Methyl isobutyl ketone	108-10-1	0.4		0	ND		0.01	0.0013	ND		0.0089	0.0011	ND		0.011	0.0014	ND		0.0083	0.0011	ND		0.009	0.0011	ND		0.0082	0.001
Diisopropyl Ether	108-20-3	100		0	ND		0.0021	0.00022	ND		0.0018	0.00019	ND		0.0021	0.00023	ND		0.0016	0.00018	ND		0.0018	0.00019	ND		0.0016	0.00017
1,3,5-Trimethylbenzene	108-67-8	10	4.88	17	ND		0.0021	0.0002	ND		0.0018	0.00017	ND		0.0021	0.00021	ND		0.0016	0.00016	ND		0.0018	0.00017	ND		0.0016	0.00016
Bromobenzene	108-86-1	100		0	ND		0.0021	0.00015	ND		0.0018	0.00013	ND		0.0021	0.00016	ND		0.0016	0.00012	ND		0.0018	0.00013	ND		0.0016	0.00012
Toluene	108-88-3	30	0.00	0.0007	ND		0.001	0.00056	0.0007	J	0.00089	0.00048	ND		0.0011	0.00058	ND		0.00083	0.00045	ND		0.0009	0.00049	ND		0.00082	0.00044
Chlorobenzene	108-90-7	1		0	ND		0.00052	0.00013	ND		0.00044	0.00011	ND		0.00054	0.00014	ND		0.00041	0.0001	ND		0.00045	0.00011	ND		0.00041	0.0001
Tetrahydrofuran	109-99-9	500		0	ND		0.0041	0.0016	ND		0.0035	0.0014	ND		0.0043	0.0017	ND		0.0033	0.0013	ND		0.0036	0.0014	ND		0.0033	0.0013
1,2,4-Trichlorobenzene	120-82-1	2		0	ND		0.0021	0.00028	ND		0.0018	0.00024	ND		0.0021	0.00029	ND		0.0016	0.00022	ND		0.0018	0.00024	ND		0.0016	0.00022
1,4-Dioxane	123-91-1	0.2		0	ND		0.083	0.036	ND		0.071	0.031	ND		0.086	0.038	ND		0.066	0.029	ND		0.072	0.031	ND		0.065	0.029
Dibromochloromethane	124-48-1	0.005		0	ND		0.001	0.00014	ND		0.00089	0.00012	ND		0.0011	0.00015	ND		0.00083	0.00012	ND		0.0009	0.00012	ND		0.00082	0.00011
Tetrachloroethene	127-18-4	1	0.00	0.0024	0.0023		0.00052	0.0002	ND		0.00044	0.00017	0.002		0.00054	0.00021	ND		0.00041	0.00016	0.00021	J	0.00045	0.00018	ND		0.00041	0.00016
sec-Butylbenzene	135-98-8	NS	1.51	2.6	ND		0.001	0.00015	ND		0.00089	0.00013	ND		0.0011	0.00016	ND		0.00083	0.00012	ND		0.0009	0.00013	ND		0.00082	0.00012
1,3-Dichloropropane	142-28-9	500		0	ND		0.0021	0.00017	ND		0.0018	0.00015	ND		0.0021	0.00018	ND		0.0016	0.00014	ND		0.0018	0.00015	ND		0.0016	0.00014
cis-1,2-Dichloroethene	156-59-2	0.1		0	ND		0.001	0.00018	ND		0.00089	0.00016	ND		0.0011	0.00019	ND		0.00083	0.00014	ND		0.0009	0.00016	ND		0.00082	0.00014
trans-1,2-Dichloroethene	156-60-5	1		0	ND		0.0016	0.00014	ND		0.0013	0.00012	ND		0.0016	0.00015	ND		0.0012	0.00011	ND		0.0013	0.00012	ND		0.0012	0.00011
Methyl tert butyl ether	1634-04-4	0.1		0	ND		0.0021	0.00021	ND		0.0018	0.00018	ND		0.0021	0.00022	ND		0.0016	0.00017	ND		0.0018	0.00018	ND		0.0016	0.00016
p/m-Xylene	179601-23	100	2.44	4.6	ND		0.0021	0.00058	ND		0.0018	0.0005	ND		0.0021	0.0006	ND		0.0016	0.00046	ND		0.0018	0.0005	ND		0.0016	0.00046
1,3-Dichlorobenzene	541-73-1	3		0	ND		0.0021	0.00015	ND		0.0018	0.00013	ND		0.0021	0.00016	ND		0.0016	0.00012	ND		0.0018	0.00013	ND		0.0016	0.00012
1,3-Dichloropropene, Total	542-75-6	0.01		0	ND		0.00052	0.00016	ND		0.00044	0.00014	ND		0.00054	0.00017	ND		0.00041	0.00013	ND		0.00045	0.00014	ND		0.00041	0.00013
Carbon tetrachloride	56-23-5	5		0	ND		0.001	0.00024	ND		0.00089	0.0002	ND		0.0011	0.00025	ND		0.00083	0.00019	ND		0.0009	0.00021	ND		0.00082	0.00019
1,1-Dichloropropene	563-58-6	0.1		0	ND		0.00052	0.00016	ND		0.00044	0.00014	ND		0.00054	0.00017	ND		0.00041	0.00013	ND		0.00045	0.00014	ND		0.00041	0.00013
2-Hexanone	591-78-6	100		0	ND		0.01	0.0012	ND		0.0089	0.001	ND		0.011	0.0013	ND		0.0083	0.00098	ND		0.009	0.001	ND		0.0082	0.00096
2,2-Dichloropropane	594-20-7	0.1		0	ND		0.0021	0.00021	ND		0.0018	0.00018	ND		0.0021	0.00022	ND		0.0016	0.00017	ND		0.0018	0.00018	ND		0.0016	0.00016
Diethyl ether	60-29-7	100		0	ND		0.0021	0.00035	ND		0.0018	0.0003	ND		0.0021	0.00036	ND		0.0016	0.00028	ND		0.0018	0.0003	ND		0.0016	0.00028
1,1,1,2-Tetrachloroethane	630-20-6	0.1		0	ND		0.00052	0.00014	ND		0.00044	0.00012	ND		0.00054	0.00014	ND		0.00041	0.00011	ND		0.00045	0.00012	ND		0.00041	0.00011
Ethyl-Tert-Butyl-Ether	637-92-3	NS		0	ND		0.0021	0.00013	ND		0.0018	0.00011	ND		0.0021	0.00014	ND		0.0016	0.00011	ND		0.0018	0.00011	ND		0.0016	0.0001
Acetone	67-64-1	6		0	ND		0.026	0.01	ND		0.022	0.0089	ND		0.027	0.011	ND		0.021	0.0083	ND		0.022	0.009	ND		0.02	0.0082
Chloroform	67-66-3	0.2		0	ND		0.0016	0.00014	ND		0.0013	0.00012	ND		0.0016	0.00015	ND		0.0012	0.00012	ND		0.0013	0.00012	ND		0.0012	0.00011
Benzene	71-43-2	2	0.00	0.0037	ND		0.00052	0.00017	0.0037		0.00044	0.00015	0.00092		0.00054	0.00018	ND		0.00041	0.00014	ND		0.00045	0.00015	ND		0.00041	0.00014
1,1,1-Trichloroethane	71-55-6	30		0	ND		0.00052	0.00017	ND		0.00044	0.00015	ND		0.00054	0.00018	ND		0.00041	0.00014	ND		0.00045	0.00015	ND		0.00041	0.00014
Bromomethane	74-83-9	0.5	0.00	0.0012	ND		0.0021	0.0006	ND		0.0018	0.00051	ND		0.0021	0.00062	ND		0.0016	0.00048	ND		0.0018	0.00052	ND		0.0016	0.00048
Chloromethane	74-87-3	100		0	ND		0.0041	0.00096	ND		0.0035	0.00082	ND		0.0043	0.001	ND		0.0033	0.00077	ND		0.0036	0.00084	ND		0.0033	0.00076
Dibromomethane	74-95-3	500		0	ND		0.0021	0.00024	ND		0.0018	0.00021	ND		0.0021	0.00025	ND		0.0016	0.0002	ND		0.0018	0.00021	ND		0.0016	0.00019
Bromochloromethane	74-97-5	NS		0	ND		0.0021	0.00021	ND		0.0018	0.00018	ND		0.0021	0.00022	ND		0.0016	0.00017	ND		0.0018	0.00018	ND		0.0016	0.00017
Chloroethane	75-00-3	100		0	ND		0.0021	0.00047	ND		0.0018	0.0004	ND		0.0021	0.00048	ND		0.0016	0.00037	ND		0.0018	0.0004	ND		0.0016	0.00037
Vinyl chloride	75-01-4	0.7		0	ND		0.001	0.00035	ND		0.00089	0.0003	ND		0.0011	0.00036	ND		0.00083	0.00028	ND		0.0009	0.0003	ND		0.00082	0.00027
Methylene chloride	75-09-2	0.1		0	ND		0.0052	0.0024	ND		0.0044	0.002	ND		0.0054	0.0024	ND		0.0041	0.0019	ND		0.0045	0.002	ND		0.0041	0.0019
Carbon disulfide	75-15-0	100		0	ND		0.01	0.0011	ND		0.0089	0.00097	ND		0.011	0.0012	ND		0.0083	0.00091	ND		0.009	0.00098	ND		0.0082	0.0009
Bromoform	75-25-2	0.1		0	ND		0.0041	0.00025	ND		0.0035	0.00022	ND		0.0043	0.00026	ND		0.0033	0.0002	ND		0.0036	0.00022	ND		0.0033	0.0002
Bromodichloromethane	75-27-4	0.1		0	ND		0.00052	0.00011	ND		0.00044	0.0001	ND		0.00054	0.00012	ND		0.00041	0.00009	ND		0.00045	0.0001	ND		0.00041	0.00009
1,1-Dichloroethane	75-34-3	0.4		0	ND		0.001	0.00015	ND		0.00089	0.00013	ND		0.0011	0.00016	ND		0.00083	0.00012	ND		0.0009	0.00013	ND		0.00082	0.00012
1,1-Dichloroethene	75-35-4	3		0	ND		0.001	0.00024	ND		0.00089	0.00021	ND		0.0011	0.00025	ND		0.00083	0.0002	ND		0.0009	0.00021	ND		0.00082	0.00019
Trichlorofluoromethane	75-69-4	1000		0	ND		0.0041	0.00072	ND		0.0035	0.00062	ND		0.0043	0.00074	ND		0.0033	0.00058	ND		0.0036	0.00062	ND		0.0033	0.00057
Dichlorodifluoromethane	75-71-8	1000		0	ND		0.01	0.00094	ND		0.0089	0.00081	ND		0.011	0.00098	ND		0.0083	0.00076	ND		0.009	0.00082	ND		0.0082	0.00075
1,2-Dichloropropane	78-87-5	0.1		0	ND		0.001	0.00013	ND		0.00089	0.00011	ND		0.0011	0.00013	ND		0.00083	0.0001	ND		0.0009	0.00011	ND		0.00082	0.0001
Methyl ethyl ketone	78-93-3	4		0	ND		0.01	0.0023	ND		0.0089	0.002	ND		0.011	0.0024	ND		0.0083	0.0018	ND		0.009	0.002	ND		0.0082	0.0018
1,1,2-Trichloroethane	79-00-5	0.1		0	ND		0.001	0.00028	ND		0.00089	0.00024	ND		0.0011	0.00028	ND		0.00083	0.00022	ND		0.0009	0.00024	ND		0.00082	0.00022
Trichloroethene	79-01-6	0.3		0	ND		0.00052	0.00014	ND		0.00044	0.00012	ND		0.00054	0.00015	ND		0.00041	0.00011	ND		0.00045	0.00012	ND		0.00041	0.00011
1,1,2,2-Tetrachloroethane	79-34-5	0.005		0	ND		0.00052	0.00017	ND		0.00044	0.00015	ND		0.00054	0.00018	ND		0.00041	0.00014	ND		0.00045	0.00015	ND		0.00041	0.00014
1,2,3-Trichlorobenzene	87-61-6	NS		0	ND		0.0021	0.00033	ND		0.0018	0.00028	ND		0.0021	0.00034	ND		0.0016	0.00027	ND		0.0018	0.00029	ND		0.0016	0.00026
Hexachlorobutadiene	87-68-3	30		0	ND		0.0041	0.00017	ND		0.0035	0.00015	ND		0.0043	0.00018	ND		0.0033	0.00014	ND		0.0036	0.00015	ND		0.0033	0.00014
Naphthalene	91-20-3	4	0.47	3.2	ND		0.0041	0.00067	0.0006	J	0.0035	0.00058	ND		0.0043	0.0007	ND		0.0033	0.00054	ND		0.0036	0.00058	ND		0.0033	0.00053
o-Xylene	95-47-6	100	0.27	0.27	ND		0.001	0.0003	ND		0.00089	0.00026	ND		0.0011	0.00031	ND		0.00083	0.00024	ND		0.0009	0.00026	ND		0.00082	0.00024
o-Chlorotoluene	95-49-8	100		0	ND		0.0021	0.0002	ND		0.0018	0.00017	ND		0.0021	0.0002	ND		0.0016	0.00016	ND		0.0018	0.00017	ND		0.0016	0.00016
1,2-Dichlorobenzene	95-50-1	9		0	ND		0.0021	0.00015	ND		0.0018	0.00013	ND		0.0021	0.00015	ND		0.0016	0.00012	ND		0.0018	0.00013	ND		0.0016	0.00012
1,2,4-Trimethylbenzene	95-63-6	1000	19.60	34	ND		0.0021	0.00034	ND		0.0018	0.0003	ND		0.0021	0.00036	ND		0.0016	0.00028	ND		0.0018	0.0003	ND		0.0016	0.00027
1,2-Dibromo-3-chloropropane	96-12-8	10		0	ND		0.0031	0.001	ND		0.0026	0.00088	ND		0.0032	0.0011	ND		0.0025	0.00083	ND		0.0027	0.00089	ND		0.0024	0.00082
1,2,3-Trichloropropane	96-18-4	100		0	ND		0.0021	0.00013	ND		0.0018	0.00011	ND		0.0021	0.00014	ND		0.0016	0.0001	ND		0.0018	0.00011	ND		0.0016	0.0001
tert-Butylbenzene	98-06-6	100	0.27	0.47	ND		0.0021	0.00012	ND		0.0018	0.0001	ND		0.0021	0.00013	ND		0.0016	0.0001	ND		0.0018	0.0001	ND		0.0016	0.0001
Isopropylbenzene	98-82-8	1000	1.92	3.4	ND		0.001	0.00011	ND		0.00089	0.0001	ND		0.0011	0.00012	ND		0.00083	0.00009	ND		0.0009	0.0001	ND		0.00082	0.00009
Tertiary-Amyl Methyl Ether	994-05-8	NS		0	ND		0.0021	0.00018	ND		0.0018	0.00016	ND		0.0021	0.00019	ND		0.0016	0.00015	ND		0.0018	0.00016	ND		0.0016	0.00014
p-Isopropyltoluene	99-87-6	100	1.83	4.7	ND		0.001	0.00011	ND		0.00089	0.0001	ND		0.0011	0.00012	ND		0.00083	0.00009	ND		0.0009	0.0001	ND		0.00082	0.00009
SUM			5.57	83.09	0.0023	-	-	-	0.00514	-	-	-	0.00292	-	-	-	-	-	-	-	0.00021	-	-	-	-	-	-	-
MCP SEMIVOLATILE ORGANICS																												
1,2,4,5-Tetrachlorobenzene	95-94-3	1000		0	ND		350	37	ND		350	36	ND		360	37	ND		180	19	ND		170	18	ND		200	21
1,2,4-Trichlorobenzene	120-82-1	2		0	ND		0.17	0.02	ND		0.18	0.02	ND		0.18	0.021	ND		0.17	0.02	ND		0.17	0.02	ND		0.2	0.023
1,2-Dichlorobenzene	95-50-1	9		0	ND		0.17	0.031	ND		0.18	0.032	ND		0.18	0.032	ND		0.17	0.031	ND		0.17	0.031	ND		0.2	0.036
1,3-Dichlorobenzene	541-73-1	3		0	ND		0.17	0.03	ND		0.18	0.03	ND		0.18	0.031	ND		0.17	0.03	ND		0.17	0.03	ND		0.2	0.034
1,4-Dichlorobenzene	106-46-7	0.7		0	ND		0.073	0.03	ND		0.074	0.031	ND		0.076	0.032	ND		0.073	0.03	ND		0.072	0.03	ND		0.084	0.035
2,4,5-Trichlorophenol	95-95-4	4		0	ND		0.17	0.033	ND		0.18	0.034	ND		0.18	0.035	ND		0.17	0.033	ND		0.17	0.033	ND		0.2	0.038
2,4,6-Trichlorophenol	88-06-2	0.7		0	ND		0.073	0.033	ND		0.074	0.033	ND		0.076	0.034	ND		0.073	0.033	ND		0.072	0.033	ND		0.084	0.038
2,4-Dichlorophenol	120-83-2	0.7		0	ND		0.073	0.028	ND		0.074	0.028	ND		0.076	0.029	ND		0.073	0.028	ND		0.072	0.028	ND		0.084	0.032
2,4-Dimethylphenol	105-67-9	0.7		0	ND		0.073	0.058	ND		0.074	0.058	ND		0.076	0.06	ND		0.073	0.058	ND		0.072	0.057	ND		0.084	0.066
2,4-Dinitrophenol	51-28-5	3		0	ND		0.84	0.081	ND		0.84	0.082	ND		0.87	0.084	ND		0.84	0.081	ND		0.83	0.08	ND		0.96	0.093
2,4-Dinitrotoluene	121-14-2	0.7	0.07	0.066	ND		0.073	0.035	ND		0.074	0.035	ND		0.076	0.036	ND		0.073	0.035	ND		0.072	0.034	ND		0.084	0.04
2,6-Dinitrotoluene	606-20-2	100		0	ND		0.17	0.03	ND		0.18	0.03	ND		0.18	0.031	ND		0.17	0.03	ND		0.17	0.03	ND		0.2	0.034
2-Chloronaphthalene	91-58-7	1000		0	ND		0.17	0.017	ND		0.18	0.017	ND		0.18	0.018	ND		0.17	0.017	ND		0.17	0.017	ND		0.2	0.02
2-Chlorophenol	95-57-8	0.7		0	ND		0.073	0.021	ND		0.074	0.021	ND		0.076	0.021	ND		0.073	0.021	ND		0.072	0.02	ND		0.084	0.024
2-Methylnaphthalene	91-57-6	0.7	0.48	2.6	0.22		0.073	0.021	0.028	J	0.074	0.021	0.24		0.076	0.022	ND		0.073	0.021	ND		0.072	0.021	ND		0.084	0.024
2-Methylphenol	95-48-7	500		0	ND		0.17	0.027	ND		0.18	0.027	ND		0.18	0.028	ND		0.17	0.027	ND		0.17	0.027	ND		0.2	0.031
2-Nitrophenol	88-75-5	100		0	ND		0.38	0.066	ND		0.38	0.066	ND		0.39	0.068	ND		0.38	0.066	ND		0.37	0.065	ND		0.43	0.075
3,3'-Dichlorobenzidine	91-94-1	3		0	ND		0.17	0.046	ND		0.18	0.047	ND		0.18	0.048	ND		0.17	0.046	ND		0.17	0.046	ND		0.2	0.053
3-Methylphenol/4-Methylphenol	108-39-4/1	500	0.09	0.14	ND		0.25	0.027	ND		0.25	0.028	0.11	J	0.26	0.028	ND		0.25	0.027	ND		0.25	0.027	ND		0.29	0.031
4,6-Dinitro-o-cresol	534-52-1	50		0	ND		0.91	0.17	ND		0.91	0.17	ND		0.93	0.17	ND		0.46	0.086	ND		0.45	0.084	ND		0.52	0.096
4-Bromophenyl phenyl ether	101-55-3	100		0	ND		0.17	0.027	ND		0.18	0.027	ND		0.18	0.028	ND		0.17	0.027	ND		0.17	0.026	ND		0.2	0.03
4-Chloroaniline	106-47-8	1		0	ND		0.17	0.032	ND		0.18	0.032	ND		0.18	0.033	ND		0.17	0.032	ND		0.17	0.031	ND		0.2	0.036
4-Chlorophenyl phenyl ether	7005-72-3	1000		0	ND		0.35	0.038	ND		0.35	0.038	ND		0.36	0.038	ND		0.18	0.019	ND		0.17	0.019	ND		0.2	0.021
4-Nitroaniline	100-01-6	1000		0	ND		0.35	0.14	ND		0.35	0.14	ND		0.36	0.15	ND		0.18	0.074	ND		0.17	0.072	ND		0.2	0.083
4-Nitrophenol	100-02-7	100		0	ND		0.24	0.071	ND		0.24	0.072	ND		0.25	0.074	ND		0.24	0.071	ND		0.24	0.07	ND		0.28	0.082
Acenaphthene	83-32-9	4	1.73	12	0.46		0.14	0.018	0.049	J	0.14	0.018	0.67		0.14	0.019	ND		0.14	0.018	ND		0.14	0.018	ND		0.16	0.021
Acenaphthylene	208-96-8	1	0.72	3	0.053	J	0.14	0.027	0.12	J	0.14	0.027	1.9		0.14	0.028	ND		0.14	0.027	ND		0.14	0.027	ND		0.16	0.031
Acetophenone	98-86-2	1000	0.06	0.063	ND		0.17	0.022	ND		0.18	0.022	ND		0.18	0.022	ND		0.17	0.022	ND		0.17	0.021	ND		0.2	0.025
Aniline	62-53-3	1000		0	ND		0.21	0.082	ND		0.21	0.083	ND		0.22	0.085	ND		0.21	0.082	ND		0.21	0.082	ND		0.24	0.094
Anthracene	120-12-7	1000	5.61	43	0.98		0.1	0.034	0.23		0.1	0.034	3.5		0.11	0.035	ND		0.1	0.034	ND		0.1	0.034	ND		0.12	0.039
Azobenzene	103-33-3	NS		0	ND		0.17	0.017	ND		0.18	0.017	ND		0.18	0.017	ND		0.17	0.017	ND		0.17	0.016	ND		0.2	0.019
Benzidine	92-87-5	10		0	ND		1.2	0.38	ND		1.2	0.38	ND		1.2	0.39	ND		0.59	0.19	ND		0.58	0.19	ND		0.66	0.22
Benzo(a)anthracene	56-55-3	7	6.92	60	1.4		0.1	0.02	0.68		0.1	0.02	9.3		0.54	0.1	ND		0.1	0.02	ND		0.1	0.019	ND		0.12	0.022
Benzo(a)pyrene	50-32-8	2	7.35	47	1.5		0.14	0.042	0.66		0.14	0.043	8.3		0.72	0.22	ND		0.14	0.043	ND		0.14	0.042	ND		0.16	0.049
Benzo(b)fluoranthene	205-99-2	7	7.71	58	1.7		0.1	0.029	0.8		0.1	0.03	9.3		0.54	0.15	ND		0.1	0.029	ND		0.1	0.029	ND		0.12	0.034
Benzo(ghi)perylene	191-24-2	1000	3.51	23	0.93		0.14	0.02	0.39		0.14	0.021	4.7		0.14	0.021	ND		0.14	0.02	ND		0.14	0.02	ND		0.16	0.024
Benzo(k)fluoranthene	207-08-9	70	2.58	16	0.56		0.1	0.028	0.25		0.1	0.028	2.8		0.11	0.029	ND		0.1	0.028	ND		0.1	0.028	ND		0.12	0.032
Benzoic Acid	65-85-0	1000		0	ND		1.1	0.36	ND		1.1	0.35	ND		1.2	0.36	ND		0.58	0.18	ND		0.57	0.18	ND		0.65	0.2
Bis(2-chloroethoxy)methane	111-91-1	500		0	ND		0.19	0.017	ND		0.19	0.018	ND		0.2	0.018	ND		0.19	0.018	ND		0.19	0.017	ND		0.22	0.02
Bis(2-chloroethyl)ether	111-44-4	0.7		0	ND		0.073	0.024	ND		0.074	0.024	ND		0.076	0.024	ND		0.073	0.024	ND		0.072	0.023	ND		0.084	0.027
Bis(2-chloroisopropyl)ether	108-60-1	0.7		0	ND		0.073	0.03	ND		0.074	0.03	ND		0.076	0.031	ND		0.073	0.03	ND		0.072	0.03	ND		0.084	0.034
Bis(2-ethylhexyl)phthalate	117-81-7	90	0.20	0.28	ND		0.17	0.06	0.11	J	0.18	0.061	ND		0.18	0.063	ND		0.17	0.06	ND		0.17	0.06	ND		0.2	0.069
Butyl benzyl phthalate	85-68-7	100		0	ND		0.17	0.044	ND		0.18	0.044	ND		0.18	0.046	ND		0.17	0.044	ND		0.17	0.044	ND		0.2	0.05
Chrysene	218-01-9	70	6.14	48	1.5		0.1	0.018	0.69		0.1	0.018	7.5		0.54	0.094	ND		0.1	0.018	ND		0.1	0.018	ND		0.12	0.021
Dibenzo(a,h)anthracene	53-70-3	0.7	0.95	5.9	0.13		0.073	0.02	0.078		0.074	0.02	1.4		0.076	0.021	ND		0.073	0.02	ND		0.072	0.02	ND		0.084	0.023
Dibenzofuran	132-64-9	100	1.40	11	0.38		0.17	0.016	0.029	J	0.18	0.017	0.42		0.18	0.017	ND		0.17	0.016	ND		0.17	0.016	ND		0.2	0.019
Diethyl phthalate	84-66-2	10		0	ND		0.17	0.016	ND		0.18	0.016	ND		0.18	0.017	ND		0.17	0.016	ND		0.17	0.016	ND		0.2	0.018
Dimethyl phthalate	131-11-3	0.7	0.18	0.18	ND		0.073	0.037	ND		0.074	0.037	ND		0.076	0.038	ND		0.073	0.037	ND		0.072	0.036	ND		0.084	0.042
Di-n-butylphthalate	84-74-2	50	0.05	0.053	ND		0.17	0.033	ND		0.18	0.033	ND		0.18	0.034	ND		0.17	0.033	ND		0.17	0.033	ND		0.2	0.038
Di-n-octylphthalate	117-84-0	1000		0	ND		0.17	0.059	ND		0.18	0.06	ND		0.18	0.062	ND		0.17	0.059	ND		0.17	0.059	ND		0.2	0.068
Fluoranthene	206-44-0	1000	14.79	120	3.8		0.1	0.02	1.2		0.1	0.02	24		0.54	0.1	ND		0.1	0.02	ND		0.1	0.02	ND		0.12	0.023
Fluorene	86-73-7	1000	1.69	12	0.31		0.17	0.017	0.046	J	0.18	0.017	0.66		0.18	0.018	ND		0.17	0.017	ND		0.17	0.017	ND		0.2	0.019
Hexachlorobenzene	118-74-1	0.7		0	ND		0.073	0.02	ND		0.074	0.02	ND		0.076	0.02	ND		0.073	0.02	ND		0.072	0.019	ND		0.084	0.022
Hexachlorobutadiene	87-68-3	30		0	ND		0.17	0.026	ND		0.18	0.026	ND		0.18	0.026	ND		0.17	0.026	ND		0.17	0.025	ND		0.2	0.029
Hexachlorocyclopentadiene	77-47-4	50		0	ND		1	0.32	ND		1	0.32	ND		1	0.32	ND		0.51	0.16	ND		0.5	0.16	ND		0.57	0.18
Hexachloroethane	67-72-1	0.7		0	ND		0.073	0.028	ND		0.074	0.028	ND		0.076	0.029	ND		0.073	0.028	ND		0.072	0.028	ND		0.084	0.032
Indeno(1,2,3-cd)pyrene	193-39-5	7	4.01	25	0.82		0.14	0.024	0.37		0.14	0.024	5.2		0.14	0.025	ND		0.14	0.024	ND		0.14	0.024	ND		0.16	0.028
Isophorone	78-59-1	100		0	ND		0.16	0.023	ND		0.16	0.023	ND		0.16	0.023	ND		0.16	0.023	ND		0.16	0.022	ND		0.18	0.026
Naphthalene	91-20-3	4	0.58	2.6	0.54		0.17	0.021	0.07	J	0.18	0.021	0.46		0.18	0.022	ND		0.17	0.021	ND		0.17	0.021	ND		0.2	0.024
NDPA/DPA	86-30-6	100		0	ND		0.28	0.04	ND		0.28	0.04	ND		0.29	0.041	ND		0.14	0.02	ND		0.14	0.02	ND		0.16	0.023
Nitrobenzene	98-95-3	500		0	ND		0.16	0.026	ND		0.16	0.026	ND		0.16	0.027	ND		0.16	0.026	ND		0.16	0.026	ND		0.18	0.03
n-Nitrosodimethylamine	62-75-9	50		0	ND		0.7	0.067	ND		0.7	0.067	ND		0.72	0.069	ND		0.36	0.034	ND		0.35	0.034	ND		0.4	0.038
n-Nitrosodi-n-propylamine	621-64-7	50		0	ND		0.35	0.054	ND		0.35	0.054	ND		0.36	0.055	ND		0.18	0.028	ND		0.17	0.027	ND		0.2	0.031
p-Chloro-m-cresol	59-50-7	1000		0	ND		0.35	0.052	ND		0.35	0.052	ND		0.36	0.053	ND		0.18	0.026	ND		0.17	0.026	ND		0.2	0.03
Pentachloronitrobenzene	82-68-8	100		0	ND		350	60	ND		350	60	ND		360	61	ND		180	30	ND		170	30	ND		200	34
Pentachlorophenol	87-86-5	3		0	ND		0.35	0.038	ND		0.35	0.039	ND		0.36	0.04	ND		0.35	0.038	ND		0.34	0.038	ND		0.4	0.044
Phenanthrene	85-01-8	10	12.24	110	4.1		0.1	0.021	0.55		0.1	0.021	7.7		0.54	0.11	ND		0.1	0.021	ND		0.1	0.021	ND		0.12	0.024
Phenol	108-95-2	1	0.05	0.076	ND		0.17	0.026	ND		0.18	0.026	0.076	J	0.18	0.027	ND		0.17	0.026	ND		0.17	0.026	ND		0.2	0.03
Pyrene	129-00-0	1000	12.71	100	3.4		0.1	0.017	1.1		0.1	0.017	20		0.54	0.09	ND		0.1	0.017	ND		0.1	0.017	ND		0.12	0.02
Pyridine	110-86-1	500		0	ND		0.38	0.13	ND		0.38	0.13	ND		0.39	0.14	ND		0.19	0.068	ND		0.19	0.066	ND		0.22	0.076
Total SVOCs			53.91	699.1	22.783	-	-	-	7.45	-	-	-	108.236	-	-	-	0	-	-	-	0	-	-	-	0	-	-	-

Table 2 -
FSL Soil Results
372 Cambridge Street, Boston MA

	SAMPLE ID:		372 Cambridge Street Average Concentration	372 Cambridge Street Max Concentration	FSL-1 0'-5'				FSL-2 0'-5'				FSL-2 5'-10'				FSL-2 10'-15'				FSL-2 15'-20'				FSL-2 20'-25'			
	LAB ID:				L2041088-01				L2041088-02				L2041088-03				L2041088-04				L2041088-05				L2041088-06			
	COLLECTION DATE				9/28/2020				9/28/2020				9/28/2020				9/28/2020				9/28/2020				9/28/2020			
	RCS-1-14																											
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
MCP POLYCHLORINATED BIPHENYLS																												
Aroclor 1016	12674-11-	1		0	ND		0.0348	0.0348	ND		0.0352	0.0352	ND		0.0359	0.0359	ND		0.0347	0.0347	ND		0.0334	0.0334	ND		0.0385	0.0385
Aroclor 1221	11104-28-	1		0	ND		0.0348	0.0348	ND		0.0352	0.0352	ND		0.0359	0.0359	ND		0.0347	0.0347	ND		0.0334	0.0334	ND		0.0385	0.0385
Aroclor 1232	11141-16-	1		0	ND		0.0348	0.0348	ND		0.0352	0.0352	ND		0.0359	0.0359	ND		0.0347	0.0347	ND		0.0334	0.0334	ND		0.0385	0.0385
Aroclor 1242	53469-21-	1		0	ND		0.0348	0.0348	ND		0.0352	0.0352	ND		0.0359	0.0359	ND		0.0347	0.0347	ND		0.0334	0.0334	ND		0.0385	0.0385
Aroclor 1248	12672-29-	1		0	ND		0.0348	0.0348	ND		0.0352	0.0352	ND		0.0359	0.0359	ND		0.0347	0.0347	ND		0.0334	0.0334	ND		0.0385	0.0385
Aroclor 1254	11097-69-	1	0.04	0.0397	ND		0.0348	0.0348	ND		0.0352	0.0352	ND		0.0359	0.0359	ND		0.0347	0.0347	ND		0.0334	0.0334	ND		0.0385	0.0385
Aroclor 1260	11096-82-	1	0.07	0.088	ND		0.0348	0.0348	0.088		0.0352	0.0352	ND		0.0359	0.0359	ND		0.0347	0.0347	ND		0.0334	0.0334	ND		0.0385	0.0385
Aroclor 1262	37324-23-	1		0	ND		0.0348	0.0348	ND		0.0352	0.0352	ND		0.0359	0.0359	ND		0.0347	0.0347	ND		0.0334	0.0334	ND		0.0385	0.0385
Aroclor 1268	11100-14-	1		0	ND		0.0348	0.0348	ND		0.0352	0.0352	ND		0.0359	0.0359	ND		0.0347	0.0347	ND		0.0334	0.0334	ND		0.0385	0.0385
PCBs, Total	1336-36-3	1	0.09	0.088	ND		0.0348	0.0348	0.088		0.0352	0.0352	ND		0.0359	0.0359	ND		0.0347	0.0347	ND		0.0334	0.0334	ND		0.0385	0.0385
PETROLEUM HYDROCARBON QUANTITATION																												
TPH (C10-C36)	NONE	1000	595.55	3150	677		34.4	3.96	1170		68.1	7.83	948		73.1	8.4	ND		34.4	3.96	ND		35	4.02	ND		38.5	4.43
MCP TOTAL METALS																												
Antimony, Total	7440-36-0	20	1.76	4.79	ND		2.09	0.159	ND		2.05	0.156	0.21	J	2.18	0.166	ND		2.14	0.163	ND		2.07	0.157	ND		2.29	0.174
Arsenic, Total	7440-38-2	20	5.54	16.2	3.01		0.418	0.087	2.84		0.41	0.085	5.41		0.437	0.091	2.93		0.428	0.089	5.41		0.414	0.086	16.2		0.459	0.095
Barium, Total	7440-39-3	1000	53.56	398	27.2		0.418	0.073	53.6		0.41	0.071	128		0.437	0.076	40.3		0.428	0.075	33.7		0.414	0.072	15.1		0.459	0.08
Beryllium, Total	7440-41-7	90	0.22	0.546	0.084	J	0.209	0.014	0.168	J	0.205	0.014	0.175	J	0.218	0.014	0.206	J	0.214	0.014	0.124	J	0.207	0.014	0.119	J	0.229	0.015
Cadmium, Total	7440-43-9	70	0.83	3.88	0.476		0.418	0.041	0.534		0.41	0.04	3.76		0.437	0.043	0.552		0.428	0.042	0.472		0.414	0.041	0.385	J	0.459	0.045
Chromium, Total	7440-47-3	100	14.88	37.8	11		0.418	0.04	11.4		0.41	0.039	16.5		0.437	0.042	13.3		0.428	0.041	9.67		0.414	0.04	12.5		0.459	0.044
Lead, Total	7439-92-1	200	143.67	1640	34.7		2.09	0.112	88.9		2.05	0.11	645		2.18	0.117	7.62		2.14	0.115	6.02		2.07	0.111	4.12		2.29	0.123
Mercury, Total	7439-97-6	20	1.44	10.9	ND		0.073	0.073	0.077		0.072	0.072	0.25		0.071	0.071	ND		0.072	0.072	ND		0.07	0.07	ND		0.079	0.079
Nickel, Total	7440-02-0	600	12.33	26.6	11.4		1.04	0.101	8.82		1.03	0.099	11.9		1.09	0.106	15.4		1.07	0.104	10.2		1.03	0.1	10.2		1.15	0.111
Selenium, Total	7782-49-2	400	0.40	1.81	0.347	J	2.09	0.108	0.201	J	2.05	0.106	0.494	J	2.18	0.113	0.368	J	2.14	0.11	0.265	J	2.07	0.107	ND		2.29	0.118
Silver, Total	7440-22-4	100	1.18	1.18	ND		0.418	0.118	ND		0.41	0.116	ND		0.437	0.124	ND		0.428	0.121	ND		0.414	0.117	ND		0.459	0.13
Thallium, Total	7440-28-0	8	0.42	0.807	ND		2.09	0.132	ND		2.05	0.129	ND		2.18	0.138	ND		2.14	0.135	0.281	J	2.07	0.13	ND		2.29	0.144
Vanadium, Total	7440-62-2	400	22.70	51	18.1		0.418	0.085	17.7		0.41	0.083	20.3		0.437	0.089	23.9		0.428	0.087	19.4		0.414	0.084	17		0.459	0.093
Zinc, Total	7440-66-6	1000	125.26	1580	43.7		2.09	0.122	80		2.05	0.12	494		2.18	0.128	88.9		2.14	0.125	50.5		2.07	0.121	25.4		2.29	0.134
TCLP (mg/L)																												
Lead		5	9.84	35.8	NT	-	-	-	NT	-	-	-	0.32	J	0.5	0.027	NT	-	-	-	NT	-	-	-	NT	-	-	-
Mercury, Total		0.2		0	NT	-	-	-	NT	-	-	-	-	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-
GENERAL CHEMISTRY																												
pH (H)	12408-02-		8.13	11	8.8		0	NA	8		0	NA	8.2		0	NA	7.6		0	NA	7.7		0	NA	7.1		0	NA
Cyanide, Reactive	57-12-5			0	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10
Solids, Total	NONE		91.07	95.7	94.5		0.1	NA	93.1		0.1	NA	91		0.1	NA	92.3		0.1	NA	94.4		0.1	NA	83		0.1	NA
Specific Conductance @ 25 C	NONE		58.66	340	79		10	10	61		10	10	78		10	10	20		10	10	12		10	10	59		10	10
Sulfide, Reactive	NONE			0	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10
IGNITABILITY OF SOLIDS																												
Ignitability	NONE			0	NI		0	NA	NI		0	NA	NI		0	NA	NI		0	NA	NI		0	NA	NI		0	NA
MCP GENERAL CHEMISTRY																												
Cyanide, Total	57-12-5	30	1.20	1.2	ND		1	1	ND		1	1	ND		1	1	ND		1.1	1.1	ND		1	1	ND		1.2	1.2

* Comparison is not performed on parameters with non-numeric criteria.
J - Concentration of analyte is below the Method RL, estimated value
U - Not detected at the reported detection limit for the sample.

RCS-1-14: MCP 2014 RCS-1 Reportable Concentrations Criteria effective April 25, 2014.
NS - No Standard
NI - Not Ignitable
ND - Not Detected
NC - No DFAC Value
NA - Not Analyzed/Not Applicable
Analytes detected at levels above RCS-1
Analytes Detected above Winchendon Acceptance Values
Analyte Laboratory Reporting Limits above RCS-1 Values

Table 2 -
FSL Soil Results
372 Cambridge Street, Boston MA

	SAMPLE ID:		372 Cambridge Street Average Concentration	372 Cambridge Street Max Concentration	FSL-3 0'-5'				FSL-3 5'-10'				FSL-3 10'-15'				FSL-3 15'-20'				FSL-3 20'-25'				FSL-4 0'-5'			
	LAB ID:				L2041088-07				L2041088-08				L2041088-09				L2041088-10				L2041088-11				L2041088-12			
	COLLECTION DATE:				9/28/2020				9/28/2020				9/28/2020				9/28/2020				9/28/2020				9/28/2020			
		RCS-1-14																										
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
FIELD SCREENING																												
TVOCs					0				0.2				0				0.1				0				0			
MCP VOLATILE ORGANICS BY EPA 5035																												
Ethylbenzene	100-41-4	40	0.23	0.45	ND		0.0011	0.00016	ND		0.00086	0.00012	ND		0.00093	0.00013	ND		0.0016	0.00022	ND		0.0012	0.00018	ND		0.0014	0.0002
Styrene	100-42-5	3		0	ND		0.0011	0.00022	ND		0.00086	0.00017	ND		0.00093	0.00018	ND		0.0016	0.0003	ND		0.0012	0.00025	ND		0.0014	0.00028
cis-1,3-Dichloropropene	10061-01-	0.01		0	ND		0.00056	0.00018	ND		0.00043	0.00014	ND		0.00046	0.00015	ND		0.00078	0.00025	ND		0.00063	0.0002	ND		0.00072	0.00023
trans-1,3-Dichloropropene	10061-02-	0.01		0	ND		0.0011	0.00031	ND		0.00086	0.00024	ND		0.00093	0.00025	ND		0.0016	0.00042	ND		0.0012	0.00034	ND		0.0014	0.00039
n-Propylbenzene	103-65-1	100	2.65	4.6	ND		0.0011	0.00019	ND		0.00086	0.00015	ND		0.00093	0.00016	ND		0.0016	0.00027	ND		0.0012	0.00021	ND		0.0014	0.00025
n-Butylbenzene	104-51-8	NS	1.66	2.9	ND		0.0011	0.00019	ND		0.00086	0.00014	ND		0.00093	0.00016	ND		0.0016	0.00026	ND		0.0012	0.00021	ND		0.0014	0.00024
p-Chlorotoluene	106-43-4	10		0	ND		0.0022	0.00012	ND		0.0017	0.00009	ND		0.0018	0.0001	ND		0.0031	0.00017	ND		0.0025	0.00014	ND		0.0029	0.00016
1,4-Dichlorobenzene	106-46-7	0.7		0	ND		0.0022	0.00019	ND		0.0017	0.00015	ND		0.0018	0.00016	ND		0.0031	0.00027	ND		0.0025	0.00021	ND		0.0029	0.00025
1,2-Dibromoethane	106-93-4	0.1		0	ND		0.0011	0.00031	ND		0.00086	0.00024	ND		0.00093	0.00026	ND		0.0016	0.00043	ND		0.0012	0.00035	ND		0.0014	0.0004
1,2-Dichloroethane	107-06-2	0.1		0	ND		0.0011	0.00029	ND		0.00086	0.00022	ND		0.00093	0.00024	ND		0.0016	0.0004	ND		0.0012	0.00032	ND		0.0014	0.00037
Acrylonitrile	107-13-1	100		0	ND		0.0045	0.0013	ND		0.0034	0.00099	ND		0.0037	0.0011	ND		0.0062	0.0018	ND		0.005	0.0014	ND		0.0058	0.0016
Methyl isobutyl ketone	108-10-1	0.4		0	ND		0.011	0.0014	ND		0.0086	0.0011	ND		0.0093	0.0012	ND		0.016	0.002	ND		0.012	0.0016	ND		0.014	0.0018
Diisopropyl Ether	108-20-3	100		0	ND		0.0022	0.00024	ND		0.0017	0.00018	ND		0.0018	0.0002	ND		0.0031	0.00033	ND		0.0025	0.00027	ND		0.0029	0.00031
1,3,5-Trimethylbenzene	108-67-8	10	4.88	17	ND		0.0022	0.00022	ND		0.0017	0.00017	ND		0.0018	0.00018	ND		0.0031	0.0003	ND		0.0025	0.00024	0.0013	J	0.0029	0.00028
Bromobenzene	108-86-1	100		0	ND		0.0022	0.00016	ND		0.0017	0.00012	ND		0.0018	0.00013	ND		0.0031	0.00022	ND		0.0025	0.00018	ND		0.0029	0.00021
Toluene	108-88-3	30	0.00	0.0007	ND		0.0011	0.00061	ND		0.00086	0.00047	ND		0.00093	0.0005	ND		0.0016	0.00084	ND		0.0012	0.00068	ND		0.0014	0.00078
Chlorobenzene	108-90-7	1		0	ND		0.00056	0.00014	ND		0.00043	0.00011	ND		0.00046	0.00012	ND		0.00078	0.0002	ND		0.00063	0.00016	ND		0.00072	0.00018
Tetrahydrofuran	109-99-9	500		0	ND		0.0045	0.0018	ND		0.0034	0.0014	ND		0.0037	0.0015	ND		0.0062	0.0025	ND		0.005	0.002	ND		0.0058	0.0023
1,2,4-Trichlorobenzene	120-82-1	2		0	ND		0.0022	0.0003	ND		0.0017	0.00023	ND		0.0018	0.00025	ND		0.0031	0.00042	ND		0.0025	0.00034	ND		0.0029	0.00039
1,4-Dioxane	123-91-1	0.2		0	ND		0.09	0.039	ND		0.069	0.03	ND		0.074	0.032	ND		0.12	0.055	ND		0.1	0.044	ND		0.12	0.051
Dibromochloromethane	124-48-1	0.005		0	ND		0.0011	0.00016	ND		0.00086	0.00012	ND		0.00093	0.00013	ND		0.0016	0.00022	ND		0.0012	0.00018	ND		0.0014	0.0002
Tetrachloroethene	127-18-4	1	0.00	0.0024	ND		0.00056	0.00022	ND		0.00043	0.00017	ND		0.00046	0.00018	ND		0.00078	0.0003	ND		0.00063	0.00025	0.0024		0.00072	0.00028
sec-Butylbenzene	135-98-8	NS	1.51	2.6	ND		0.0011	0.00016	ND		0.00086	0.00012	ND		0.00093	0.00014	ND		0.0016	0.00023	ND		0.0012	0.00018	ND		0.0014	0.00021
1,3-Dichloropropane	142-28-9	500		0	ND		0.0022	0.00019	ND		0.0017	0.00014	ND		0.0018	0.00016	ND		0.0031	0.00026	ND		0.0025	0.00021	ND		0.0029	0.00024
cis-1,2-Dichloroethene	156-59-2	0.1		0	ND		0.0011	0.0002	ND		0.00086	0.00015	ND		0.00093	0.00016	ND		0.0016	0.00027	ND		0.0012	0.00022	ND		0.0014	0.00025
trans-1,2-Dichloroethene	156-60-5	1		0	ND		0.0017	0.00015	ND		0.0013	0.00012	ND		0.0014	0.00013	ND		0.0023	0.00021	ND		0.0019	0.00017	ND		0.0022	0.0002
Methyl tert butyl ether	1634-04-4	0.1		0	ND		0.0022	0.00022	ND		0.0017	0.00017	ND		0.0018	0.00019	ND		0.0031	0.00031	ND		0.0025	0.00025	ND		0.0029	0.00029
p/m-Xylene	179601-23	100	2.44	4.6	ND		0.0022	0.00063	ND		0.0017	0.00048	ND		0.0018	0.00052	ND		0.0031	0.00087	ND		0.0025	0.0007	ND		0.0029	0.00081
1,3-Dichlorobenzene	541-73-1	3		0	ND		0.0022	0.00016	ND		0.0017	0.00013	ND		0.0018	0.00014	ND		0.0031	0.00023	ND		0.0025	0.00018	ND		0.0029	0.00021
1,3-Dichloropropene, Total	542-75-6	0.01		0	ND		0.00056	0.00018	ND		0.00043	0.00014	ND		0.00046	0.00015	ND		0.00078	0.00025	ND		0.00063	0.0002	ND		0.00072	0.00023
Carbon tetrachloride	56-23-5	5		0	ND		0.0011	0.00026	ND		0.00086	0.0002	ND		0.00093	0.00021	ND		0.0016	0.00036	ND		0.0012	0.00029	ND		0.0014	0.00033
1,1-Dichloropropene	563-58-6	0.1		0	ND		0.00056	0.00018	ND		0.00043	0.00014	ND		0.00046	0.00015	ND		0.00078	0.00025	ND		0.00063	0.0002	ND		0.00072	0.00023
2-Hexanone	591-78-6	100		0	ND		0.011	0.0013	ND		0.0086	0.001	ND		0.0093	0.0011	ND		0.016	0.0018	ND		0.012	0.0015	ND		0.014	0.0017
2,2-Dichloropropane	594-20-7	0.1		0	ND		0.0022	0.00023	ND		0.0017	0.00017	ND		0.0018	0.00019	ND		0.0031	0.00031	ND		0.0025	0.00025	ND		0.0029	0.00029
Diethyl ether	60-29-7	100		0	ND		0.0022	0.00038	ND		0.0017	0.00029	ND		0.0018	0.00032	ND		0.0031	0.00053	ND		0.0025	0.00043	ND		0.0029	0.00049
1,1,1,2-Tetrachloroethane	630-20-6	0.1		0	ND		0.00056	0.00015	ND		0.00043	0.00011	ND		0.00046	0.00012	ND		0.00078	0.0002	ND		0.00063	0.00016	ND		0.00072	0.00019
Ethyl-Tert-Butyl-Ether	637-92-3	NS		0	ND		0.0022	0.00014	ND		0.0017	0.00011	ND		0.0018	0.00012	ND		0.0031	0.0002	ND		0.0025	0.00016	ND		0.0029	0.00018
Acetone	67-64-1	6		0	ND		0.028	0.011	ND		0.022	0.0086	ND		0.023	0.0093	ND		0.039	0.016	ND		0.031	0.012	ND		0.036	0.014
Chloroform	67-66-3	0.2		0	ND		0.0017	0.00016	ND		0.0013	0.00012	ND		0.0014	0.00013	ND		0.0023	0.00022	ND		0.0019	0.00018	ND		0.0022	0.0002
Benzene	71-43-2	2	0.00	0.0037	ND		0.00056	0.00019	ND		0.00043	0.00014	ND		0.00046	0.00015	ND		0.00078	0.00026	ND		0.00063	0.00021	0.00037	J	0.00072	0.00024
1,1,1-Trichloroethane	71-55-6	30		0	ND		0.00056	0.00019	ND		0.00043	0.00014	ND		0.00046	0.00016	ND		0.00078	0.00026	ND		0.00063	0.00021	ND		0.00072	0.00024
Bromomethane	74-83-9	0.5	0.00	0.0012	0.0012	J	0.0022	0.00065	ND		0.0017	0.0005	ND		0.0018	0.00054	ND		0.0031	0.0009	ND		0.0025	0.00073	ND		0.0029	0.00084
Chloromethane	74-87-3	100		0	ND		0.0045	0.001	ND		0.0034	0.0008	ND		0.0037	0.00086	ND		0.0062	0.0014	ND		0.005	0.0012	ND		0.0058	0.0013
Dibromomethane	74-95-3	500		0	ND		0.0022	0.00027	ND		0.0017	0.0002	ND		0.0018	0.00022	ND		0.0031	0.00037	ND		0.0025	0.0003	ND		0.0029	0.00034
Bromochloromethane	74-97-5	NS		0	ND		0.0022	0.00023	ND		0.0017	0.00018	ND		0.0018	0.00019	ND		0.0031	0.00032	ND		0.0025	0.00026	ND		0.0029	0.0003
Chloroethane	75-00-3	100		0	ND		0.0022	0.00051	ND		0.0017	0.00039	ND		0.0018	0.00042	ND		0.0031	0.0007	ND		0.0025	0.00057	ND		0.0029	0.00065
Vinyl chloride	75-01-4	0.7		0	ND		0.0011	0.00038	ND		0.00086	0.00029	ND		0.00093	0.00031	ND		0.0016	0.00052	ND		0.0012	0.00042	ND		0.0014	0.00048
Methylene chloride	75-09-2	0.1		0	ND		0.0056	0.0026	ND		0.0043	0.002	ND		0.0046	0.0021	ND		0.0078	0.0036	ND		0.0063	0.0029	ND		0.0072	0.0033
Carbon disulfide	75-15-0	100		0	ND		0.011	0.0012	ND		0.0086	0.00095	ND		0.0093	0.001	ND		0.016	0.0017	ND		0.012	0.0014	ND		0.014	0.0016
Bromoform	75-25-2	0.1		0	ND		0.0045	0.00028	ND		0.0034	0.00021	ND		0.0037	0.00023	ND		0.0062	0.00038	ND		0.005	0.00031	ND		0.0058	0.00036
Bromodichloromethane	75-27-4	0.1		0	ND		0.00056	0.00012	ND		0.00043	0.00009	ND		0.00046	0.0001	ND		0.00078	0.00017	ND		0.00063	0.00014	ND		0.00072	0.00016
1,1-Dichloroethane	75-34-3	0.4		0	ND		0.0011	0.00016	ND		0.00086	0.00012	ND		0.00093	0.00013	ND		0.0016	0.00022	ND		0.0012	0.00018	ND		0.0014	0.00021
1,1-Dichloroethene	75-35-4	3		0	ND		0.0011	0.00027	ND		0.00086	0.0002	ND		0.00093	0.00022	ND		0.0016	0.00037	ND		0.0012	0.0003	ND		0.0014	0.00034
Trichlorofluoromethane	75-69-4	1000		0	ND		0.0045	0.00078	ND		0.0034	0.0006	ND		0.0037	0.00064	ND		0.0062	0.0011	ND		0.005	0.00087	ND		0.0058	0.001
Dichlorodifluoromethane	75-71-8	1000		0	ND		0.011	0.001	ND		0.0086	0.00079	ND		0.0093	0.00085	ND		0.016	0.0014	ND		0.012	0.0011	ND		0.014	0.0013
1,2-Dichloropropane	78-87-5	0.1		0	ND		0.0011	0.00014	ND		0.00086	0.00011	ND		0.00093	0.00012	ND		0.0016	0.00019	ND		0.0012	0.00016	ND		0.0014	0.00018
Methyl ethyl ketone	78-93-3	4		0	ND		0.011	0.0025	ND		0.0086	0.0019	ND		0.0093	0.0021	ND		0.016	0.0034	ND		0.012	0.0028	ND		0.014	0.0032
1,1,2-Trichloroethane	79-00-5	0.1		0	ND		0.0011	0.0003	ND		0.00086	0.00023	ND		0.00093	0.00025	ND		0.0016	0.00042	ND		0.0012	0.00034	ND		0.0014	0.00038
Trichloroethene	79-01-6	0.3		0	ND		0.00056	0.00015	ND		0.00043	0.00012	ND		0.00046	0.00013	ND		0.00078	0.00021	ND		0.00063	0.00017	ND		0.00072	0.0002
1,1,2,2-Tetrachloroethane	79-34-5	0.005		0	ND		0.00056	0.00019	ND		0.00043	0.00014	ND		0.00046	0.00015	ND		0.00078	0.00026	ND		0.00063	0.00021	ND		0.00072	0.00024
1,2,3-Trichlorobenzene	87-61-6	NS		0	ND		0.0022	0.00036	ND		0.0017	0.00028	ND		0.0018	0.0003	ND		0.0031	0.0005	ND		0.0025	0.0004	ND		0.0029	0.00046
Hexachlorobutadiene	87-68-3	30		0	ND		0.0045	0.00019	ND		0.0034	0.00014	ND		0.0037	0.00016	ND		0.0062	0.00026	ND		0.005	0.00021	ND		0.0058	0.00024
Naphthalene	91-20-3	4	0.47	3.2	ND		0.0045	0.00073	ND		0.0034	0.00056	ND		0.0037	0.0006	ND		0.0062	0.001	ND		0.005	0.00082	ND		0.0058	0.00094
o-Xylene	95-47-6	100	0.27	0.27	ND		0.0011	0.00033	ND		0.00086	0.00025	ND		0.00093	0.00027	ND		0.0016	0.00045	ND		0.0012	0.00036	ND		0.0014	0.00042
o-Chlorotoluene	95-49-8	100		0	ND		0.0022	0.00021	ND		0.0017	0.00016	ND		0.0018	0.00018	ND		0.0031	0.0003	ND		0.0025	0.00024	ND		0.0029	0.00028
1,2-Dichlorobenzene	95-50-1	9		0	ND		0.0022	0.00016	ND		0.0017	0.00012	ND		0.0018	0.00013	ND		0.0031	0.00022	ND		0.0025	0.00018	ND		0.0029	0.00021
1,2,4-Trimethylbenzene	95-63-6	1000	19.60	34	ND		0.0022	0.00037	ND		0.0017	0.00029	ND		0.0018	0.00031	ND		0.0031	0.00052	ND		0.0025	0.00042	ND		0.0029	0.00048
1,2-Dibromo-3-chloropropane	96-12-8	10		0	ND		0.0034	0.0011	ND		0.0026	0.00086	ND		0.0028	0.00093	ND		0.0047	0.0016	ND		0.0038	0.0012	ND		0.0043	0.0014
1,2,3-Trichloropropane	96-18-4	100		0	ND		0.0022	0.00014	ND		0.0017	0.00011	ND		0.0018	0.00012	ND		0.0031	0.0002	ND		0.0025	0.00016	ND		0.0029	0.00018
tert-Butylbenzene	98-06-6	100	0.27	0.47	ND		0.0022	0.00013	ND		0.0017	0.0001	ND		0.0018	0.00011	ND		0.0031	0.00018	ND		0.0025	0.00015	ND		0.0029	0.00017
Isopropylbenzene	98-82-8	1000	1.92	3.4	ND		0.0011	0.00012	ND		0.00086	0.00009	ND		0.00093	0.0001	ND		0.0016	0.00017	ND		0.0012	0.00014	ND		0.0014	0.00016
Tertiary-Amyl Methyl Ether	994-05-8	NS		0	ND		0.0022	0.0002	ND		0.0017	0.00015	ND		0.0018	0.00016	ND		0.0031	0.00027	ND		0.0025	0.00022	ND		0.0029	0.00025
p-Isopropyltoluene	99-87-6	100	1.83	4.7	ND		0.0011	0.00012	ND		0.00086	0.00009	ND		0.00093	0.0001	ND		0.0016	0.00017	ND		0.0012	0.00014	0.00074	J	0.0014	0.00016
SUM			5.57	83.09	0.0012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00481	-	-	-
MCP SEMIVOLATILE ORGANICS																												
1,2,4,5-Tetrachlorobenzene	95-94-3	1000		0	ND		360	37	ND		350	37	ND		180	18	ND		170	18	ND		180	18	ND		170	18
1,2,4-Trichlorobenzene	120-82-1	2		0	ND		0.18	0.02	ND		0.18	0.02	ND		0.18	0.02	ND		0.17	0.02	ND		0.18	0.02	ND		0.17	0.019
1,2-Dichlorobenzene	95-50-1	9		0	ND		0.18	0.032	ND		0.18	0.032	ND		0.18	0.032	ND		0.17	0.031	ND		0.18	0.032	ND		0.17	0.03
1,3-Dichlorobenzene	541-73-1	3		0	ND		0.18	0.03	ND		0.18	0.031	ND		0.18	0.031	ND		0.17	0.03	ND		0.18	0.03	ND		0.17	0.029
1,4-Dichlorobenzene	106-46-7	0.7		0	ND		0.074	0.031	ND		0.075	0.031	ND		0.075	0.031	ND		0.072	0.03	ND		0.074	0.031	ND		0.071	0.029
2,4,5-Trichlorophenol	95-95-4	4		0	ND		0.18	0.034	ND		0.18	0.034	ND		0.18	0.034	ND		0.17	0.033	ND		0.18	0.034	ND		0.17	0.032
2,4,6-Trichlorophenol	88-06-2	0.7		0	ND		0.074	0.034	ND		0.075	0.034	ND		0.075	0.034	ND		0.072	0.033	ND		0.074	0.033	ND		0.071	0.032
2,4-Dichlorophenol	120-83-2	0.7		0	ND		0.074	0.028	ND		0.075	0.029	ND		0.075	0.029	ND		0.072	0.028	ND		0.074	0.028	ND		0.071	0.027
2,4-Dimethylphenol	105-67-9	0.7		0	ND		0.074	0.059	ND		0.075	0.059	ND		0.075	0.059	ND		0.072	0.057	ND		0.074	0.058	ND		0.071	0.056
2,4-Dinitrophenol	51-28-5	3		0	ND		0.85	0.083	ND		0.86	0.083	ND		0.85	0.083	ND		0.83	0.08	ND		0.84	0.082	ND		0.81	0.079
2,4-Dinitrotoluene	121-14-2	0.7	0.07	0.066	ND		0.074	0.036	0.066	J	0.075	0.036	ND		0.075	0.036	ND		0.072	0.034	ND		0.074	0.035	ND		0.071	0.034
2,6-Dinitrotoluene	606-20-2	100		0	ND		0.18	0.03	ND		0.18	0.031	ND		0.18	0.03	ND		0.17	0.03	ND		0.18	0.03	ND		0.17	0.029
2-Chloronaphthalene	91-58-7	1000		0	ND		0.18	0.018	ND		0.18	0.018	ND		0.18	0.018	ND		0.17	0.017	ND		0.18	0.017	ND		0.17	0.017
2-Chlorophenol	95-57-8	0.7		0	ND		0.074	0.021	ND		0.075	0.021	ND		0.075	0.021	ND		0.072	0.02	ND		0.074	0.021	ND		0.071	0.02
2-Methylnaphthalene	91-57-6	0.7	0.48	2.6	0.19		0.074	0.021	ND		0.075	0.022	ND		0.075	0.022	ND		0.072	0.021	ND		0.074	0.021	ND		0.071	0.02
2-Methylphenol	95-48-7	500		0	ND		0.18	0.028	ND		0.18	0.028	ND		0.18	0.028	ND		0.17	0.027	ND		0.18	0.027	ND		0.17	0.026
2-Nitrophenol	88-75-5	100		0	ND		0.38	0.067	ND		0.39	0.067	ND		0.38	0.067	ND		0.37	0.065	ND		0.38	0.066	ND		0.36	0.063
3,3'-Dichlorobenzidine	91-94-1	3		0	ND		0.18	0.047	ND		0.18	0.048	ND		0.18	0.047	ND		0.17	0.046	ND		0.18	0.047	ND		0.17	0.045
3-Methylphenol/4-Methylphenol	108-39-4/	500	0.09	0.14	0.055	J	0.26	0.028	ND		0.26	0.028	ND		0.26	0.028	ND		0.25	0.027	ND		0.25	0.028	ND		0.24	0.026
4,6-Dinitro-o-cresol	534-52-1	50		0	ND		0.93	0.17	ND		0.91	0.17	ND		0.46	0.084	ND		0.45	0.084	ND		0.46	0.084	ND		0.45	0.083
4-Bromophenyl phenyl ether	101-55-3	100		0	ND		0.18	0.027	ND		0.18	0.027	ND		0.18	0.027	ND		0.17	0.026	ND		0.18	0.027	ND		0.17	0.026
4-Chloroaniline	106-47-8	1		0	ND		0.18	0.032	ND		0.18	0.032	ND		0.18	0.032	ND		0.17	0.031	ND		0.18	0.032	ND		0.17	0.031
4-Chlorophenyl phenyl ether	7005-72-3	1000		0	ND		0.36	0.038	ND		0.35	0.038	ND		0.18	0.019	ND		0.17	0.019	ND		0.18	0.019	ND		0.17	0.018
4-Nitroaniline	100-01-6	1000		0	ND		0.36	0.15	ND		0.35	0.14	ND		0.18	0.073	ND		0.17	0.072	ND		0.18	0.073	ND		0.17	0.071
4-Nitrophenol	100-02-7	100		0	ND		0.25	0.072	ND		0.25	0.073	ND		0.25	0.073	ND		0.24	0.07	ND		0.24	0.072	ND		0.24	0.069
Acenaphthene	83-32-9	4	1.73	12	1.2		0.14	0.018	ND		0.14	0.018	ND		0.14	0.018	ND		0.14	0.018	ND		0.14	0.018	0.084	J	0.14	0.017
Acenaphthylene	208-96-8	1	0.72	3	0.5		0.14	0.027	0.048	J	0.14	0.028	ND		0.14	0.027	ND		0.14	0.027	ND		0.14	0.027	0.064	J	0.14	0.026
Acetophenone	98-86-2	1000	0.06	0.063	ND		0.18	0.022	ND		0.18	0.022	ND		0.18	0.022	ND		0.17	0.021	ND		0.18	0.022	ND		0.17	0.021
Aniline	62-53-3	1000		0	ND		0.21	0.084	ND		0.21	0.084	ND		0.21	0.084	ND		0.21	0.082	ND		0.21	0.083	ND		0.2	0.08
Anthracene	120-12-7	1000	5.61	43	13		1.1	0.35	0.049	J	0.11	0.035	ND		0.11	0.035	ND		0.1	0.034	ND		0.1	0.034	0.18		0.1	0.033
Azobenzene	103-33-3	NS		0	ND		0.18	0.017	ND		0.18	0.017	ND		0.18	0.017	ND		0.17	0.016	ND		0.18	0.017	ND		0.17	0.016
Benzidine	92-87-5	10		0	ND		1.2	0.39	ND		1.2	0.38	ND		0.58	0.19	ND		0.58	0.19	ND		0.58	0.19	ND		0.57	0.19
Benzo(a)anthracene	56-55-3	7	6.92	60	26		1.1	0.2	0.29		0.11	0.02	0.14		0.11	0.02	ND		0.1	0.019	ND		0.1	0.02	0.66		0.1	0.019
Benzo(a)pyrene	50-32-8	2	7.35	47	24		1.4	0.43	0.31		0.14	0.044	0.16		0.14	0.043	ND		0.14	0.042	ND		0.14	0.043	0.67		0.14	0.041
Benzo(b)fluoranthene	205-99-2	7	7.71	58	26		1.1	0.3	0.34		0.11	0.03	0.18		0.11	0.03	ND		0.1	0.029	ND		0.1	0.03	0.84		0.1	0.028
Benzo(ghi)perylene	191-24-2	1000	3.51	23	7.7	E	0.14	0.021	0.17		0.14	0.021	0.097	J	0.14	0.021	ND		0.14	0.02	ND		0.14	0.021	0.41		0.14	0.02
Benzo(k)fluoranthene	207-08-9	70	2.58	16	4.7		0.11	0.028	0.12		0.11	0.029	0.051	J	0.11	0.028	ND		0.1	0.028	ND		0.1	0.028	0.28		0.1	0.027
Benzoic Acid	65-85-0	1000		0	ND		1.2	0.36	ND		1.1	0.36	ND		0.57	0.18	ND		0.56	0.18	ND		0.57	0.18	ND		0.56	0.17
Bis(2-chloroethoxy)methane	111-91-1	500		0	ND		0.19	0.018	ND		0.19	0.018	ND		0.19	0.018	ND		0.19	0.017	ND		0.19	0.018	ND		0.18	0.017
Bis(2-chloroethyl)ether	111-44-4	0.7		0	ND		0.074	0.024	ND		0.075	0.024	ND		0.075	0.024	ND		0.072	0.023	ND		0.074	0.024	ND		0.071	0.023
Bis(2-chloroisopropyl)ether	108-60-1	0.7		0	ND		0.074	0.03	ND		0.075	0.03	ND		0.075	0.03	ND		0.072	0.03	ND		0.074	0.03	ND		0.071	0.029
Bis(2-ethylhexyl)phthalate	117-81-7	90	0.20	0.28	ND		0.18	0.061	ND		0.18	0.062	ND		0.18	0.062	ND		0.17	0.06	ND		0.18	0.061	0.28		0.17	0.058
Butyl benzyl phthalate	85-68-7	100		0	ND		0.18	0.045	ND		0.18	0.045	ND		0.18	0.045	ND		0.17	0.044	ND		0.18	0.044	ND		0.17	0.042
Chrysene	218-01-9	70	6.14	48	22		1.1	0.18	0.24		0.11	0.019	0.14		0.11	0.018	ND		0.1	0.018	ND		0.1	0.018	0.71		0.1	0.018
Dibenzo(a,h)anthracene	53-70-3	0.7	0.95	5.9	2		0.074	0.02	0.033	J	0.075	0.021	0.02	J	0.075	0.02	ND		0.072	0.02	ND		0.074	0.02	0.088		0.071	0.02
Dibenzofuran	132-64-9	100	1.40	11	0.92		0.18	0.017	ND		0.18	0.017	ND		0.18	0.017	ND		0.17	0.016	ND		0.18	0.017	0.028	J	0.17	0.016
Diethyl phthalate	84-66-2	10		0	ND		0.18	0.016	ND		0.18	0.016	ND		0.18	0.016	ND		0.17	0.016	ND		0.18	0.016	ND		0.17	0.016
Dimethyl phthalate	131-11-3	0.7	0.18	0.18	ND		0.074	0.037	ND		0.075	0.038	ND		0.075	0.037	0.18		0.072	0.036	ND		0.074	0.037	ND		0.071	0.035
Di-n-butylphthalate	84-74-2	50	0.05	0.053	ND		0.18	0.034	ND		0.18	0.034	ND		0.18	0.034	ND		0.17	0.033	ND		0.18	0.033	ND		0.17	0.032
Di-n-octylphthalate	117-84-0	1000		0	ND		0.18	0.06	ND		0.18	0.061	ND		0.18	0.06	ND		0.17	0.059	ND		0.18	0.06	ND		0.17	0.057
Fluoranthene	206-44-0	1000	14.79	120	54		1.1	0.2	0.38		0.11	0.02	0.2		0.11	0.02	ND		0.1	0.02	ND		0.1	0.02	1.4		0.1	0.019
Fluorene	86-73-7	1000	1.69	12	0.77		0.18	0.017	ND		0.18	0.017	ND		0.18	0.017	ND		0.17	0.017	ND		0.18	0.017	0.043	J	0.17	0.016
Hexachlorobenzene	118-74-1	0.7		0	ND		0.074	0.02	ND		0.075	0.02	ND		0.075	0.02	ND		0.072	0.019	ND		0.074	0.02	ND		0.071	0.019
Hexachlorobutadiene	87-68-3	30		0	ND		0.18	0.026	ND		0.18	0.026	ND		0.18	0.026	ND		0.17	0.025	ND		0.18	0.026	ND		0.17	0.025
Hexachlorocyclopentadiene	77-47-4	50		0	ND		1	0.32	ND		1	0.32	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.49	0.16
Hexachloroethane	67-72-1	0.7		0	ND		0.074	0.029	ND		0.075	0.029	ND		0.075	0.029	ND		0.072	0.028	ND		0.074	0.028	ND		0.071	0.027
Indeno(1,2,3-cd)pyrene	193-39-5	7	4.01	25	12		1.4	0.25	0.16		0.14	0.025	0.096	J	0.14	0.025	ND		0.14	0.024	ND		0.14	0.024	0.4		0.14	0.024
Isophorone	78-59-1	100		0	ND		0.16	0.023	ND		0.16	0.023	ND		0.16	0.023	ND		0.16	0.022	ND		0.16	0.023	ND		0.15	0.022
Naphthalene	91-20-3	4	0.58	2.6	0.32		0.18	0.022	ND		0.18	0.022	ND		0.18	0.022	ND		0.17	0.021	ND		0.18	0.021	0.025	J	0.17	0.02
NDPA/DPA	86-30-6	100		0	ND		0.28	0.041	ND		0.28	0.04	ND		0.14	0.02	ND		0.14	0.02	ND		0.14	0.02	ND		0.14	0.02
Nitrobenzene	98-95-3	500		0	ND		0.16	0.026	ND		0.16	0.026	ND		0.16	0.026	ND		0.16	0.026	ND		0.16	0.026	ND		0.15	0.025
n-Nitrosodimethylamine	62-75-9	50		0	ND		0.71	0.068	ND		0.7	0.067	ND		0.35	0.034	ND		0.35	0.034	ND		0.35	0.034	ND		0.34	0.033
n-Nitrosodi-n-propylamine	621-64-7	50		0	ND		0.36	0.055	ND		0.35	0.054	ND		0.18	0.027	ND		0.17	0.027	ND		0.18	0.027	ND		0.17	0.026
p-Chloro-m-cresol	59-50-7	1000		0	ND		0.36	0.053	ND		0.35	0.052	ND		0.18	0.026	ND		0.17	0.026	ND		0.18	0.026	ND		0.17	0.026
Pentachloronitrobenzene	82-68-8	100		0	ND		360	61	ND		350	60	ND		180	30	ND		170	30	ND		180	30	ND		170	29
Pentachlorophenol	87-86-5	3		0	ND		0.36	0.039	ND		0.36	0.039	ND		0.36	0.039	ND		0.34	0.038	ND		0.35	0.039	ND		0.34	0.037
Phenanthrene	85-01-8	10	12.24	110	38		1.1	0.22	0.12		0.11	0.022	0.079	J	0.11	0.022	ND		0.1	0.021	ND		0.1	0.021	0.65		0.1	0.02
Phenol	108-95-2	1	0.05	0.076	ND		0.18	0.027	ND		0.18	0.027	ND		0.18	0.027	ND		0.17	0.026	ND		0.18	0.026	ND		0.17	0.025
Pyrene	129-00-0	1000	12.71	100	48		1.1	0.18	0.38		0.11	0.018	0.21		0.11	0.018	ND		0.1	0.017	ND		0.1	0.017	1.3		0.1	0.017
Pyridine	110-86-1	500		0	ND		0.38	0.14	ND		0.38	0.13	ND		0.19	0.067	ND		0.19	0.066	ND		0.19	0.067	ND		0.19	0.065
Total SVOCs			53.91	699.1	281.355	-	-	-	2.706	-	-	-	1.373	-	-	-	0.18	-	-	-	0	-	-	-	8.112	-	-	-

Table 2 -
FSL Soil Results
372 Cambridge Street, Boston MA

	SAMPLE ID:		372 Cambridge Street Average Concentration	372 Cambridge Street Max Concentration	FSL-3 0'-5'				FSL-3 5'-10'				FSL-3 10'-15'				FSL-3 15'-20'				FSL-3 20'-25'				FSL-4 0'-5'			
	LAB ID:				L2041088-07				L2041088-08				L2041088-09				L2041088-10				L2041088-11				L2041088-12			
	COLLECTION DATE				9/28/2020				9/28/2020				9/28/2020				9/28/2020				9/28/2020				9/28/2020			
	RCS-1-14																											
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
MCP POLYCHLORINATED BIPHENYLS																												
Aroclor 1016	12674-11-	1		0	ND		0.0357	0.0357	ND		0.0353	0.0353	ND		0.0346	0.0346	ND		0.0339	0.0339	ND		0.0335	0.0335	ND		0.0341	0.0341
Aroclor 1221	11104-28-	1		0	ND		0.0357	0.0357	ND		0.0353	0.0353	ND		0.0346	0.0346	ND		0.0339	0.0339	ND		0.0335	0.0335	ND		0.0341	0.0341
Aroclor 1232	11141-16-	1		0	ND		0.0357	0.0357	ND		0.0353	0.0353	ND		0.0346	0.0346	ND		0.0339	0.0339	ND		0.0335	0.0335	ND		0.0341	0.0341
Aroclor 1242	53469-21-	1		0	ND		0.0357	0.0357	ND		0.0353	0.0353	ND		0.0346	0.0346	ND		0.0339	0.0339	ND		0.0335	0.0335	ND		0.0341	0.0341
Aroclor 1248	12672-29-	1		0	ND		0.0357	0.0357	ND		0.0353	0.0353	ND		0.0346	0.0346	ND		0.0339	0.0339	ND		0.0335	0.0335	ND		0.0341	0.0341
Aroclor 1254	11097-69-	1	0.04	0.0397	ND		0.0357	0.0357	ND		0.0353	0.0353	ND		0.0346	0.0346	ND		0.0339	0.0339	ND		0.0335	0.0335	0.0397		0.0341	0.0341
Aroclor 1260	11096-82-	1	0.07	0.088	ND		0.0357	0.0357	ND		0.0353	0.0353	ND		0.0346	0.0346	ND		0.0339	0.0339	ND		0.0335	0.0335	0.0465		0.0341	0.0341
Aroclor 1262	37324-23-	1		0	ND		0.0357	0.0357	ND		0.0353	0.0353	ND		0.0346	0.0346	ND		0.0339	0.0339	ND		0.0335	0.0335	ND		0.0341	0.0341
Aroclor 1268	11100-14-	1		0	ND		0.0357	0.0357	ND		0.0353	0.0353	ND		0.0346	0.0346	ND		0.0339	0.0339	ND		0.0335	0.0335	ND		0.0341	0.0341
PCBs, Total	1336-36-3	1	0.09	0.088	ND		0.0357	0.0357	ND		0.0353	0.0353	ND		0.0346	0.0346	ND		0.0339	0.0339	ND		0.0335	0.0335	0.0862		0.0341	0.0341
PETROLEUM HYDROCARBON QUANTITATION																												
TPH (C10-C36)	NONE	1000	595.55	3150	283		34.9	4.02	35.9		34.3	3.95	41		35.6	4.09	ND		33.8	3.88	ND		34.1	3.92	898		167	19.2
MCP TOTAL METALS																												
Antimony, Total	7440-36-0	20	1.76	4.79	ND		2.13	0.162	ND		2.14	0.163	ND		2.1	0.16	ND		2.01	0.152	ND		2.01	0.153	ND		2.02	0.154
Arsenic, Total	7440-38-2	20	5.54	16.2	6.73		0.426	0.089	4.34		0.428	0.089	4.51		0.42	0.087	6.21		0.401	0.084	5.05		0.402	0.084	3.18		0.404	0.084
Barium, Total	7440-39-3	1000	53.56	398	59.5		0.426	0.074	21.4		0.428	0.075	30.5		0.42	0.073	20.8		0.401	0.07	23.4		0.402	0.07	27.3		0.404	0.07
Beryllium, Total	7440-41-7	90	0.22	0.546	0.234		0.213	0.014	0.163	J	0.214	0.014	0.164	J	0.21	0.014	0.213		0.201	0.013	0.257		0.201	0.013	0.089	J	0.202	0.013
Cadmium, Total	7440-43-9	70	0.83	3.88	0.464		0.426	0.042	0.45		0.428	0.042	0.554		0.42	0.041	0.642		0.401	0.039	0.562		0.402	0.039	0.493		0.404	0.04
Chromium, Total	7440-47-3	100	14.88	37.8	21		0.426	0.041	14.1		0.428	0.041	18.7		0.42	0.04	12.5		0.401	0.039	11.2		0.402	0.039	9.14		0.404	0.039
Lead, Total	7439-92-1	200	143.67	1640	31.5		2.13	0.114	39.9		2.14	0.115	36.8		2.1	0.112	8.84		2.01	0.108	8		2.01	0.108	18.6		2.02	0.108
Mercury, Total	7439-97-6	20	1.44	10.9	ND		0.074	0.074	0.137		0.075	0.075	0.79		0.073	0.073	ND		0.07	0.07	ND		0.072	0.072	ND		0.069	0.069
Nickel, Total	7440-02-0	600	12.33	26.6	15.8		1.06	0.103	12		1.07	0.104	13.3		1.05	0.102	13.4		1	0.097	11.8		1	0.097	8.32		1.01	0.098
Selenium, Total	7782-49-2	400	0.40	1.81	0.306	J	2.13	0.11	0.257	J	2.14	0.11	0.344	J	2.1	0.108	0.369	J	2.01	0.104	0.578	J	2.01	0.104	0.15	J	2.02	0.104
Silver, Total	7440-22-4	100	1.18	1.18	ND		0.426	0.12	ND		0.428	0.121	ND		0.42	0.119	ND		0.401	0.114	ND		0.402	0.114	ND		0.404	0.114
Thallium, Total	7440-28-0	8	0.42	0.807	ND		2.13	0.134	ND		2.14	0.135	ND		2.1	0.132	0.791	J	2.01	0.126	0.807	J	2.01	0.126	ND		2.02	0.127
Vanadium, Total	7440-62-2	400	22.70	51	24.9		0.426	0.086	18.6		0.428	0.087	27.8		0.42	0.085	17.8		0.401	0.082	15.3		0.402	0.082	15		0.404	0.082
Zinc, Total	7440-66-6	1000	125.26	1580	69		2.13	0.125	51.7		2.14	0.126	46		2.1	0.123	46.2		2.01	0.118	40.8		2.01	0.118	31.7		2.02	0.118
TCLP (mg/L)																												
Lead		5	9.84	35.8	NT	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-
Mercury, Total		0.2		0	NT	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-
GENERAL CHEMISTRY																												
pH (H)	12408-02-		8.13	11	8.2		0	NA	8.1		0	NA	7.8		0	NA	7.2		0	NA	7.7		0	NA	10.5		0	NA
Cyanide, Reactive	57-12-5			0	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10
Solids, Total	NONE		91.07	95.7	91.2		0.1	NA	91.9		0.1	NA	91.9		0.1	NA	95		0.1	NA	94.1		0.1	NA	95.7		0.1	NA
Specific Conductance @ 25 C	NONE		58.66	340	39		10	10	66		10	10	62		10	10	57		10	10	15		10	10	18		10	10
Sulfide, Reactive	NONE			0	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10
IGNITABILITY OF SOLIDS																												
Ignitability	NONE			0	NI		0	NA	NI		0	NA	NI		0	NA	NI		0	NA	NI		0	NA	NI		0	NA
MCP GENERAL CHEMISTRY																												
Cyanide, Total	57-12-5	30	1.20	1.2	ND		1.1	1.1	ND		1	1	ND		0.99	0.99	ND		1	1	ND		1	1	ND		1	1

* Comparison is not performed on parameters with non-numeric criteria.
J - Concentration of analyte is below the Method RL, estimated value
U - Not detected at the reported detection limit for the sample.

RCS-1-14: MCP 2014 RCS-1 Reportable Concentrations Criteria effective April 25, 2014.
NS - No Standard
NI - Not Ignitable
ND - Not Detected
NC - No DFAC Value
NA - Not Analyzed/Not Applicable
Analytes detected at levels above RCS-1
Analytes Detected above Winchendon Acceptance Values
Analyte Laboratory Reporting Limits above RCS-1 Values

Table 2 -
FSL Soil Results
372 Cambridge Street, Boston MA

SAMPLE ID:			372 Cambridge Street Average Concentration	372 Cambridge Street Max Concentration	FSL-4 5'-10'				FSL-4 10'-15'				FSL-5 0'-5'				FSL-5 5'-10'				FSL-5 10'-15'				FSL-6 0'-5'			
LAB ID:					L2041088-13				L2041088-14				L2041088-15				L2041088-16				L2041088-17				L2041088-18			
COLLECTION DATE					9/28/2020				9/28/2020				9/28/2020				9/28/2020				9/28/2020				9/28/2020			
		RCS-1-14																										
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
FIELD SCREENING																												
TVOCs							0				0.1				0				0				0				0.1	
MCP VOLATILE ORGANICS BY EPA 5035																												
Ethylbenzene	100-41-4	40	0.23	0.45	ND		0.00099	0.00014	ND		0.0009	0.00013	ND		0.00075	0.0001	ND		0.00087	0.00012	ND		0.00086	0.00012	ND		0.0015	0.00022
Styrene	100-42-5	3		0	ND		0.00099	0.00019	ND		0.0009	0.00018	ND		0.00075	0.00015	ND		0.00087	0.00017	ND		0.00086	0.00017	ND		0.0015	0.0003
cis-1,3-Dichloropropene	10061-01-	0.01		0	ND		0.0005	0.00016	ND		0.00045	0.00014	ND		0.00038	0.00012	ND		0.00043	0.00014	ND		0.00043	0.00014	ND		0.00077	0.00024
trans-1,3-Dichloropropene	10061-02-	0.01		0	ND		0.00099	0.00027	ND		0.0009	0.00025	ND		0.00075	0.0002	ND		0.00087	0.00024	ND		0.00086	0.00023	ND		0.0015	0.00042
n-Propylbenzene	103-65-1	100	2.65	4.6	ND		0.00099	0.00017	ND		0.0009	0.00015	ND		0.00075	0.00013	ND		0.00087	0.00015	ND		0.00086	0.00015	ND		0.0015	0.00026
n-Butylbenzene	104-51-8	NS	1.66	2.9	ND		0.00099	0.00016	ND		0.0009	0.00015	ND		0.00075	0.00012	ND		0.00087	0.00014	ND		0.00086	0.00014	ND		0.0015	0.00026
p-Chlorotoluene	106-43-4	10		0	ND		0.002	0.00011	ND		0.0018	0.0001	ND		0.0015	0.00008	ND		0.0017	0.00009	ND		0.0017	0.00009	ND		0.0031	0.00017
1,4-Dichlorobenzene	106-46-7	0.7		0	ND		0.002	0.00017	ND		0.0018	0.00015	ND		0.0015	0.00013	ND		0.0017	0.00015	ND		0.0017	0.00015	ND		0.0031	0.00026
1,2-Dibromoethane	106-93-4	0.1		0	ND		0.00099	0.00028	ND		0.0009	0.00025	ND		0.00075	0.00021	ND		0.00087	0.00024	ND		0.00086	0.00024	ND		0.0015	0.00043
1,2-Dichloroethane	107-06-2	0.1		0	ND		0.00099	0.00025	ND		0.0009	0.00023	ND		0.00075	0.00019	ND		0.00087	0.00022	ND		0.00086	0.00022	ND		0.0015	0.0004
Acrylonitrile	107-13-1	100		0	ND		0.004	0.0011	ND		0.0036	0.001	ND		0.003	0.00086	ND		0.0035	0.001	ND		0.0034	0.00098	ND		0.0062	0.0018
Methyl isobutyl ketone	108-10-1	0.4		0	ND		0.0099	0.0013	ND		0.009	0.0012	ND		0.0075	0.00096	ND		0.0087	0.0011	ND		0.0086	0.0011	ND		0.015	0.002
Diisopropyl Ether	108-20-3	100		0	ND		0.002	0.00021	ND		0.0018	0.00019	ND		0.0015	0.00016	ND		0.0017	0.00018	ND		0.0017	0.00018	ND		0.0031	0.00033
1,3,5-Trimethylbenzene	108-67-8	10	4.88	17	0.00022	J	0.002	0.00019	ND		0.0018	0.00017	ND		0.0015	0.00014	ND		0.0017	0.00017	ND		0.0017	0.00016	ND		0.0031	0.0003
Bromobenzene	108-86-1	100		0	ND		0.002	0.00014	ND		0.0018	0.00013	ND		0.0015	0.00011	ND		0.0017	0.00012	ND		0.0017	0.00012	ND		0.0031	0.00022
Toluene	108-88-3	30	0.00	0.0007	ND		0.00099	0.00054	ND		0.0009	0.00049	ND		0.00075	0.00041	ND		0.00087	0.00047	ND		0.00086	0.00046	ND		0.0015	0.00084
Chlorobenzene	108-90-7	1		0	ND		0.0005	0.00012	ND		0.00045	0.00011	ND		0.00038	0.0001	ND		0.00043	0.00011	ND		0.00043	0.00011	ND		0.00077	0.0002
Tetrahydrofuran	109-99-9	500		0	ND		0.004	0.0016	ND		0.0036	0.0014	ND		0.003	0.0012	ND		0.0035	0.0014	ND		0.0034	0.0014	ND		0.0062	0.0024
1,2,4-Trichlorobenzene	120-82-1	2		0	ND		0.002	0.00027	ND		0.0018	0.00024	ND		0.0015	0.0002	ND		0.0017	0.00024	ND		0.0017	0.00023	ND		0.0031	0.00042
1,4-Dioxane	123-91-1	0.2		0	ND		0.079	0.035	ND		0.072	0.032	ND		0.06	0.026	ND		0.07	0.03	ND		0.068	0.03	ND		0.12	0.054
Dibromochloromethane	124-48-1	0.005		0	ND		0.00099	0.00014	ND		0.0009	0.00013	ND		0.00075	0.0001	ND		0.00087	0.00012	ND		0.00086	0.00012	ND		0.0015	0.00022
Tetrachloroethene	127-18-4	1	0.00	0.0024	0.00085		0.0005	0.00019	ND		0.00045	0.00018	0.00016	J	0.00038	0.00015	ND		0.00043	0.00017	ND		0.00043	0.00017	ND		0.00077	0.0003
sec-Butylbenzene	135-98-8	NS	1.51	2.6	ND		0.00099	0.00014	ND		0.0009	0.00013	ND		0.00075	0.00011	ND		0.00087	0.00013	ND		0.00086	0.00012	ND		0.0015	0.00022
1,3-Dichloropropane	142-28-9	500		0	ND		0.002	0.00016	ND		0.0018	0.00015	ND		0.0015	0.00012	ND		0.0017	0.00014	ND		0.0017	0.00014	ND		0.0031	0.00026
cis-1,2-Dichloroethene	156-59-2	0.1		0	ND		0.00099	0.00017	ND		0.0009	0.00016	ND		0.00075	0.00013	ND		0.00087	0.00015	ND		0.00086	0.00015	ND		0.0015	0.00027
trans-1,2-Dichloroethene	156-60-5	1		0	ND		0.0015	0.00014	ND		0.0014	0.00012	ND		0.0011	0.0001	ND		0.0013	0.00012	ND		0.0013	0.00012	ND		0.0023	0.00021
Methyl tert butyl ether	1634-04-4	0.1		0	ND		0.002	0.0002	ND		0.0018	0.00018	ND		0.0015	0.00015	ND		0.0017	0.00017	ND		0.0017	0.00017	ND		0.0031	0.00031
p/m-Xylene	179601-23	100	2.44	4.6	ND		0.002	0.00056	ND		0.0018	0.00051	ND		0.0015	0.00042	ND		0.0017	0.00049	ND		0.0017	0.00048	ND		0.0031	0.00087
1,3-Dichlorobenzene	541-73-1	3		0	ND		0.002	0.00015	ND		0.0018	0.00013	ND		0.0015	0.00011	ND		0.0017	0.00013	ND		0.0017	0.00013	ND		0.0031	0.00023
1,3-Dichloropropene, Total	542-75-6	0.01		0	ND		0.0005	0.00016	ND		0.00045	0.00014	ND		0.00038	0.00012	ND		0.00043	0.00014	ND		0.00043	0.00014	ND		0.00077	0.00024
Carbon tetrachloride	56-23-5	5		0	ND		0.00099	0.00023	ND		0.0009	0.00021	ND		0.00075	0.00017	ND		0.00087	0.0002	ND		0.00086	0.0002	ND		0.0015	0.00036
1,1-Dichloropropene	563-58-6	0.1		0	ND		0.0005	0.00016	ND		0.00045	0.00014	ND		0.00038	0.00012	ND		0.00043	0.00014	ND		0.00043	0.00014	ND		0.00077	0.00024
2-Hexanone	591-78-6	100		0	ND		0.0099	0.0012	ND		0.009	0.0011	ND		0.0075	0.00088	ND		0.0087	0.001	ND		0.0086	0.001	ND		0.015	0.0018
2,2-Dichloropropane	594-20-7	0.1		0	ND		0.002	0.0002	ND		0.0018	0.00018	ND		0.0015	0.00015	ND		0.0017	0.00018	ND		0.0017	0.00017	ND		0.0031	0.00031
Diethyl ether	60-29-7	100		0	ND		0.002	0.00034	ND		0.0018	0.00031	ND		0.0015	0.00026	ND		0.0017	0.0003	ND		0.0017	0.00029	ND		0.0031	0.00053
1,1,1,2-Tetrachloroethane	630-20-6	0.1		0	ND		0.0005	0.00013	ND		0.00045	0.00012	ND		0.00038	0.0001	ND		0.00043	0.00011	ND		0.00043	0.00011	ND		0.00077	0.0002
Ethyl-Tert-Butyl-Ether	637-92-3	NS		0	ND		0.002	0.00013	ND		0.0018	0.00012	ND		0.0015	0.0001	ND		0.0017	0.00011	ND		0.0017	0.00011	ND		0.0031	0.0002
Acetone	67-64-1	6		0	ND		0.025	0.0099	ND		0.022	0.009	ND		0.019	0.0075	ND		0.022	0.0087	ND		0.021	0.0086	ND		0.039	0.015
Chloroform	67-66-3	0.2		0	ND		0.0015	0.00014	ND		0.0014	0.00013	ND		0.0011	0.0001	ND		0.0013	0.00012	ND		0.0013	0.00012	ND		0.0023	0.00022
Benzene	71-43-2	2	0.00	0.0037	ND		0.0005	0.00016	ND		0.00045	0.00015	ND		0.00038	0.00012	ND		0.00043	0.00014	ND		0.00043	0.00014	0.00034	J	0.00077	0.00026
1,1,1-Trichloroethane	71-55-6	30		0	ND		0.0005	0.00016	ND		0.00045	0.00015	ND		0.00038	0.00012	ND		0.00043	0.00014	ND		0.00043	0.00014	ND		0.00077	0.00026
Bromomethane	74-83-9	0.5	0.00	0.0012	ND		0.002	0.00058	ND		0.0018	0.00052	ND		0.0015	0.00044	ND		0.0017	0.0005	ND		0.0017	0.0005	ND		0.0031	0.0009
Chloromethane	74-87-3	100		0	ND		0.004	0.00092	ND		0.0036	0.00084	ND		0.003	0.0007	ND		0.0035	0.00081	ND		0.0034	0.0008	ND		0.0062	0.0014
Dibromomethane	74-95-3	500		0	ND		0.002	0.00024	ND		0.0018	0.00022	ND		0.0015	0.00018	ND		0.0017	0.00021	ND		0.0017	0.0002	ND		0.0031	0.00037
Bromochloromethane	74-97-5	NS		0	ND		0.002	0.0002	ND		0.0018	0.00018	ND		0.0015	0.00015	ND		0.0017	0.00018	ND		0.0017	0.00018	ND		0.0031	0.00032
Chloroethane	75-00-3	100		0	ND		0.002	0.00045	ND		0.0018	0.00041	ND		0.0015	0.00034	ND		0.0017	0.00039	ND		0.0017	0.00039	ND		0.0031	0.0007
Vinyl chloride	75-01-4	0.7		0	ND		0.00099	0.00033	ND		0.0009	0.0003	ND		0.00075	0.00025	ND		0.00087	0.00029	ND		0.00086	0.00029	ND		0.0015	0.00052
Methylene chloride	75-09-2	0.1		0	ND		0.005	0.0023	ND		0.0045	0.0021	ND		0.0038	0.0017	ND		0.0043	0.002	ND		0.0043	0.002	ND		0.0077	0.0035
Carbon disulfide	75-15-0	100		0	ND		0.0099	0.0011	ND		0.009	0.00099	ND		0.0075	0.00082	ND		0.0087	0.00096	ND		0.0086	0.00094	ND		0.015	0.0017
Bromoform	75-25-2	0.1		0	ND		0.004	0.00024	ND		0.0036	0.00022	ND		0.003	0.00018	ND		0.0035	0.00021	ND		0.0034	0.00021	ND		0.0062	0.00038
Bromodichloromethane	75-27-4	0.1		0	ND		0.0005	0.00011	ND		0.00045	0.0001	ND		0.00038	0.00008	ND		0.00043	0.0001	ND		0.00043	0.00009	ND		0.00077	0.00017
1,1-Dichloroethane	75-34-3	0.4		0	ND		0.00099	0.00014	ND		0.0009	0.00013	ND		0.00075	0.00011	ND		0.00087	0.00012	ND		0.00086	0.00012	ND		0.0015	0.00022
1,1-Dichloroethene	75-35-4	3		0	ND		0.00099	0.00024	ND		0.0009	0.00022	ND		0.00075	0.00018	ND		0.00087	0.00021	ND		0.00086	0.0002	ND		0.0015	0.00037
Trichlorofluoromethane	75-69-4	1000		0	ND		0.004	0.00069	ND		0.0036	0.00063	ND		0.003	0.00052	ND		0.0035	0.0006	ND		0.0034	0.00059	ND		0.0062	0.0011
Dichlorodifluoromethane	75-71-8	1000		0	ND		0.0099	0.00091	ND		0.009	0.00083	ND		0.0075	0.00069	ND		0.0087	0.00079	ND		0.0086	0.00078	ND		0.015	0.0014
1,2-Dichloropropane	78-87-5	0.1		0	ND		0.00099	0.00012	ND		0.0009	0.00011	ND		0.00075	0.00009	ND		0.00087	0.00011	ND		0.00086	0.00011	ND		0.0015	0.00019
Methyl ethyl ketone	78-93-3	4		0	ND		0.0099	0.0022	ND		0.009	0.002	ND		0.0075	0.0017	ND		0.0087	0.0019	ND		0.0086	0.0019	ND		0.015	0.0034
1,1,2-Trichloroethane	79-00-5	0.1		0	ND		0.00099	0.00026	ND		0.0009	0.00024	ND		0.00075	0.0002	ND		0.00087	0.00023	ND		0.00086	0.00023	ND		0.0015	0.00041
Trichloroethene	79-01-6	0.3		0	ND		0.0005	0.00014	ND		0.00045	0.00012	ND		0.00038	0.0001	ND		0.00043	0.00012	ND		0.00043	0.00012	ND		0.00077	0.00021
1,1,2,2-Tetrachloroethane	79-34-5	0.005		0	ND		0.0005	0.00016	ND		0.00045	0.00015	ND		0.00038	0.00012	ND		0.00043	0.00014	ND		0.00043	0.00014	ND		0.00077	0.00026
1,2,3-Trichlorobenzene	87-61-6	NS		0	ND		0.002	0.00032	ND		0.0018	0.00029	ND		0.0015	0.00024	ND		0.0017	0.00028	ND		0.0017	0.00028	ND		0.0031	0.0005
Hexachlorobutadiene	87-68-3	30		0	ND		0.004	0.00017	ND		0.0036	0.00015	ND		0.003	0.00013	ND		0.0035	0.00015	ND		0.0034	0.00014	ND		0.0062	0.00026
Naphthalene	91-20-3	4	0.47	3.2	0.044		0.004	0.00064	ND		0.0036	0.00059	ND		0.003	0.00049	ND		0.0035	0.00056	ND		0.0034	0.00056	0.0016	J	0.0062	0.001
o-Xylene	95-47-6	100	0.27	0.27	ND		0.00099	0.00029	ND		0.0009	0.00026	ND		0.00075	0.00022	ND		0.00087	0.00025	ND		0.00086	0.00025	ND		0.0015	0.00045
o-Chlorotoluene	95-49-8	100		0	ND		0.002	0.00019	ND		0.0018	0.00017	ND		0.0015	0.00014	ND		0.0017	0.00016	ND		0.0017	0.00016	ND		0.0031	0.0003
1,2-Dichlorobenzene	95-50-1	9		0	ND		0.002	0.00014	ND		0.0018	0.00013	ND		0.0015	0.00011	ND		0.0017	0.00012	ND		0.0017	0.00012	ND		0.0031	0.00022
1,2,4-Trimethylbenzene	95-63-6	1000	19.60	34	ND		0.002	0.00033	ND		0.0018	0.0003	ND		0.0015	0.00025	ND		0.0017	0.00029	ND		0.0017	0.00028	ND		0.0031	0.00052
1,2-Dibromo-3-chloropropane	96-12-8	10		0	ND		0.003	0.00099	ND		0.0027	0.0009	ND		0.0022	0.00075	ND		0.0026	0.00087	ND		0.0026	0.00085	ND		0.0046	0.0015
1,2,3-Trichloropropane	96-18-4	100		0	ND		0.002	0.00012	ND		0.0018	0.00011	ND		0.0015	0.0001	ND		0.0017	0.00011	ND		0.0017	0.00011	ND		0.0031	0.0002
tert-Butylbenzene	98-06-6	100	0.27	0.47	ND		0.002	0.00012	ND		0.0018	0.00011	ND		0.0015	0.00009	ND		0.0017	0.0001	ND		0.0017	0.0001	ND		0.0031	0.00018
Isopropylbenzene	98-82-8	1000	1.92	3.4	ND		0.00099	0.00011	ND		0.0009	0.0001	ND		0.00075	0.00008	ND		0.00087	0.0001	ND		0.00086	0.00009	ND		0.0015	0.00017
Tertiary-Amyl Methyl Ether	994-05-8	NS		0	ND		0.002	0.00017	ND		0.0018	0.00016	ND		0.0015	0.00013	ND		0.0017	0.00015	ND		0.0017	0.00015	ND		0.0031	0.00027
p-Isopropyltoluene	99-87-6	100	1.83	4.7	ND		0.00099	0.00011	ND		0.0009	0.0001	ND		0.00075	0.00008	ND		0.00087	0.0001	ND		0.00086	0.00009	ND		0.0015	0.00017
SUM			5.57	83.09	0.04507	-	-	-	-	-	-	-	0.00016	-	-	-	-	-	-	-	-	-	-	-	0.00194	-	-	-
MCP SEMIVOLATILE ORGANICS																												
1,2,4,5-Tetrachlorobenzene	95-94-3	1000		0	ND		350	36	ND		170	18	ND		180	19	ND		190	20	ND		190	20	ND		180	18
1,2,4-Trichlorobenzene	120-82-1	2		0	ND		0.35	0.04	ND		0.17	0.02	ND		0.18	0.021	ND		0.19	0.022	ND		0.19	0.022	ND		0.18	0.02
1,2-Dichlorobenzene	95-50-1	9		0	ND		0.35	0.064	ND		0.17	0.031	ND		0.18	0.033	ND		0.19	0.034	ND		0.19	0.034	ND		0.18	0.032
1,3-Dichlorobenzene	541-73-1	3		0	ND		0.35	0.061	ND		0.17	0.03	ND		0.18	0.031	ND		0.19	0.033	ND		0.19	0.032	ND		0.18	0.03
1,4-Dichlorobenzene	106-46-7	0.7		0	ND		0.15	0.062	ND		0.073	0.03	ND		0.076	0.032	ND		0.08	0.033	ND		0.079	0.033	ND		0.074	0.031
2,4,5-Trichlorophenol	95-95-4	4		0	ND		0.35	0.068	ND		0.17	0.033	ND		0.18	0.035	ND		0.19	0.036	ND		0.19	0.036	ND		0.18	0.034
2,4,6-Trichlorophenol	88-06-2	0.7		0	ND		0.15	0.067	ND		0.073	0.033	ND		0.076	0.034	ND		0.08	0.036	ND		0.079	0.036	ND		0.074	0.033
2,4-Dichlorophenol	120-83-2	0.7		0	ND		0.15	0.057	ND		0.073	0.028	ND		0.076	0.029	ND		0.08	0.03	ND		0.079	0.03	ND		0.074	0.028
2,4-Dimethylphenol	105-67-9	0.7		0	ND		0.15	0.12	ND		0.073	0.058	ND		0.076	0.06	ND		0.08	0.062	ND		0.079	0.062	ND		0.074	0.058
2,4-Dinitrophenol	51-28-5	3		0	ND		1.7	0.16	ND		0.84	0.081	ND		0.87	0.085	ND		0.91	0.088	ND		0.9	0.088	ND		0.84	0.082
2,4-Dinitrotoluene	121-14-2	0.7	0.07	0.066	ND		0.15	0.071	ND		0.073	0.035	ND		0.076	0.036	ND		0.08	0.038	ND		0.079	0.038	ND		0.074	0.035
2,6-Dinitrotoluene	606-20-2	100		0	ND		0.35	0.061	ND		0.17	0.03	ND		0.18	0.031	ND		0.19	0.032	ND		0.19	0.032	ND		0.18	0.03
2-Chloronaphthalene	91-58-7	1000		0	ND		0.35	0.035	ND		0.17	0.017	ND		0.18	0.018	ND		0.19	0.019	ND		0.19	0.019	ND		0.18	0.017
2-Chlorophenol	95-57-8	0.7		0	ND		0.15	0.042	ND		0.073	0.021	ND		0.076	0.022	ND		0.08	0.022	ND		0.079	0.022	ND		0.074	0.021
2-Methylnaphthalene	91-57-6	0.7	0.48	2.6	0.32		0.15	0.043	ND		0.073	0.021	ND		0.076	0.022	ND		0.08	0.023	ND		0.079	0.023	0.085		0.074	0.021
2-Methylphenol	95-48-7	500		0	ND		0.35	0.055	ND		0.17	0.027	ND		0.18	0.028	ND		0.19	0.029	ND		0.19	0.029	ND		0.18	0.027
2-Nitrophenol	88-75-5	100		0	ND		0.77	0.13	ND		0.38	0.066	ND		0.39	0.068	ND		0.41	0.071	ND		0.4	0.071	ND		0.38	0.066
3,3'-Dichlorobenzidine	91-94-1	3		0	ND		0.35	0.094	ND		0.17	0.046	ND		0.18	0.048	ND		0.19	0.05	ND		0.19	0.05	ND		0.18	0.047
3-Methylphenol/4-Methylphenol	108-39-4/1	500	0.09	0.14	0.14	J	0.51	0.056	ND		0.25	0.027	ND		0.26	0.028	ND		0.27	0.03	ND		0.27	0.029	0.052	J	0.25	0.027
4,6-Dinitro-o-cresol	534-52-1	50		0	ND		0.9	0.17	ND		0.45	0.083	ND		0.47	0.087	ND		0.49	0.09	ND		0.49	0.091	ND		0.46	0.085
4-Bromophenyl phenyl ether	101-55-3	100		0	ND		0.35	0.054	ND		0.17	0.027	ND		0.18	0.028	ND		0.19	0.029	ND		0.19	0.029	ND		0.18	0.027
4-Chloroaniline	106-47-8	1		0	ND		0.35	0.064	ND		0.17	0.032	ND		0.18	0.033	ND		0.19	0.034	ND		0.19	0.034	ND		0.18	0.032
4-Chlorophenyl phenyl ether	7005-72-3	1000		0	ND		0.35	0.037	ND		0.17	0.018	ND		0.18	0.019	ND		0.19	0.02	ND		0.19	0.02	ND		0.18	0.019
4-Nitroaniline	100-01-6	1000		0	ND		0.35	0.14	ND		0.17	0.071	ND		0.18	0.075	ND		0.19	0.078	ND		0.19	0.079	ND		0.18	0.073
4-Nitrophenol	100-02-7	100		0	ND		0.5	0.14	ND		0.24	0.071	ND		0.25	0.074	ND		0.26	0.077	ND		0.26	0.077	ND		0.24	0.072
Acenaphthene	83-32-9	4	1.73	12	0.55		0.28	0.037	ND		0.14	0.018	ND		0.14	0.019	ND		0.15	0.02	ND		0.15	0.019	0.17		0.14	0.018
Acenaphthylene	208-96-8	1	0.72	3	1		0.28	0.055	ND		0.14	0.027	ND		0.14	0.028	ND		0.15	0.029	ND		0.15	0.029	0.62		0.14	0.027
Acetophenone	98-86-2	1000	0.06	0.063	0.063	J	0.35	0.044	ND		0.17	0.022	ND		0.18	0.022	ND		0.19	0.023	ND		0.19	0.023	ND		0.18	0.022
Aniline	62-53-3	1000		0	ND		0.42	0.17	ND		0.21	0.082	ND		0.22	0.086	ND		0.23	0.089	ND		0.22	0.089	ND		0.21	0.083
Anthracene	120-12-7	1000	5.61	43	2		0.21	0.069	ND		0.1	0.034	0.035	J	0.11	0.035	ND		0.11	0.037	ND		0.11	0.037	0.96		0.1	0.034
Azobenzene	103-33-3	NS		0	ND		0.35	0.034	ND		0.17	0.017	ND		0.18	0.017	ND		0.19	0.018	ND		0.19	0.018	ND		0.18	0.017
Benzidine	92-87-5	10		0	ND		1.1	0.38	ND		0.57	0.19	ND		0.6	0.2	ND		0.62	0.2	ND		0.63	0.21	ND		0.58	0.19
Benzo(a)anthracene	56-55-3	7	6.92	60	4.5		0.21	0.04	0.03	J	0.1	0.02	0.09	J	0.11	0.02	ND		0.11	0.021	ND		0.11	0.021	2.5		0.1	0.02
Benzo(a)pyrene	50-32-8	2	7.35	47	4.1		0.28	0.086	ND		0.14	0.043	0.072	J	0.14	0.044	ND		0.15	0.046	ND		0.15	0.046	2.4		0.14	0.043
Benzo(b)fluoranthene	205-99-2	7	7.71	58	5.1		0.21	0.06	0.034	J	0.1	0.029	0.092	J	0.11	0.031	ND		0.11	0.032	ND		0.11	0.032	2.9		0.1	0.03
Benzo(ghi)perylene	191-24-2	1000	3.51	23	2.7		0.28	0.042	ND		0.14	0.02	0.043	J	0.14	0.021	ND		0.15	0.022	ND		0.15	0.022	1.5		0.14	0.021
Benzo(k)fluoranthene	207-08-9	70	2.58	16	1.6		0.21	0.057	ND		0.1	0.028	ND		0.11	0.029	ND		0.11	0.03	ND		0.11	0.03	0.84		0.1	0.028
Benzoic Acid	65-85-0	1000		0	ND		1.1	0.35	ND		0.56	0.17	ND		0.58	0.18	ND		0.61	0.19	ND		0.62	0.19	ND		0.57	0.18
Bis(2-chloroethoxy)methane	111-91-1	500		0	ND		0.38	0.036	ND		0.19	0.018	ND		0.2	0.018	ND		0.2	0.019	ND		0.2	0.019	ND		0.19	0.018
Bis(2-chloroethyl)ether	111-44-4	0.7		0	ND		0.15	0.048	ND		0.073	0.024	ND		0.076	0.025	ND		0.08	0.026	ND		0.079	0.025	ND		0.074	0.024
Bis(2-chloroisopropyl)ether	108-60-1	0.7		0	ND		0.15	0.061	ND		0.073	0.03	ND		0.076	0.031	ND		0.08	0.032	ND		0.079	0.032	ND		0.074	0.03
Bis(2-ethylhexyl)phthalate	117-81-7	90	0.20	0.28	ND		0.35	0.12	ND		0.17	0.06	ND		0.18	0.063	ND		0.19	0.066	ND		0.19	0.065	ND		0.18	0.061
Butyl benzyl phthalate	85-68-7	100		0	ND		0.35	0.089	ND		0.17	0.044	ND		0.18	0.046	ND		0.19	0.048	ND		0.19	0.047	ND		0.18	0.044
Chrysene	218-01-9	70	6.14	48	4		0.21	0.037	0.025	J	0.1	0.018	0.08	J	0.11	0.019	ND		0.11	0.02	ND		0.11	0.02	2.2		0.1	0.018
Dibenzo(a,h)anthracene	53-70-3	0.7	0.95	5.9	0.54		0.15	0.041	ND		0.073	0.02	ND		0.076	0.021	ND		0.08	0.022	ND		0.079	0.022	0.37		0.074	0.02
Dibenzofuran	132-64-9	100	1.40	11	0.82		0.35	0.034	ND		0.17	0.016	ND		0.18	0.017	ND		0.19	0.018	ND		0.19	0.018	0.23		0.18	0.016
Diethyl phthalate	84-66-2	10		0	ND		0.35	0.033	ND		0.17	0.016	ND		0.18	0.017	ND		0.19	0.018	ND		0.19	0.017	ND		0.18	0.016
Dimethyl phthalate	131-11-3	0.7	0.18	0.18	ND		0.15	0.074	ND		0.073	0.037	ND		0.076	0.038	ND		0.08	0.04	ND		0.079	0.039	ND		0.074	0.037
Di-n-butylphthalate	84-74-2	50	0.05	0.053	ND		0.35	0.067	ND		0.17	0.033	ND		0.18	0.034	ND		0.19	0.036	ND		0.19	0.036	ND		0.18	0.033
Di-n-octylphthalate	117-84-0	1000		0	ND		0.35	0.12	ND		0.17	0.059	ND		0.18	0.062	ND		0.19	0.064	ND		0.19	0.064	ND		0.18	0.06
Fluoranthene	206-44-0	1000	14.79	120	10		0.21	0.041	0.067	J	0.1	0.02	0.18		0.11	0.021	ND		0.11	0.022	ND		0.11	0.022	4.9		0.1	0.02
Fluorene	86-73-7	1000	1.69	12	0.86		0.35	0.034	ND		0.17	0.017	ND		0.18	0.018	ND		0.19	0.018	ND		0.19	0.018	0.21		0.18	0.017
Hexachlorobenzene	118-74-1	0.7		0	ND		0.15	0.04	ND		0.073	0.02	ND		0.076	0.02	ND		0.08	0.021	ND		0.079	0.021	ND		0.074	0.02
Hexachlorobutadiene	87-68-3	30		0	ND		0.35	0.052	ND		0.17	0.026	ND		0.18	0.027	ND		0.19	0.028	ND		0.19	0.028	ND		0.18	0.026
Hexachlorocyclopentadiene	77-47-4	50		0	ND		0.99	0.32	ND		0.49	0.16	ND		0.52	0.16	ND		0.54	0.17	ND		0.54	0.17	ND		0.51	0.16
Hexachloroethane	67-72-1	0.7		0	ND		0.15	0.057	ND		0.073	0.028	ND		0.076	0.029	ND		0.08	0.031	ND		0.079	0.03	ND		0.074	0.028
Indeno(1,2,3-cd)pyrene	193-39-5	7	4.01	25	2.6		0.28	0.049	ND		0.14	0.024	0.046	J	0.14	0.025	ND		0.15	0.026	ND		0.15	0.026	1.6		0.14	0.024
Isophorone	78-59-1	100		0	ND		0.32	0.046	ND		0.16	0.023	ND		0.16	0.024	ND		0.17	0.025	ND		0.17	0.024	ND		0.16	0.023
Naphthalene	91-20-3	4	0.58	2.6	0.56		0.35	0.043	ND		0.17	0.021	ND		0.18	0.022	ND		0.19	0.023	ND		0.19	0.023	0.27		0.18	0.021
NDPA/DPA	86-30-6	100		0	ND		0.28	0.04	ND		0.14	0.02	ND		0.14	0.02	ND		0.15	0.021	ND		0.15	0.022	ND		0.14	0.02
Nitrobenzene	98-95-3	500		0	ND		0.32	0.052	ND		0.16	0.026	ND		0.16	0.027	ND		0.17	0.028	ND		0.17	0.028	ND		0.16	0.026
n-Nitrosodimethylamine	62-75-9	50		0	ND		0.7	0.067	ND		0.34	0.033	ND		0.36	0.035	ND		0.38	0.036	ND		0.38	0.036	ND		0.35	0.034
n-Nitrosodi-n-propylamine	621-64-7	50		0	ND		0.35	0.054	ND		0.17	0.027	ND		0.18	0.028	ND		0.19	0.029	ND		0.19	0.029	ND		0.18	0.027
p-Chloro-m-cresol	59-50-7	1000		0	ND		0.35	0.052	ND		0.17	0.026	ND		0.18	0.027	ND		0.19	0.028	ND		0.19	0.028	ND		0.18	0.026
Pentachloronitrobenzene	82-68-8	100		0	ND		350	59	ND		170	29	ND		180	31	ND		190	32	ND		190	32	ND		180	30
Pentachlorophenol	87-86-5	3		0	ND		0.71	0.078	ND		0.35	0.038	ND		0.36	0.04	ND		0.38	0.042	ND		0.38	0.041	ND		0.35	0.038
Phenanthrene	85-01-8	10	12.24	110	9.4		0.21	0.043	0.06	J	0.1	0.021	0.14		0.11	0.022	ND		0.11	0.023	ND		0.11	0.023	3.6		0.1	0.021
Phenol	108-95-2	1	0.05	0.076	ND		0.35	0.054	ND		0.17	0.026	ND		0.18	0.027	ND		0.19	0.029	ND		0.19	0.028	0.032	J	0.18	0.026
Pyrene	129-00-0	1000	12.71	100	9.4		0.21	0.035	0.058	J	0.1	0.017	0.15		0.11	0.018	ND		0.11	0.019	ND		0.11	0.019	4.3		0.1	0.017
Pyridine	110-86-1	500		0	ND		0.38	0.13	ND		0.19	0.066	ND		0.19	0.069	ND		0.2	0.072	ND		0.2	0.072	ND		0.19	0.067
Total SVOCs			53.91	699.1	60.253	-	-	-	0.274	-	-	-	0.928	-	-	-	0	-	-	-	0	-	-	-	29.739	-	-	-

Table 2 -
FSL Soil Results
372 Cambridge Street, Boston MA

	SAMPLE ID:		372 Cambridge Street Average Concentration	372 Cambridge Street Max Concentration	FSL-4 5'-10'				FSL-4 10'-15'				FSL-5 0'-5'				FSL-5 5'-10'				FSL-5 10'-15'				FSL-6 0'-5'			
	LAB ID:				L2041088-13				L2041088-14				L2041088-15				L2041088-16				L2041088-17				L2041088-18			
	COLLECTION DATE				9/28/2020				9/28/2020				9/28/2020				9/28/2020				9/28/2020				9/28/2020			
	RCS-1-14																											
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
MCP POLYCHLORINATED BIPHENYLS																												
Aroclor 1016	12674-11-	1		0	ND		0.0344	0.0344	ND		0.0341	0.0341	ND		0.0356	0.0356	ND		0.038	0.038	ND		0.0377	0.0377	ND		0.0345	0.0345
Aroclor 1221	11104-28-	1		0	ND		0.0344	0.0344	ND		0.0341	0.0341	ND		0.0356	0.0356	ND		0.038	0.038	ND		0.0377	0.0377	ND		0.0345	0.0345
Aroclor 1232	11141-16-	1		0	ND		0.0344	0.0344	ND		0.0341	0.0341	ND		0.0356	0.0356	ND		0.038	0.038	ND		0.0377	0.0377	ND		0.0345	0.0345
Aroclor 1242	53469-21-	1		0	ND		0.0344	0.0344	ND		0.0341	0.0341	ND		0.0356	0.0356	ND		0.038	0.038	ND		0.0377	0.0377	ND		0.0345	0.0345
Aroclor 1248	12672-29-	1		0	ND		0.0344	0.0344	ND		0.0341	0.0341	ND		0.0356	0.0356	ND		0.038	0.038	ND		0.0377	0.0377	ND		0.0345	0.0345
Aroclor 1254	11097-69-	1	0.04	0.0397	ND		0.0344	0.0344	ND		0.0341	0.0341	ND		0.0356	0.0356	ND		0.038	0.038	ND		0.0377	0.0377	ND		0.0345	0.0345
Aroclor 1260	11096-82-	1	0.07	0.088	ND		0.0344	0.0344	ND		0.0341	0.0341	ND		0.0356	0.0356	ND		0.038	0.038	ND		0.0377	0.0377	ND		0.0345	0.0345
Aroclor 1262	37324-23-	1		0	ND		0.0344	0.0344	ND		0.0341	0.0341	ND		0.0356	0.0356	ND		0.038	0.038	ND		0.0377	0.0377	ND		0.0345	0.0345
Aroclor 1268	11100-14-	1		0	ND		0.0344	0.0344	ND		0.0341	0.0341	ND		0.0356	0.0356	ND		0.038	0.038	ND		0.0377	0.0377	ND		0.0345	0.0345
PCBs, Total	1336-36-3	1	0.09	0.088	ND		0.0344	0.0344	ND		0.0341	0.0341	ND		0.0356	0.0356	ND		0.038	0.038	ND		0.0377	0.0377	ND		0.0345	0.0345
PETROLEUM HYDROCARBON QUANTITATION																												
TPH (C10-C36)	NONE	1000	595.55	3150	834		69.8	8.03	ND		34.6	3.98	43.6		35.4	4.07	ND		36.9	4.24	ND		36.9	4.25	392		67.7	7.79
MCP TOTAL METALS																												
Antimony, Total	7440-36-0	20	1.76	4.79	ND		2.11	0.16	ND		2.07	0.157	ND		2.1	0.16	ND		2.21	0.168	ND		2.29	0.174	ND		2.08	0.158
Arsenic, Total	7440-38-2	20	5.54	16.2	4.37		0.421	0.088	5.45		0.414	0.086	4.16		0.421	0.088	4.37		0.442	0.092	3.61		0.458	0.095	8.13		0.417	0.087
Barium, Total	7440-39-3	1000	53.56	398	34.3		0.421	0.073	43.8		0.414	0.072	12.5		0.421	0.073	29.3		0.442	0.077	16.9		0.458	0.08	48.7		0.417	0.073
Beryllium, Total	7440-41-7	90	0.22	0.546	0.131	J	0.211	0.014	0.29		0.207	0.014	0.194	J	0.21	0.014	0.269		0.221	0.015	0.178	J	0.229	0.015	0.179	J	0.208	0.014
Cadmium, Total	7440-43-9	70	0.83	3.88	0.864		0.421	0.041	0.555		0.414	0.041	0.395	J	0.421	0.041	0.433	J	0.442	0.043	0.348	J	0.458	0.045	0.846		0.417	0.041
Chromium, Total	7440-47-3	100	14.88	37.8	15.8		0.421	0.04	11.1		0.414	0.04	10.5		0.421	0.04	18.2		0.442	0.042	13		0.458	0.044	15.9		0.417	0.04
Lead, Total	7439-92-1	200	143.67	1640	162		2.11	0.113	9.3		2.07	0.111	9.49		2.1	0.113	5.29		2.21	0.118	4.29		2.29	0.123	48.3		2.08	0.112
Mercury, Total	7439-97-6	20	1.44	10.9	ND		0.072	0.072	ND		0.071	0.071	ND		0.076	0.076	ND		0.078	0.078	ND		0.079	0.079	0.095		0.074	0.074
Nickel, Total	7440-02-0	600	12.33	26.6	9.05		1.05	0.102	11.9		1.04	0.1	12.4		1.05	0.102	12.1		1.1	0.107	8.6		1.14	0.111	14.4		1.04	0.101
Selenium, Total	7782-49-2	400	0.40	1.81	0.333	J	2.11	0.109	0.426	J	2.07	0.107	0.362	J	2.1	0.108	0.203	J	2.21	0.114	0.22	J	2.29	0.118	0.546	J	2.08	0.108
Silver, Total	7440-22-4	100	1.18	1.18	ND		0.421	0.119	ND		0.414	0.117	ND		0.421	0.119	ND		0.442	0.125	ND		0.458	0.129	ND		0.417	0.118
Thallium, Total	7440-28-0	8	0.42	0.807	0.198	J	2.11	0.133	0.501	J	2.07	0.13	0.282	J	2.1	0.132	ND		2.21	0.139	ND		2.29	0.144	0.35	J	2.08	0.131
Vanadium, Total	7440-62-2	400	22.70	51	16.8		0.421	0.086	25.7		0.414	0.084	25.2		0.421	0.085	27.2		0.442	0.09	21.1		0.458	0.093	22		0.417	0.085
Zinc, Total	7440-66-6	1000	125.26	1580	106		2.11	0.123	38.3		2.07	0.121	25.9		2.1	0.123	32		2.21	0.129	24.2		2.29	0.134	63.9		2.08	0.122
TCLP (mg/L)																												
Lead		5	9.84	35.8	1.44		0.5	0.027	NT	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-
Mercury, Total		0.2		0	-	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-
GENERAL CHEMISTRY																												
pH (H)	12408-02-		8.13	11	8.2		0	NA	8.3		0	NA	7.4		0	NA	7.6		0	NA	6.8		0	NA	8.6		0	NA
Cyanide, Reactive	57-12-5			0	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10
Solids, Total	NONE		91.07	95.7	93		0.1	NA	94.4		0.1	NA	90.8		0.1	NA	87.2		0.1	NA	86.8		0.1	NA	92.6		0.1	NA
Specific Conductance @ 25 C	NONE		58.66	340	70		10	10	34		10	10	30		10	10	41		10	10	24		10	10	77		10	10
Sulfide, Reactive	NONE			0	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10
IGNITABILITY OF SOLIDS																												
Ignitability	NONE			0	NI		0	NA	NI		0	NA	NI		0	NA	NI		0	NA	NI		0	NA	NI		0	NA
MCP GENERAL CHEMISTRY																												
Cyanide, Total	57-12-5	30	1.20	1.2	ND		1	1	ND		1	1	ND		1	1	ND		1.1	1.1	ND		1	1	ND		1	1

* Comparison is not performed on parameters with non-numeric criteria.
J - Concentration of analyte is below the Method RL, estimated value
U - Not detected at the reported detection limit for the sample.

RCS-1-14: MCP 2014 RCS-1 Reportable Concentrations Criteria effective April 25, 2014.
NS - No Standard
NI - Not Ignitable
ND - Not Detected
NC - No DFAC Value
NA - Not Analyzed/Not Applicable
Analytes detected at levels above RCS-1
Analytes Detected above Winchendon Acceptance Values
Analyte Laboratory Reporting Limits above RCS-1 Values

Table 2 -
FSL Soil Results
372 Cambridge Street, Boston MA

	SAMPLE ID:		372 Cambridge Street Average Concentration	372 Cambridge Street Max Concentration	FSL-6 5'-10'				FSL-6 10'-15'				FSL-7 0'-5'				FSL-7 5'-10'				FSL-7 10'-15'				FSL-7 15'-20'			
	LAB ID:				L2041088-19				L2041088-20				L2041265-01				L2041265-02				L2041265-03				L2041265-04			
	COLLECTION DATE:				9/28/2020				9/28/2020				9/29/2020				9/29/2020				9/29/2020				9/29/2020			
		RCS-1-14																										
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
FIELD SCREENING																												
TVOCs					0.1				0				0				0				0				0			
MCP VOLATILE ORGANICS BY EPA 5035																												
Ethylbenzene	100-41-4	40	0.23	0.45	ND		0.00091	0.00013	ND		0.001	0.00015	ND		0.00084	0.00012	ND		0.0013	0.00018	ND		0.0012	0.00017	0.45	J	0.48	0.068
Styrene	100-42-5	3		0	ND		0.00091	0.00018	ND		0.001	0.0002	ND		0.00084	0.00016	ND		0.0013	0.00025	ND		0.0012	0.00023	ND		0.48	0.094
cis-1,3-Dichloropropene	10061-01-	0.01		0	ND		0.00046	0.00014	ND		0.00052	0.00016	ND		0.00042	0.00013	ND		0.00064	0.0002	ND		0.0006	0.00019	ND		0.24	0.076
trans-1,3-Dichloropropene	10061-02-	0.01		0	ND		0.00091	0.00025	ND		0.001	0.00028	ND		0.00084	0.00023	ND		0.0013	0.00035	ND		0.0012	0.00032	ND		0.48	0.13
n-Propylbenzene	103-65-1	100	2.65	4.6	ND		0.00091	0.00016	ND		0.001	0.00018	ND		0.00084	0.00014	ND		0.0013	0.00022	ND		0.0012	0.0002	4.6		0.48	0.082
n-Butylbenzene	104-51-8	NS	1.66	2.9	ND		0.00091	0.00015	ND		0.001	0.00017	ND		0.00084	0.00014	ND		0.0013	0.00021	ND		0.0012	0.0002	2.9		0.48	0.08
p-Chlorotoluene	106-43-4	10		0	ND		0.0018	0.0001	ND		0.0021	0.00011	ND		0.0017	0.00009	ND		0.0025	0.00014	ND		0.0024	0.00013	ND		0.96	0.052
1,4-Dichlorobenzene	106-46-7	0.7		0	ND		0.0018	0.00016	ND		0.0021	0.00018	ND		0.0017	0.00014	ND		0.0025	0.00022	ND		0.0024	0.0002	ND		0.96	0.082
1,2-Dibromoethane	106-93-4	0.1		0	ND		0.00091	0.00025	ND		0.001	0.00029	ND		0.00084	0.00024	ND		0.0013	0.00036	ND		0.0012	0.00033	ND		0.48	0.13
1,2-Dichloroethane	107-06-2	0.1		0	ND		0.00091	0.00023	ND		0.001	0.00027	ND		0.00084	0.00022	ND		0.0013	0.00033	ND		0.0012	0.00031	ND		0.48	0.12
Acrylonitrile	107-13-1	100		0	ND		0.0036	0.001	ND		0.0042	0.0012	ND		0.0034	0.00097	ND		0.0051	0.0015	ND		0.0048	0.0014	ND		1.9	0.55
Methyl isobutyl ketone	108-10-1	0.4		0	ND		0.0091	0.0012	ND		0.01	0.0013	ND		0.0084	0.0011	ND		0.013	0.0016	ND		0.012	0.0015	ND		4.8	0.61
Diisopropyl Ether	108-20-3	100		0	ND		0.0018	0.00019	ND		0.0021	0.00022	ND		0.0017	0.00018	ND		0.0025	0.00027	ND		0.0024	0.00025	ND		0.96	0.1
1,3,5-Trimethylbenzene	108-67-8	10	4.88	17	ND		0.0018	0.00018	ND		0.0021	0.0002	ND		0.0017	0.00016	ND		0.0025	0.00024	ND		0.0024	0.00023	17		0.96	0.092
Bromobenzene	108-86-1	100		0	ND		0.0018	0.00013	ND		0.0021	0.00015	ND		0.0017	0.00012	ND		0.0025	0.00018	ND		0.0024	0.00017	ND		0.96	0.069
Toluene	108-88-3	30	0.00	0.0007	ND		0.00091	0.00049	ND		0.001	0.00056	ND		0.00084	0.00046	ND		0.0013	0.00069	ND		0.0012	0.00065	ND		0.48	0.26
Chlorobenzene	108-90-7	1		0	ND		0.00046	0.00012	ND		0.00052	0.00013	ND		0.00042	0.00011	ND		0.00064	0.00016	ND		0.0006	0.00015	ND		0.24	0.061
Tetrahydrofuran	109-99-9	500		0	ND		0.0036	0.0014	ND		0.0042	0.0016	ND		0.0034	0.0013	ND		0.0051	0.002	ND		0.0048	0.0019	ND		1.9	0.76
1,2,4-Trichlorobenzene	120-82-1	2		0	ND		0.0018	0.00025	ND		0.0021	0.00028	ND		0.0017	0.00023	ND		0.0025	0.00035	ND		0.0024	0.00032	ND		0.96	0.13
1,4-Dioxane	123-91-1	0.2		0	ND		0.073	0.032	ND		0.083	0.036	ND		0.068	0.03	ND		0.1	0.045	ND		0.095	0.042	ND		38	17
Dibromochloromethane	124-48-1	0.005		0	ND		0.00091	0.00013	ND		0.001	0.00014	ND		0.00084	0.00012	ND		0.0013	0.00018	ND		0.0012	0.00017	ND		0.48	0.067
Tetrachloroethene	127-18-4	1	0.00	0.0024	0.00038	J	0.00046	0.00018	ND		0.00052	0.0002	0.00032	J	0.00042	0.00016	0.001		0.00064	0.00025	ND		0.0006	0.00023	ND		0.24	0.094
sec-Butylbenzene	135-98-8	NS	1.51	2.6	ND		0.00091	0.00013	ND		0.001	0.00015	ND		0.00084	0.00012	ND		0.0013	0.00018	ND		0.0012	0.00017	2.6		0.48	0.07
1,3-Dichloropropane	142-28-9	500		0	ND		0.0018	0.00015	ND		0.0021	0.00017	ND		0.0017	0.00014	ND		0.0025	0.00021	ND		0.0024	0.0002	ND		0.96	0.08
cis-1,2-Dichloroethene	156-59-2	0.1		0	ND		0.00091	0.00016	ND		0.001	0.00018	ND		0.00084	0.00015	ND		0.0013	0.00022	ND		0.0012	0.00021	ND		0.48	0.084
trans-1,2-Dichloroethene	156-60-5	1		0	ND		0.0014	0.00012	ND		0.0016	0.00014	ND		0.0013	0.00012	ND		0.0019	0.00017	ND		0.0018	0.00016	ND		0.72	0.066
Methyl tert butyl ether	1634-04-4	0.1		0	ND		0.0018	0.00018	ND		0.0021	0.00021	ND		0.0017	0.00017	ND		0.0025	0.00026	ND		0.0024	0.00024	ND		0.96	0.096
p/m-Xylene	179601-23	100	2.44	4.6	ND		0.0018	0.00051	ND		0.0021	0.00058	ND		0.0017	0.00047	ND		0.0025	0.00071	ND		0.0024	0.00067	4.6		0.96	0.27
1,3-Dichlorobenzene	541-73-1	3		0	ND		0.0018	0.00013	ND		0.0021	0.00015	ND		0.0017	0.00012	ND		0.0025	0.00019	ND		0.0024	0.00018	ND		0.96	0.071
1,3-Dichloropropene, Total	542-75-6	0.01		0	ND		0.00046	0.00014	ND		0.00052	0.00016	ND		0.00042	0.00013	ND		0.00064	0.0002	ND		0.0006	0.00019	ND		0.24	0.076
Carbon tetrachloride	56-23-5	5		0	ND		0.00091	0.00021	ND		0.001	0.00024	ND		0.00084	0.00019	ND		0.0013	0.00029	ND		0.0012	0.00027	ND		0.48	0.11
1,1-Dichloropropene	563-58-6	0.1		0	ND		0.00046	0.00014	ND		0.00052	0.00016	ND		0.00042	0.00013	ND		0.00064	0.0002	ND		0.0006	0.00019	ND		0.24	0.076
2-Hexanone	591-78-6	100		0	ND		0.0091	0.0011	ND		0.01	0.0012	ND		0.0084	0.001	ND		0.013	0.0015	ND		0.012	0.0014	ND		4.8	0.56
2,2-Dichloropropane	594-20-7	0.1		0	ND		0.0018	0.00018	ND		0.0021	0.00021	ND		0.0017	0.00017	ND		0.0025	0.00026	ND		0.0024	0.00024	ND		0.96	0.097
Diethyl ether	60-29-7	100		0	ND		0.0018	0.00031	ND		0.0021	0.00035	ND		0.0017	0.00029	ND		0.0025	0.00043	ND		0.0024	0.00041	ND		0.96	0.16
1,1,1,2-Tetrachloroethane	630-20-6	0.1		0	ND		0.00046	0.00012	ND		0.00052	0.00014	ND		0.00042	0.00011	ND		0.00064	0.00017	ND		0.0006	0.00016	ND		0.24	0.063
Ethyl-Tert-Butyl-Ether	637-92-3	NS		0	ND		0.0018	0.00012	ND		0.0021	0.00013	ND		0.0017	0.00011	ND		0.0025	0.00016	ND		0.0024	0.00015	ND		0.96	0.061
Acetone	67-64-1	6		0	ND		0.023	0.0091	ND		0.026	0.01	ND		0.021	0.0084	ND		0.032	0.013	ND		0.03	0.012	ND		4.8	2.3
Chloroform	67-66-3	0.2		0	ND		0.0014	0.00013	ND		0.0016	0.00014	ND		0.0013	0.00012	ND		0.0019	0.00018	ND		0.0018	0.00017	ND		0.72	0.067
Benzene	71-43-2	2	0.00	0.0037	ND		0.00046	0.00015	ND		0.00052	0.00017	ND		0.00042	0.00014	ND		0.00064	0.00021	ND		0.0006	0.0002	ND		0.24	0.08
1,1,1-Trichloroethane	71-55-6	30		0	ND		0.00046	0.00015	ND		0.00052	0.00017	ND		0.00042	0.00014	ND		0.00064	0.00021	ND		0.0006	0.0002	ND		0.24	0.08
Bromomethane	74-83-9	0.5	0.00	0.0012	ND		0.0018	0.00053	ND		0.0021	0.0006	ND		0.0017	0.00049	ND		0.0025	0.00074	ND		0.0024	0.00069	ND		0.96	0.28
Chloromethane	74-87-3	100		0	ND		0.0036	0.00085	ND		0.0042	0.00097	ND		0.0034	0.00079	ND		0.0051	0.0012	ND		0.0048	0.0011	ND		1.9	0.45
Dibromomethane	74-95-3	500		0	ND		0.0018	0.00022	ND		0.0021	0.00025	ND		0.0017	0.0002	ND		0.0025	0.0003	ND		0.0024	0.00028	ND		0.96	0.11
Bromochloromethane	74-97-5	NS		0	ND		0.0018	0.00019	ND		0.0021	0.00021	ND		0.0017	0.00017	ND		0.0025	0.00026	ND		0.0024	0.00024	ND		0.96	0.098
Chloroethane	75-00-3	100		0	ND		0.0018	0.00041	ND		0.0021	0.00047	ND		0.0017	0.00038	ND		0.0025	0.00058	ND		0.0024	0.00054	ND		0.96	0.22
Vinyl chloride	75-01-4	0.7		0	ND		0.00091	0.0003	ND		0.001	0.00035	ND		0.00084	0.00028	ND		0.0013	0.00043	ND		0.0012	0.0004	ND		0.48	0.16
Methylene chloride	75-09-2	0.1		0	ND		0.0046	0.0021	ND		0.0052	0.0024	ND		0.0042	0.0019	ND		0.0064	0.0029	ND		0.006	0.0027	ND		2.4	1.1
Carbon disulfide	75-15-0	100		0	ND		0.0091	0.001	ND		0.01	0.0011	ND		0.0084	0.00093	ND		0.013	0.0014	ND		0.012	0.0013	ND		4.8	0.53
Bromoform	75-25-2	0.1		0	ND		0.0036	0.00022	ND		0.0042	0.00026	ND		0.0034	0.00021	ND		0.0051	0.00031	ND		0.0048	0.00029	ND		1.9	0.12
Bromodichloromethane	75-27-4	0.1		0	ND		0.00046	0.0001	ND		0.00052	0.00011	ND		0.00042	0.00009	ND		0.00064	0.00014	ND		0.0006	0.00013	ND		0.24	0.052
1,1-Dichloroethane	75-34-3	0.4		0	ND		0.00091	0.00013	ND		0.001	0.00015	ND		0.00084	0.00012	ND		0.0013	0.00018	ND		0.0012	0.00017	ND		0.48	0.069
1,1-Dichloroethene	75-35-4	3		0	ND		0.00091	0.00022	ND		0.001	0.00025	ND		0.00084	0.0002	ND		0.0013	0.0003	ND		0.0012	0.00028	ND		0.48	0.11
Trichlorofluoromethane	75-69-4	1000		0	ND		0.0036	0.00063	ND		0.0042	0.00072	ND		0.0034	0.00059	ND		0.0051	0.00088	ND		0.0048	0.00083	ND		1.9	0.33
Dichlorodifluoromethane	75-71-8	1000		0	ND		0.0091	0.00083	ND		0.01	0.00095	ND		0.0084	0.00077	ND		0.013	0.0012	ND		0.012	0.0011	ND		4.8	0.44
1,2-Dichloropropane	78-87-5	0.1		0	ND		0.00091	0.00011	ND		0.001	0.00013	ND		0.00084	0.0001	ND		0.0013	0.00016	ND		0.0012	0.00015	ND		0.48	0.06
Methyl ethyl ketone	78-93-3	4		0	ND		0.0091	0.002	ND		0.01	0.0023	ND		0.0084	0.0019	ND		0.013	0.0028	ND		0.012	0.0026	ND		4.8	1.1
1,1,2-Trichloroethane	79-00-5	0.1		0	ND		0.00091	0.00024	ND		0.001	0.00028	ND		0.00084	0.00022	ND		0.0013	0.00034	ND		0.0012	0.00032	ND		0.48	0.13
Trichloroethene	79-01-6	0.3		0	ND		0.00046	0.00012	ND		0.00052	0.00014	ND		0.00042	0.00012	ND		0.00064	0.00017	ND		0.0006	0.00016	ND		0.24	0.066
1,1,2,2-Tetrachloroethane	79-34-5	0.005		0	ND		0.00046	0.00015	ND		0.00052	0.00017	ND		0.00042	0.00014	ND		0.00064	0.00021	ND		0.0006	0.0002	ND		0.24	0.08
1,2,3-Trichlorobenzene	87-61-6	NS		0	ND		0.0018	0.00029	ND		0.0021	0.00033	ND		0.0017	0.00027	ND		0.0025	0.00041	ND		0.0024	0.00038	ND		0.96	0.15
Hexachlorobutadiene	87-68-3	30		0	ND		0.0036	0.00015	ND		0.0042	0.00018	ND		0.0034	0.00014	ND		0.0051	0.00022	ND		0.0048	0.0002	ND		1.9	0.081
Naphthalene	91-20-3	4	0.47	3.2	ND		0.0036	0.00059	ND		0.0042	0.00068	0.0011	J	0.0034	0.00055	0.002	J	0.0051	0.00083	ND		0.0048	0.00077	3.2		1.9	0.31
o-Xylene	95-47-6	100	0.27	0.27	ND		0.00091	0.00026	ND		0.001	0.0003	ND		0.00084	0.00024	ND		0.0013	0.00037	ND		0.0012	0.00035	0.27	J	0.48	0.14
o-Chlorotoluene	95-49-8	100		0	ND		0.0018	0.00017	ND		0.0021	0.0002	ND		0.0017	0.00016	ND		0.0025	0.00024	ND		0.0024	0.00023	ND		0.96	0.091
1,2-Dichlorobenzene	95-50-1	9		0	ND		0.0018	0.00013	ND		0.0021	0.00015	ND		0.0017	0.00012	ND		0.0025	0.00018	ND		0.0024	0.00017	ND		0.96	0.069
1,2,4-Trimethylbenzene	95-63-6	1000	19.60	34	ND		0.0018	0.0003	ND		0.0021	0.00035	ND		0.0017	0.00028	ND		0.0025	0.00042	ND		0.0024	0.0004	34		0.96	0.16
1,2-Dibromo-3-chloropropane	96-12-8	10		0	ND		0.0027	0.00091	ND		0.0031	0.001	ND		0.0025	0.00084	ND		0.0038	0.0013	ND		0.0036	0.0012	ND		1.4	0.48
1,2,3-Trichloropropane	96-18-4	100		0	ND		0.0018	0.00012	ND		0.0021	0.00013	ND		0.0017	0.00011	ND		0.0025	0.00016	ND		0.0024	0.00015	ND		0.96	0.061
tert-Butylbenzene	98-06-6	100	0.27	0.47	ND		0.0018	0.00011	ND		0.0021	0.00012	ND		0.0017	0.0001	ND		0.0025	0.00015	ND		0.0024	0.00014	0.47	J	0.96	0.056
Isopropylbenzene	98-82-8	1000	1.92	3.4	ND		0.00091	0.0001	ND		0.001	0.00011	ND		0.00084	0.00009	ND		0.0013	0.00014	ND		0.0012	0.00013	3.4		0.48	0.052
Tertiary-Amyl Methyl Ether	994-05-8	NS		0	ND		0.0018	0.00016	ND		0.0021	0.00018	ND		0.0017	0.00015	ND		0.0025	0.00022	ND		0.0024	0.00021	ND		0.96	0.084
p-Isopropyltoluene	99-87-6	100	1.83	4.7	ND		0.00091	0.0001	ND		0.001	0.00011	ND		0.00084	0.00009	ND		0.0013	0.00014	ND		0.0012	0.00013	4.7		0.48	0.052
SUM			5.57	83.09	0.00038	-	-	-	-	-	-	-	0.00142	-	-	-	0.003	-	-	-	-	-	-	-	83.09	-	-	-
MCP SEMIVOLATILE ORGANICS																												
1,2,4,5-Tetrachlorobenzene	95-94-3	1000		0	ND		170	18	ND		180	18	ND		180	19	ND		180	19	ND		180	18	ND		190	20
1,2,4-Trichlorobenzene	120-82-1	2		0	ND		0.17	0.02	ND		0.18	0.02	ND		7.4	0.85	ND		0.36	0.042	ND		0.18	0.02	ND		0.19	0.022
1,2-Dichlorobenzene	95-50-1	9		0	ND		0.17	0.031	ND		0.18	0.032	ND		7.4	1.3	ND		0.36	0.065	ND		0.18	0.032	ND		0.19	0.035
1,3-Dichlorobenzene	541-73-1	3		0	ND		0.17	0.03	ND		0.18	0.03	ND		7.4	1.3	ND		0.36	0.062	ND		0.18	0.031	ND		0.19	0.033
1,4-Dichlorobenzene	106-46-7	0.7		0	ND		0.073	0.03	ND		0.074	0.031	ND		3.1	1.3	ND		0.15	0.063	ND		0.075	0.031	ND		0.081	0.034
2,4,5-Trichlorophenol	95-95-4	4		0	ND		0.17	0.033	ND		0.18	0.034	ND		7.4	1.4	ND		0.36	0.07	ND		0.18	0.034	ND		0.19	0.037
2,4,6-Trichlorophenol	88-06-2	0.7		0	ND		0.073	0.033	ND		0.074	0.033	ND		3.1	1.4	ND		0.15	0.069	ND		0.075	0.034	ND		0.081	0.037
2,4-Dichlorophenol	120-83-2	0.7		0	ND		0.073	0.028	ND		0.074	0.028	ND		3.1	1.2	ND		0.15	0.058	ND		0.075	0.029	ND		0.081	0.031
2,4-Dimethylphenol	105-67-9	0.7		0	ND		0.073	0.057	ND		0.074	0.058	ND		3.1	2.4	ND		0.15	0.12	ND		0.075	0.059	ND		0.081	0.064
2,4-Dinitrophenol	51-28-5	3		0	ND		0.83	0.081	ND		0.84	0.082	ND		36	3.5	ND		1.7	0.17	ND		0.86	0.083	ND		0.93	0.09
2,4-Dinitrotoluene	121-14-2	0.7	0.07	0.066	ND		0.073	0.035	ND		0.074	0.035	ND		3.1	1.5	ND		0.15	0.073	ND		0.075	0.036	ND		0.081	0.039
2,6-Dinitrotoluene	606-20-2	100		0	ND		0.17	0.03	ND		0.18	0.03	ND		7.4	1.3	ND		0.36	0.062	ND		0.18	0.031	ND		0.19	0.033
2-Chloronaphthalene	91-58-7	1000		0	ND		0.17	0.017	ND		0.18	0.017	ND		7.4	0.74	ND		0.36	0.036	ND		0.18	0.018	ND		0.19	0.019
2-Chlorophenol	95-57-8	0.7		0	ND		0.073	0.02	ND		0.074	0.021	ND		3.1	0.88	ND		0.15	0.043	ND		0.075	0.021	ND		0.081	0.023
2-Methylnaphthalene	91-57-6	0.7	0.48	2.6	ND		0.073	0.021	ND		0.074	0.021	2.6	J	3.1	0.9	0.27		0.15	0.044	ND		0.075	0.022	0.42		0.081	0.023
2-Methylphenol	95-48-7	500		0	ND		0.17	0.027	ND		0.18	0.027	ND		7.4	1.2	ND		0.36	0.056	ND		0.18	0.028	ND		0.19	0.03
2-Nitrophenol	88-75-5	100		0	ND		0.37	0.065	ND		0.38	0.066	ND		16	2.8	ND		0.78	0.14	ND		0.39	0.067	ND		0.42	0.073
3,3'-Dichlorobenzidine	91-94-1	3		0	ND		0.17	0.046	ND		0.18	0.047	ND		7.4	2	ND		0.36	0.096	ND		0.18	0.048	ND		0.19	0.051
3-Methylphenol/4-Methylphenol	108-39-4/1	500	0.09	0.14	ND		0.25	0.027	ND		0.25	0.028	ND		11	1.2	ND		0.52	0.057	ND		0.26	0.028	ND		0.28	0.03
4,6-Dinitro-o-cresol	534-52-1	50		0	ND		0.45	0.082	ND		0.46	0.085	ND		0.48	0.088	ND		0.47	0.088	ND		0.46	0.085	ND		0.5	0.093
4-Bromophenyl phenyl ether	101-55-3	100		0	ND		0.17	0.026	ND		0.18	0.027	ND		7.4	1.1	ND		0.36	0.055	ND		0.18	0.027	ND		0.19	0.03
4-Chloroaniline	106-47-8	1		0	ND		0.17	0.032	ND		0.18	0.032	ND		7.4	1.4	ND		0.36	0.066	ND		0.18	0.032	ND		0.19	0.035
4-Chlorophenyl phenyl ether	7005-72-3	1000		0	ND		0.17	0.018	ND		0.18	0.019	ND		0.18	0.02	ND		0.18	0.02	ND		0.18	0.019	ND		0.19	0.021
4-Nitroaniline	100-01-6	1000		0	ND		0.17	0.071	ND		0.18	0.073	ND		0.18	0.076	ND		0.18	0.076	ND		0.18	0.073	ND		0.19	0.08
4-Nitrophenol	100-02-7	100		0	ND		0.24	0.071	ND		0.24	0.072	ND		10	3	ND		0.51	0.15	ND		0.25	0.073	ND		0.27	0.079
Acenaphthene	83-32-9	4	1.73	12	ND		0.14	0.018	ND		0.14	0.018	12		6	0.77	0.89		0.29	0.038	ND		0.14	0.018	ND		0.15	0.02
Acenaphthylene	208-96-8	1	0.72	3	ND		0.14	0.027	ND		0.14	0.027	3	J	6	1.2	0.26	J	0.29	0.056	ND		0.14	0.028	ND		0.15	0.03
Acetophenone	98-86-2	1000	0.06	0.063	ND		0.17	0.021	ND		0.18	0.022	ND		7.4	0.92	ND		0.36	0.045	ND		0.18	0.022	ND		0.19	0.024
Aniline	62-53-3	1000		0	ND		0.21	0.082	ND		0.21	0.083	ND		8.9	3.5	ND		0.44	0.17	ND		0.21	0.084	ND		0.23	0.091
Anthracene	120-12-7	1000	5.61	43	ND		0.1	0.034	ND		0.1	0.034	43		4.5	1.4	2.5		0.22	0.071	ND		0.11	0.035	ND		0.12	0.038
Azobenzene	103-33-3	NS		0	ND		0.17	0.017	ND		0.18	0.017	ND		7.4	0.72	ND		0.36	0.035	ND		0.18	0.017	ND		0.19	0.018
Benzidine	92-87-5	10		0	ND		0.57	0.19	ND		0.58	0.19	ND		0.61	0.2	ND		0.6	0.2	ND		0.58	0.19	ND		0.64	0.21
Benzo(a)anthracene	56-55-3	7	6.92	60	0.027	J	0.1	0.02	0.036	J	0.1	0.02	60		4.5	0.84	3.2		0.22	0.041	0.021	J	0.11	0.02	ND		0.12	0.022
Benzo(a)pyrene	50-32-8	2	7.35	47	ND		0.14	0.042	ND		0.14	0.043	47		6	1.8	2.7		0.29	0.088	ND		0.14	0.044	ND		0.15	0.047
Benzo(b)fluoranthene	205-99-2	7	7.71	58	ND		0.1	0.029	0.037	J	0.1	0.03	58		4.5	1.2	3.1		0.22	0.061	ND		0.11	0.03	ND		0.12	0.032
Benzo(ghi)perylene	191-24-2	1000	3.51	23	ND		0.14	0.02	ND		0.14	0.021	23		6	0.88	1.4		0.29	0.043	ND		0.14	0.021	ND		0.15	0.023
Benzo(k)fluoranthene	207-08-9	70	2.58	16	ND		0.1	0.028	ND		0.1	0.028	16		4.5	1.2	1.2		0.22	0.058	ND		0.11	0.029	ND		0.12	0.031
Benzoic Acid	65-85-0	1000		0	ND		0.56	0.17	ND		0.57	0.18	ND		0.6	0.19	ND		0.59	0.18	ND		0.57	0.18	ND		0.63	0.2
Bis(2-chloroethoxy)methane	111-91-1	500		0	ND		0.19	0.017	ND		0.19	0.018	ND		8	0.75	ND		0.39	0.036	ND		0.19	0.018	ND		0.21	0.019
Bis(2-chloroethyl)ether	111-44-4	0.7		0	ND		0.073	0.023	ND		0.074	0.024	ND		3.1	1	ND		0.15	0.049	ND		0.075	0.024	ND		0.081	0.026
Bis(2-chloroisopropyl)ether	108-60-1	0.7		0	ND		0.073	0.03	ND		0.074	0.03	ND		3.1	1.3	ND		0.15	0.062	ND		0.075	0.03	ND		0.081	0.033
Bis(2-ethylhexyl)phthalate	117-81-7	90	0.20	0.28	ND		0.17	0.06	ND		0.18	0.061	ND		7.4	2.6	ND		0.36	0.12	ND		0.18	0.062	ND		0.19	0.067
Butyl benzyl phthalate	85-68-7	100		0	ND		0.17	0.044	ND		0.18	0.044	ND		7.4	1.9	ND		0.36	0.091	ND		0.18	0.045	ND		0.19	0.049
Chrysene	218-01-9	70	6.14	48	0.021	J	0.1	0.018	0.031	J	0.1	0.018	48		4.5	0.77	2.9		0.22	0.038	ND		0.11	0.019	ND		0.12	0.02
Dibenzo(a,h)anthracene	53-70-3	0.7	0.95	5.9	ND		0.073	0.02	ND		0.074	0.02	5.9		3.1	0.86	0.37		0.15	0.042	ND		0.075	0.021	ND		0.081	0.022
Dibenzofuran	132-64-9	100	1.40	11	0.016	J	0.17	0.016	ND		0.18	0.017	11		7.4	0.7	0.93		0.36	0.034	ND		0.18	0.017	ND		0.19	0.018
Diethyl phthalate	84-66-2	10		0	ND		0.17	0.016	ND		0.18	0.016	ND		7.4	0.69	ND		0.36	0.034	ND		0.18	0.016	ND		0.19	0.018
Dimethyl phthalate	131-11-3	0.7	0.18	0.18	ND		0.073	0.036	ND		0.074	0.037	ND		3.1	1.6	ND		0.15	0.076	ND		0.075	0.038	ND		0.081	0.041
Di-n-butylphthalate	84-74-2	50	0.05	0.053	ND		0.17	0.033	ND		0.18	0.033	ND		7.4	1.4	ND		0.36	0.069	ND		0.18	0.034	ND		0.19	0.037
Di-n-octylphthalate	117-84-0	1000		0	ND		0.17	0.059	ND		0.18	0.06	ND		7.4	2.5	ND		0.36	0.12	ND		0.18	0.061	ND		0.19	0.066
Fluoranthene	206-44-0	1000	14.79	120	0.049	J	0.1	0.02	0.07	J	0.1	0.02	120		4.5	0.86	7.1		0.22	0.042	0.037	J	0.11	0.02	ND		0.12	0.022
Fluorene	86-73-7	1000	1.69	12	ND		0.17	0.017	ND		0.18	0.017	12		7.4	0.72	0.88		0.36	0.035	ND		0.18	0.017	ND		0.19	0.019
Hexachlorobenzene	118-74-1	0.7		0	ND		0.073	0.019	ND		0.074	0.02	ND		3.1	0.83	ND		0.15	0.041	ND		0.075	0.02	ND		0.081	0.022
Hexachlorobutadiene	87-68-3	30		0	ND		0.17	0.025	ND		0.18	0.026	ND		7.4	1.1	ND		0.36	0.053	ND		0.18	0.026	ND		0.19	0.028
Hexachlorocyclopentadiene	77-47-4	50		0	ND		0.49	0.16	ND		0.5	0.16	ND		0.53	0.17	ND		0.52	0.16	ND		0.5	0.16	ND		0.56	0.18
Hexachloroethane	67-72-1	0.7		0	ND		0.073	0.028	ND		0.074	0.028	ND		3.1	1.2	ND		0.15	0.059	ND		0.075	0.029	ND		0.081	0.031
Indeno(1,2,3-cd)pyrene	193-39-5	7	4.01	25	ND		0.14	0.024	ND		0.14	0.024	25		6	1	1.5		0.29	0.051	ND		0.14	0.025	ND		0.15	0.027
Isophorone	78-59-1	100		0	ND		0.16	0.022	ND		0.16	0.023	ND		6.7	0.97	ND		0.33	0.047	ND		0.16	0.023	ND		0.17	0.025
Naphthalene	91-20-3	4	0.58	2.6	0.064	J	0.17	0.021	ND		0.18	0.021	2.6	J	7.4	0.91	0.38		0.36	0.044	ND		0.18	0.022	0.53		0.19	0.024
NDPA/DPA	86-30-6	100		0	ND		0.14	0.02	ND		0.14	0.02	ND		0.15	0.021	ND		0.15	0.021	ND		0.14	0.02	ND		0.16	0.022
Nitrobenzene	98-95-3	500		0	ND		0.16	0.026	ND		0.16	0.026	ND		6.7	1.1	ND		0.33	0.054	ND		0.16	0.026	ND		0.17	0.029
n-Nitrosodimethylamine	62-75-9	50		0	ND		0.34	0.033	ND		0.35	0.034	ND		0.37	0.035	ND		0.36	0.035	ND		0.35	0.034	ND		0.39	0.037
n-Nitrosodi-n-propylamine	621-64-7	50		0	ND		0.17	0.026	ND		0.18	0.027	ND		0.18	0.028	ND		0.18	0.028	ND		0.18	0.027	ND		0.19	0.03
p-Chloro-m-cresol	59-50-7	1000		0	ND		0.17	0.026	ND		0.18	0.026	ND		0.18	0.027	ND		0.18	0.027	ND		0.18	0.026	ND		0.19	0.029
Pentachloronitrobenzene	82-68-8	100		0	ND		170	29	ND		180	30	ND		180	31	ND		180	31	ND		180	30	ND		190	33
Pentachlorophenol	87-86-5	3		0	ND		0.35	0.038	ND		0.35	0.039	ND		15	1.6	ND		0.73	0.08	ND		0.36	0.039	ND		0.39	0.042
Phenanthrene	85-01-8	10	12.24	110	0.06	J	0.1	0.021	0.046	J	0.1	0.021	110		4.5	0.91	7.9		0.22	0.044	0.041	J	0.11	0.022	ND		0.12	0.024
Phenol	108-95-2	1	0.05	0.076	ND		0.17	0.026	ND		0.18	0.026	ND		7.4	1.1	ND		0.36	0.055	ND		0.18	0.027	ND		0.19	0.029
Pyrene	129-00-0	1000	12.71	100	0.043	J	0.1	0.017	0.064	J	0.1	0.017	100		4.5	0.74	6		0.22	0.036	0.032	J	0.11	0.018	ND		0.12	0.019
Pyridine	110-86-1	500		0	ND		0.18	0.065	ND		0.19	0.067	ND		0.2	0.07	ND		0.2	0.069	ND		0.19	0.067	ND		0.21	0.074
Total SVOCs			53.91	699.1	0.28	-	-	-	0.284	-	-	-	699.1	-	-	-	43.48	-	-	-	0.131	-	-	-	0.95	-	-	-

Table 2 -
FSL Soil Results
372 Cambridge Street, Boston MA

	SAMPLE ID:		372 Cambridge Street Average Concentration	372 Cambridge Street Max Concentration	FSL-6 5'-10'				FSL-6 10'-15'				FSL-7 0'-5'				FSL-7 5'-10'				FSL-7 10'-15'				FSL-7 15'-20'			
	LAB ID:				L2041088-19				L2041088-20				L2041265-01				L2041265-02				L2041265-03				L2041265-04			
	COLLECTION DATE				9/28/2020				9/28/2020				9/29/2020				9/29/2020				9/29/2020				9/29/2020			
	RCS-1-14																											
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
MCP POLYCHLORINATED BIPHENYLS																												
Aroclor 1016	12674-11-	1		0	ND		0.0346	0.0346	ND		0.035	0.035	ND		0.0362	0.0362	ND		0.0359	0.0359	ND		0.0349	0.0349	ND		0.0386	0.0386
Aroclor 1221	11104-28-	1		0	ND		0.0346	0.0346	ND		0.035	0.035	ND		0.0362	0.0362	ND		0.0359	0.0359	ND		0.0349	0.0349	ND		0.0386	0.0386
Aroclor 1232	11141-16-	1		0	ND		0.0346	0.0346	ND		0.035	0.035	ND		0.0362	0.0362	ND		0.0359	0.0359	ND		0.0349	0.0349	ND		0.0386	0.0386
Aroclor 1242	53469-21-	1		0	ND		0.0346	0.0346	ND		0.035	0.035	ND		0.0362	0.0362	ND		0.0359	0.0359	ND		0.0349	0.0349	ND		0.0386	0.0386
Aroclor 1248	12672-29-	1		0	ND		0.0346	0.0346	ND		0.035	0.035	ND		0.0362	0.0362	ND		0.0359	0.0359	ND		0.0349	0.0349	ND		0.0386	0.0386
Aroclor 1254	11097-69-	1	0.04	0.0397	ND		0.0346	0.0346	ND		0.035	0.035	ND		0.0362	0.0362	ND		0.0359	0.0359	ND		0.0349	0.0349	ND		0.0386	0.0386
Aroclor 1260	11096-82-	1	0.07	0.088	ND		0.0346	0.0346	ND		0.035	0.035	ND		0.0362	0.0362	ND		0.0359	0.0359	ND		0.0349	0.0349	ND		0.0386	0.0386
Aroclor 1262	37324-23-	1		0	ND		0.0346	0.0346	ND		0.035	0.035	ND		0.0362	0.0362	ND		0.0359	0.0359	ND		0.0349	0.0349	ND		0.0386	0.0386
Aroclor 1268	11100-14-	1		0	ND		0.0346	0.0346	ND		0.035	0.035	ND		0.0362	0.0362	ND		0.0359	0.0359	ND		0.0349	0.0349	ND		0.0386	0.0386
PCBs, Total	1336-36-3	1	0.09	0.088	ND		0.0346	0.0346	ND		0.035	0.035	ND		0.0362	0.0362	ND		0.0359	0.0359	ND		0.0349	0.0349	ND		0.0386	0.0386
PETROLEUM HYDROCARBON QUANTITATION																												
TPH (C10-C36)	NONE	1000	595.55	3150	446		33.2	3.81	6.79	J	35.4	4.07	3150		178	20.4	487		36.5	4.2	4.09	J	35	4.02	360		37.4	4.3
MCP TOTAL METALS																												
Antimony, Total	7440-36-0	20	1.76	4.79	ND		2.07	0.157	ND		2.12	0.161	ND		2.19	0.166	1.62	J	2.18	0.165	ND		2.03	0.154	ND		2.33	0.177
Arsenic, Total	7440-38-2	20	5.54	16.2	3.45		0.414	0.086	2.78		0.424	0.088	4.13		0.438	0.091	6.28		0.435	0.091	4.72		0.405	0.084	6.56		0.466	0.097
Barium, Total	7440-39-3	1000	53.56	398	18.7		0.414	0.072	13.8		0.424	0.074	51.6		0.438	0.076	109		0.435	0.076	56.4		0.405	0.071	38.9		0.466	0.081
Beryllium, Total	7440-41-7	90	0.22	0.546	0.17	J	0.207	0.014	0.144	J	0.212	0.014	0.341		0.219	0.014	0.348		0.218	0.014	0.498		0.203	0.013	0.391		0.233	0.015
Cadmium, Total	7440-43-9	70	0.83	3.88	0.443		0.414	0.041	0.441		0.424	0.042	ND		0.438	0.043	ND		0.435	0.043	ND		0.405	0.04	ND		0.466	0.046
Chromium, Total	7440-47-3	100	14.88	37.8	12.5		0.414	0.04	9.49		0.424	0.041	14.2		0.438	0.042	13.9		0.435	0.042	17.2		0.405	0.039	20.2		0.466	0.045
Lead, Total	7439-92-1	200	143.67	1640	6.32		2.07	0.111	6.84		2.12	0.114	36.3		2.19	0.117	1140		2.18	0.117	9.92		2.03	0.109	9.66		2.33	0.125
Mercury, Total	7439-97-6	20	1.44	10.9	ND		0.07	0.07	ND		0.074	0.074	0.103		0.082	0.082	0.265		0.08	0.08	ND		0.079	0.079	ND		0.086	0.086
Nickel, Total	7440-02-0	600	12.33	26.6	14.6		1.03	0.1	9.28		1.06	0.103	6.78		1.09	0.106	12		1.09	0.105	15.8		1.01	0.098	14.9		1.16	0.113
Selenium, Total	7782-49-2	400	0.40	1.81	0.476	J	2.07	0.107	0.42	J	2.12	0.109	0.276	J	2.19	0.113	0.209	J	2.18	0.112	0.166	J	2.03	0.104	ND		2.33	0.12
Silver, Total	7440-22-4	100	1.18	1.18	ND		0.414	0.117	ND		0.424	0.12	ND		0.438	0.124	ND		0.435	0.123	ND		0.405	0.115	ND		0.466	0.132
Thallium, Total	7440-28-0	8	0.42	0.807	0.323	J	2.07	0.13	0.352	J	2.12	0.134	ND		2.19	0.138	0.357	J	2.18	0.137	0.344	J	2.03	0.128	ND		2.33	0.147
Vanadium, Total	7440-62-2	400	22.70	51	19		0.414	0.084	15.2		0.424	0.086	17		0.438	0.089	31.6		0.435	0.088	32.2		0.405	0.082	28.8		0.466	0.095
Zinc, Total	7440-66-6	1000	125.26	1580	34.7		2.07	0.121	33.8		2.12	0.124	61		2.19	0.128	227		2.18	0.128	55.5		2.03	0.119	39.3		2.33	0.136
TCLP (mg/L)																												
Lead		5	9.84	35.8	NT	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-
Mercury, Total		0.2		0	NT	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-	NT	-	-	-
GENERAL CHEMISTRY																												
pH (H)	12408-02-		8.13	11	8.6		0	NA	8.6		0	NA	11		0	NA	8.6		0	NA	8		0	NA	8.1		0	NA
Cyanide, Reactive	57-12-5			0	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10
Solids, Total	NONE		91.07	95.7	94.6		0.1	NA	93.9		0.1	NA	89		0.1	NA	90.3		0.1	NA	92.7		0.1	NA	84.3		0.1	NA
Specific Conductance @ 25 C	NONE		58.66	340	73		10	10	58		10	10	340		10	10	76		10	10	13		10	10	24		10	10
Sulfide, Reactive	NONE			0	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10
IGNITABILITY OF SOLIDS																												
Ignitability	NONE			0	NI		0	NA	NI		0	NA	NI		0	NA	NI		0	NA	NI		0	NA	NI		0	NA
MCP GENERAL CHEMISTRY																												
Cyanide, Total	57-12-5	30	1.20	1.2	ND		1	1	ND		1	1	ND		1	1	ND		1.1	1.1	ND		1	1	ND		1.2	1.2

* Comparison is not performed on parameters with non-numeric criteria.
J - Concentration of analyte is below the Method RL, estimated value
U - Not detected at the reported detection limit for the sample.

RCS-1-14: MCP 2014 RCS-1 Reportable Concentrations Criteria effective April 25, 2014.
NS - No Standard
NI - Not Ignitable
ND - Not Detected
NC - No DFAC Value
NA - Not Analyzed/Not Applicable
Analytes detected at levels above RCS-1
Analytes Detected above Winchendon Acceptance Values
Analyte Laboratory Reporting Limits above RCS-1 Values

Table 2 -
FSL Soil Results
372 Cambridge Street, Boston MA

		SAMPLE ID:	372 Cambridge Street Average Concentration	372 Cambridge Street Max Concentration	FSL-7 20'-25'				FSL-8 0'-5'				FSL-9 0'-5'				FSL-9 5'-10'				FSL-9 10'15'				FSL-10 0'-5'		
		LAB ID:			L2041265-05				L2041088-21				L2041088-22				L2041088-23				L2041088-24				L2048332-08		
		COLLECTION DATE:			9/29/2020				9/28/2020				9/28/2020				9/28/2020				9/28/2020				11/3/2020		
		RCS-1-14																									
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	RL	MDL
FIELD SCREENING																											
TVOCs							0				0.1				0.1				0.1				0.1			0.1	
MCP VOLATILE ORGANICS BY EPA 5035																											
Ethylbenzene	100-41-4	40	0.23	0.45	ND		0.24	0.034	ND		0.0014	0.00019	ND		0.0014	0.00019	ND		0.00095	0.00013	ND		0.00091	0.00013	ND	0.0012	0.00017
Styrene	100-42-5	3		0	ND		0.24	0.047	ND		0.0014	0.00027	ND		0.0014	0.00027	ND		0.00095	0.00019	ND		0.00091	0.00018	ND	0.0012	0.00024
cis-1,3-Dichloropropene	10061-01-	0.01		0	ND		0.12	0.038	ND		0.00069	0.00022	ND		0.00069	0.00022	ND		0.00048	0.00015	ND		0.00045	0.00014	ND	0.00061	0.00019
trans-1,3-Dichloropropene	10061-02-	0.01		0	ND		0.24	0.065	ND		0.0014	0.00038	ND		0.0014	0.00038	ND		0.00095	0.00026	ND		0.00091	0.00025	ND	0.0012	0.00033
n-Propylbenzene	103-65-1	100	2.65	4.6	0.69		0.24	0.041	ND		0.0014	0.00024	ND		0.0014	0.00024	ND		0.00095	0.00016	ND		0.00091	0.00015	ND	0.0012	0.00021
n-Butylbenzene	104-51-8	NS	1.66	2.9	0.41		0.24	0.04	ND		0.0014	0.00023	ND		0.0014	0.00023	ND		0.00095	0.00016	ND		0.00091	0.00015	ND	0.0012	0.0002
p-Chlorotoluene	106-43-4	10		0	ND		0.48	0.026	ND		0.0028	0.00015	ND		0.0028	0.00015	ND		0.0019	0.0001	ND		0.0018	0.0001	ND	0.0024	0.00013
1,4-Dichlorobenzene	106-46-7	0.7		0	ND		0.48	0.041	ND		0.0028	0.00024	ND		0.0028	0.00024	ND		0.0019	0.00016	ND		0.0018	0.00015	ND	0.0024	0.00021
1,2-Dibromoethane	106-93-4	0.1		0	ND		0.24	0.066	ND		0.0014	0.00038	ND		0.0014	0.00038	ND		0.00095	0.00027	ND		0.00091	0.00025	ND	0.0012	0.00034
1,2-Dichloroethane	107-06-2	0.1		0	ND		0.24	0.061	ND		0.0014	0.00036	ND		0.0014	0.00036	ND		0.00095	0.00024	ND		0.00091	0.00023	ND	0.0012	0.00031
Acrylonitrile	107-13-1	100		0	ND		0.95	0.27	ND		0.0055	0.0016	ND		0.0055	0.0016	ND		0.0038	0.0011	ND		0.0036	0.001	ND	0.0049	0.0014
Methyl isobutyl ketone	108-10-1	0.4		0	ND		2.4	0.3	ND		0.014	0.0018	ND		0.014	0.0018	ND		0.0095	0.0012	ND		0.0091	0.0012	ND	0.012	0.0016
Diisopropyl Ether	108-20-3	100		0	ND		0.48	0.051	ND		0.0028	0.00029	ND		0.0028	0.00029	ND		0.0019	0.0002	ND		0.0018	0.00019	ND	0.0024	0.00026
1,3,5-Trimethylbenzene	108-67-8	10	4.88	17	2.5		0.48	0.046	ND		0.0028	0.00027	ND		0.0028	0.00027	ND		0.0019	0.00018	ND		0.0018	0.00017	ND	0.0024	0.00024
Bromobenzene	108-86-1	100		0	ND		0.48	0.034	ND		0.0028	0.0002	ND		0.0028	0.0002	ND		0.0019	0.00014	ND		0.0018	0.00013	ND	0.0024	0.00018
Toluene	108-88-3	30	0.00	0.0007	ND		0.24	0.13	ND		0.0014	0.00075	ND		0.0014	0.00075	ND		0.00095	0.00052	ND		0.00091	0.00049	ND	0.0012	0.00066
Chlorobenzene	108-90-7	1		0	ND		0.12	0.03	ND		0.00069	0.00018	ND		0.00069	0.00018	ND		0.00048	0.00012	ND		0.00045	0.00012	ND	0.00061	0.00016
Tetrahydrofuran	109-99-9	500		0	ND		0.95	0.38	ND		0.0055	0.0022	ND		0.0055	0.0022	ND		0.0038	0.0015	ND		0.0036	0.0014	ND	0.0049	0.0019
1,2,4-Trichlorobenzene	120-82-1	2		0	ND		0.48	0.065	ND		0.0028	0.00038	ND		0.0028	0.00038	ND		0.0019	0.00026	ND		0.0018	0.00025	ND	0.0024	0.00033
1,4-Dioxane	123-91-1	0.2		0	ND		19	8.4	ND		0.11	0.048	ND		0.11	0.048	ND		0.076	0.033	ND		0.072	0.032	ND	0.098	0.043
Dibromochloromethane	124-48-1	0.005		0	ND		0.24	0.033	ND		0.0014	0.00019	ND		0.0014	0.00019	ND		0.00095	0.00013	ND		0.00091	0.00013	ND	0.0012	0.00017
Tetrachloroethene	127-18-4	1	0.00	0.0024	ND		0.12	0.047	0.00068	J	0.00069	0.00027	ND		0.00069	0.00027	0.00028	J	0.00048	0.00019	ND		0.00045	0.00018	ND	0.00061	0.00024
sec-Butylbenzene	135-98-8	NS	1.51	2.6	0.42		0.24	0.035	ND		0.0014	0.0002	ND		0.0014	0.0002	ND		0.00095	0.00014	ND		0.00091	0.00013	ND	0.0012	0.00018
1,3-Dichloropropane	142-28-9	500		0	ND		0.48	0.04	ND		0.0028	0.00023	ND		0.0028	0.00023	ND		0.0019	0.00016	ND		0.0018	0.00015	ND	0.0024	0.0002
cis-1,2-Dichloroethene	156-59-2	0.1		0	ND		0.24	0.042	ND		0.0014	0.00024	ND		0.0014	0.00024	ND		0.00095	0.00017	ND		0.00091	0.00016	ND	0.0012	0.00021
trans-1,2-Dichloroethene	156-60-5	1		0	ND		0.36	0.033	ND		0.0021	0.00019	ND		0.0021	0.00019	ND		0.0014	0.00013	ND		0.0014	0.00012	ND	0.0018	0.00017
Methyl tert butyl ether	1634-04-4	0.1		0	ND		0.48	0.048	ND		0.0028	0.00028	ND		0.0028	0.00028	ND		0.0019	0.00019	ND		0.0018	0.00018	ND	0.0024	0.00024
p/m-Xylene	179601-23	100	2.44	4.6	0.28	J	0.48	0.13	ND		0.0028	0.00077	ND		0.0028	0.00077	ND		0.0019	0.00053	ND		0.0018	0.00051	ND	0.0024	0.00068
1,3-Dichlorobenzene	541-73-1	3		0	ND		0.48	0.035	ND		0.0028	0.0002	ND		0.0028	0.0002	ND		0.0019	0.00014	ND		0.0018	0.00013	ND	0.0024	0.00018
1,3-Dichloropropene, Total	542-75-6	0.01		0	ND		0.12	0.038	ND		0.00069	0.00022	ND		0.00069	0.00022	ND		0.00048	0.00015	ND		0.00045	0.00014	ND	0.00061	0.00019
Carbon tetrachloride	56-23-5	5		0	ND		0.24	0.055	ND		0.0014	0.00032	ND		0.0014	0.00032	ND		0.00095	0.00022	ND		0.00091	0.00021	ND	0.0012	0.00028
1,1-Dichloropropene	563-58-6	0.1		0	ND		0.12	0.038	ND		0.00069	0.00022	ND		0.00069	0.00022	ND		0.00048	0.00015	ND		0.00045	0.00014	ND	0.00061	0.00019
2-Hexanone	591-78-6	100		0	ND		2.4	0.28	ND		0.014	0.0016	ND		0.014	0.0016	ND		0.0095	0.0011	ND		0.0091	0.0011	ND	0.012	0.0014
2,2-Dichloropropane	594-20-7	0.1		0	ND		0.48	0.048	ND		0.0028	0.00028	ND		0.0028	0.00028	ND		0.0019	0.00019	ND		0.0018	0.00018	ND	0.0024	0.00025
Diethyl ether	60-29-7	100		0	ND		0.48	0.081	ND		0.0028	0.00047	ND		0.0028	0.00047	ND		0.0019	0.00032	ND		0.0018	0.00031	ND	0.0024	0.00042
1,1,1,2-Tetrachloroethane	630-20-6	0.1		0	ND		0.12	0.031	ND		0.00069	0.00018	ND		0.00069	0.00018	ND		0.00048	0.00012	ND		0.00045	0.00012	ND	0.00061	0.00016
Ethyl-Tert-Butyl-Ether	637-92-3	NS		0	ND		0.48	0.03	ND		0.0028	0.00018	ND		0.0028	0.00018	ND		0.0019	0.00012	ND		0.0018	0.00012	ND	0.0024	0.00016
Acetone	67-64-1	6		0	ND		2.4	1.1	ND		0.034	0.014	ND		0.034	0.014	ND		0.024	0.0095	ND		0.023	0.0091	ND	0.03	0.012
Chloroform	67-66-3	0.2		0	ND		0.36	0.033	ND		0.0021	0.00019	ND		0.0021	0.00019	ND		0.0014	0.00013	ND		0.0014	0.00013	ND	0.0018	0.00017
Benzene	71-43-2	2	0.00	0.0037	ND		0.12	0.04	ND		0.00069	0.00023	0.0004	J	0.00069	0.00023	ND		0.00048	0.00016	ND		0.00045	0.00015	ND	0.00061	0.0002
1,1,1-Trichloroethane	71-55-6	30		0	ND		0.12	0.04	ND		0.00069	0.00023	ND		0.00069	0.00023	ND		0.00048	0.00016	ND		0.00045	0.00015	ND	0.00061	0.0002
Bromomethane	74-83-9	0.5	0.00	0.0012	ND		0.48	0.14	ND		0.0028	0.0008	ND		0.0028	0.0008	ND		0.0019	0.00055	ND		0.0018	0.00053	ND	0.0024	0.00071
Chloromethane	74-87-3	100		0	ND		0.95	0.22	ND		0.0055	0.0013	ND		0.0055	0.0013	ND		0.0038	0.00089	ND		0.0036	0.00084	ND	0.0049	0.0011
Dibromomethane	74-95-3	500		0	ND		0.48	0.057	ND		0.0028	0.00033	ND		0.0028	0.00033	ND		0.0019	0.00023	ND		0.0018	0.00022	ND	0.0024	0.00029
Bromochloromethane	74-97-5	NS		0	ND		0.48	0.049	ND		0.0028	0.00028	ND		0.0028	0.00028	ND		0.0019	0.0002	ND		0.0018	0.00018	ND	0.0024	0.00025
Chloroethane	75-00-3	100		0	ND		0.48	0.11	ND		0.0028	0.00062	ND		0.0028	0.00062	ND		0.0019	0.00043	ND		0.0018	0.00041	ND	0.0024	0.00055
Vinyl chloride	75-01-4	0.7		0	ND		0.24	0.08	ND		0.0014	0.00046	ND		0.0014	0.00046	ND		0.00095	0.00032	ND		0.00091	0.0003	ND	0.0012	0.00041
Methylene chloride	75-09-2	0.1		0	ND		1.2	0.54	ND		0.0069	0.0032	ND		0.0069	0.0032	ND		0.0048	0.0022	ND		0.0045	0.0021	ND	0.0061	0.0028
Carbon disulfide	75-15-0	100		0	ND		2.4	0.26	ND		0.014	0.0015	ND		0.014	0.0015	ND		0.0095	0.001	ND		0.0091	0.001	ND	0.012	0.0013
Bromoform	75-25-2	0.1		0	ND		0.95	0.058	ND		0.0055	0.00034	ND		0.0055	0.00034	ND		0.0038	0.00023	ND		0.0036	0.00022	ND	0.0049	0.0003
Bromodichloromethane	75-27-4	0.1		0	ND		0.12	0.026	ND		0.00069	0.00015	ND		0.00069	0.00015	ND		0.00048	0.0001	ND		0.00045	0.0001	ND	0.00061	0.00013
1,1-Dichloroethane	75-34-3	0.4		0	ND		0.24	0.034	ND		0.0014	0.0002	ND		0.0014	0.0002	ND		0.00095	0.00014	ND		0.00091	0.00013	ND	0.0012	0.00018
1,1-Dichloroethene	75-35-4	3		0	ND		0.24	0.057	ND		0.0014	0.00033	ND		0.0014	0.00033	ND		0.00095	0.00023	ND		0.00091	0.00022	ND	0.0012	0.00029
Trichlorofluoromethane	75-69-4	1000		0	ND		0.95	0.16	ND		0.0055	0.00096	ND		0.0055	0.00096	ND		0.0038	0.00066	ND		0.0036	0.00063	ND	0.0049	0.00085
Dichlorodifluoromethane	75-71-8	1000		0	ND		2.4	0.22	ND		0.014	0.0013	ND		0.014	0.0013	ND		0.0095	0.00087	ND		0.0091	0.00083	ND	0.012	0.0011
1,2-Dichloropropane	78-87-5	0.1		0	ND		0.24	0.03	ND		0.0014	0.00017	ND		0.0014	0.00017	ND		0.00095	0.00012	ND		0.00091	0.00011	ND	0.0012	0.00015
Methyl ethyl ketone	78-93-3	4		0	ND		2.4	0.53	ND		0.014	0.0031	ND		0.014	0.0031	ND		0.0095	0.0021	ND		0.0091	0.002	ND	0.012	0.0027
1,1,2-Trichloroethane	79-00-5	0.1		0	ND		0.24	0.064	ND		0.0014	0.00037	ND		0.0014	0.00037	ND		0.00095	0.00025	ND		0.00091	0.00024	ND	0.0012	0.00033
Trichloroethene	79-01-6	0.3		0	ND		0.12	0.033	ND		0.00069	0.00019	ND		0.00069	0.00019	ND		0.00048	0.00013	ND		0.00045	0.00012	ND	0.00061	0.00017
1,1,2,2-Tetrachloroethane	79-34-5	0.005		0	ND		0.12	0.04	ND		0.00069	0.00023	ND		0.00069	0.00023	ND		0.00048	0.00016	ND		0.00045	0.00015	ND	0.00061	0.0002
1,2,3-Trichlorobenzene	87-61-6	NS		0	ND		0.48	0.077	ND		0.0028	0.00044	ND		0.0028	0.00044	ND		0.0019	0.00031	ND		0.0018	0.00029	ND	0.0024	0.00039
Hexachlorobutadiene	87-68-3	30		0	ND		0.95	0.04	ND		0.0055	0.00023	ND		0.0055	0.00023	ND		0.0038	0.00016	ND		0.0036	0.00015	ND	0.0049	0.00021
Naphthalene	91-20-3	4	0.47	3.2	0.54	J	0.95	0.15	ND		0.0055	0.0009	0.0017	J	0.0055	0.0009	ND		0.0038	0.00062	ND		0.0036	0.00059	ND	0.0049	0.00079
o-Xylene	95-47-6	100	0.27	0.27	ND		0.24	0.069	ND		0.0014	0.0004	ND		0.0014	0.0004	ND		0.00095	0.00028	ND		0.00091	0.00026	ND	0.0012	0.00036
o-Chlorotoluene	95-49-8	100		0	ND		0.48	0.045	ND		0.0028	0.00026	ND		0.0028	0.00026	ND		0.0019	0.00018	ND		0.0018	0.00017	ND	0.0024	0.00023
1,2-Dichlorobenzene	95-50-1	9		0	ND		0.48	0.034	ND		0.0028	0.0002	ND		0.0028	0.0002	ND		0.0019	0.00014	ND		0.0018	0.00013	ND	0.0024	0.00018
1,2,4-Trimethylbenzene	95-63-6	1000	19.60	34	5.2		0.48	0.08	ND		0.0028	0.00046	ND		0.0028	0.00046	ND		0.0019	0.00032	ND		0.0018	0.0003	ND	0.0024	0.00041
1,2-Dibromo-3-chloropropane	96-12-8	10		0	ND		0.71	0.24	ND		0.0041	0.0014	ND		0.0041	0.0014	ND		0.0029	0.00095	ND		0.0027	0.0009	ND	0.0037	0.0012
1,2,3-Trichloropropane	96-18-4	100		0	ND		0.48	0.03	ND		0.0028	0.00018	ND		0.0028	0.00018	ND		0.0019	0.00012	ND		0.0018	0.00012	ND	0.0024	0.00016
tert-Butylbenzene	98-06-6	100	0.27	0.47	0.07	J	0.48	0.028	ND		0.0028	0.00016	ND		0.0028	0.00016	ND		0.0019	0.00011	ND		0.0018	0.00011	ND	0.0024	0.00014
Isopropylbenzene	98-82-8	1000	1.92	3.4	0.43		0.24	0.026	ND		0.0014	0.00015	ND		0.0014	0.00015	ND		0.00095	0.0001	ND		0.00091	0.0001	ND	0.0012	0.00013
Tertiary-Amyl Methyl Ether	994-05-8	NS		0	ND		0.48	0.042	ND		0.0028	0.00024	ND		0.0028	0.00024	ND		0.0019	0.00017	ND		0.0018	0.00016	ND	0.0024	0.00021
p-Isopropyltoluene	99-87-6	100	1.83	4.7	0.79		0.24	0.026	ND		0.0014	0.00015	ND		0.0014	0.00015	ND		0.00095	0.0001	ND		0.00091	0.0001	ND	0.0012	0.00013
SUM			5.57	83.09	11.61	-	-	-	0.00068	-	-	-	0.0021	-	-	-	0.00028	-	-	-	-	-	-	-	0	-	-
MCP SEMIVOLATILE ORGANICS																											
1,2,4,5-Tetrachlorobenzene	95-94-3	1000		0	ND		190	20	ND		180	19	ND		180	18	ND		190	20	ND		190	20	ND	0.2	0.021
1,2,4-Trichlorobenzene	120-82-1	2		0	ND		0.19	0.022	ND		0.18	0.021	ND		1.8	0.2	ND		0.19	0.022	ND		0.19	0.022	ND	0.2	0.022
1,2-Dichlorobenzene	95-50-1	9		0	ND		0.19	0.034	ND		0.18	0.032	ND		1.8	0.32	ND		0.19	0.034	ND		0.19	0.034	ND	0.2	0.035
1,3-Dichlorobenzene	541-73-1	3		0	ND		0.19	0.033	ND		0.18	0.031	ND		1.8	0.3	ND		0.19	0.032	ND		0.19	0.032	ND	0.2	0.034
1,4-Dichlorobenzene	106-46-7	0.7		0	ND		0.08	0.033	ND		0.076	0.032	ND		0.74	0.31	ND		0.079	0.033	ND		0.079	0.033	ND	0.083	0.034
2,4,5-Trichlorophenol	95-95-4	4		0	ND		0.19	0.036	ND		0.18	0.035	ND		1.8	0.34	ND		0.19	0.036	ND		0.19	0.036	ND	0.2	0.038
2,4,6-Trichlorophenol	88-06-2	0.7		0	ND		0.08	0.036	ND		0.076	0.034	ND		0.74	0.33	ND		0.079	0.036	ND		0.079	0.036	ND	0.083	0.037
2,4-Dichlorophenol	120-83-2	0.7		0	ND		0.08	0.031	ND		0.076	0.029	ND		0.74	0.28	ND		0.079	0.03	ND		0.079	0.03	ND	0.083	0.032
2,4-Dimethylphenol	105-67-9	0.7		0	ND		0.08	0.063	ND		0.076	0.06	ND		0.74	0.58	ND		0.079	0.062	ND		0.079	0.062	ND	0.083	0.065
2,4-Dinitrophenol	51-28-5	3		0	ND		0.91	0.089	ND		0.87	0.084	ND		8.4	0.82	ND		0.91	0.088	ND		0.91	0.088	ND	0.95	0.092
2,4-Dinitrotoluene	121-14-2	0.7	0.07	0.066	ND		0.08	0.038	ND		0.076	0.036	ND		0.74	0.35	ND		0.079	0.038	ND		0.079	0.038	ND	0.083	0.039
2,6-Dinitrotoluene	606-20-2	100		0	ND		0.19	0.033	ND		0.18	0.031	ND		1.8	0.3	ND		0.19	0.032	ND		0.19	0.032	ND	0.2	0.034
2-Chloronaphthalene	91-58-7	1000		0	ND		0.19	0.019	ND		0.18	0.018	ND		1.8	0.17	ND		0.19	0.019	ND		0.19	0.019	ND	0.2	0.02
2-Chlorophenol	95-57-8	0.7		0	ND		0.08	0.022	ND		0.076	0.021	ND		0.74	0.21	ND		0.079	0.022	ND		0.079	0.022	ND	0.083	0.023
2-Methylnaphthalene	91-57-6	0.7	0.48	2.6	0.055	J	0.08	0.023	0.081		0.076	0.022	1.2		0.74	0.21	ND		0.079	0.023	ND		0.079	0.023	ND	0.083	0.024
2-Methylphenol	95-48-7	500		0	ND		0.19	0.03	ND		0.18	0.028	ND		1.8	0.27	ND		0.19	0.029	ND		0.19	0.029	ND	0.2	0.031
2-Nitrophenol	88-75-5	100		0	ND		0.41	0.072	ND		0.39	0.068	ND		3.8	0.66	ND		0.41	0.071	ND		0.41	0.071	ND	0.43	0.074
3,3'-Dichlorobenzidine	91-94-1	3		0	ND		0.19	0.051	ND		0.18	0.048	ND		1.8	0.47	ND		0.19	0.05	ND		0.19	0.05	ND	0.2	0.052
3-Methylphenol/4-Methylphenol	108-39-4/	500	0.09	0.14	ND		0.27	0.03	ND		0.26	0.028	ND		2.5	0.28	ND		0.27	0.03	ND		0.27	0.03	ND	0.28	0.031
4,6-Dinitro-o-cresol	534-52-1	50		0	ND		0.5	0.092	ND		0.47	0.086	ND		0.46	0.084	ND		0.5	0.092	ND		0.5	0.092			
4-Bromophenyl phenyl ether	101-55-3	100		0	ND		0.19	0.029	ND		0.18	0.028	ND		1.8	0.27	ND		0.19	0.029	ND		0.19	0.029	ND	0.2	0.03
4-Chloroaniline	106-47-8	1		0	ND		0.19	0.035	ND		0.18	0.033	ND		1.8	0.32	ND		0.19	0.034	ND		0.19	0.034	ND	0.2	0.036
4-Chlorophenyl phenyl ether	7005-72-3	1000		0	ND		0.19	0.02	ND		0.18	0.019	ND		0.18	0.019	ND		0.19	0.02	ND		0.19	0.02	ND	0.2	0.021
4-Nitroaniline	100-01-6	1000		0	ND		0.19	0.079	ND		0.18	0.074	ND		0.18	0.073	ND		0.19	0.079	ND		0.19	0.079	ND	0.2	0.082
4-Nitrophenol	100-02-7	100		0	ND		0.27	0.078	ND		0.25	0.074	ND		2.5	0.72	ND		0.26	0.077	ND		0.26	0.077	ND	0.28	0.08
Acenaphthene	83-32-9	4	1.73	12	0.27		0.15	0.02	0.21		0.14	0.019	4.2		1.4	0.18	ND		0.15	0.02	ND		0.15	0.02	ND	0.16	0.02
Acenaphthylene	208-96-8	1	0.72	3	0.05	J	0.15	0.029	0.062	J	0.14	0.028	1.7		1.4	0.27	ND		0.15	0.029	ND		0.15	0.029	ND	0.16	0.03
Acetophenone	98-86-2	1000	0.06	0.063	ND		0.19	0.024	ND		0.18	0.022	ND		1.8	0.22	ND		0.19	0.023	ND		0.19	0.023	ND	0.2	0.024
Aniline	62-53-3	1000		0	ND		0.23	0.09	ND		0.22	0.085	ND		2.1	0.83	ND		0.23	0.089	ND		0.23	0.089	ND	0.24	0.093
Anthracene	120-12-7	1000	5.61	43	0.69		0.11	0.037	0.45		0.11	0.035	11		1	0.34	ND		0.11	0.037	ND		0.11	0.037	ND	0.12	0.038
Azobenzene	103-33-3	NS		0	ND		0.19	0.018	ND		0.18	0.017	ND		1.8	0.17	ND		0.19	0.018	ND		0.19	0.018	ND	0.2	0.019
Benzidine	92-87-5	10		0	ND		0.63	0.21	ND		0.59	0.19	ND		0.58	0.19	ND		0.63	0.21	ND		0.63	0.21	ND	0.65	0.21
Benzo(a)anthracene	56-55-3	7	6.92	60	0.72		0.11	0.021	0.92		0.11	0.02	21		1	0.2	ND		0.11	0.021	ND		0.11	0.021	ND	0.12	0.022
Benzo(a)pyrene	50-32-8	2	7.35	47	0.55		0.15	0.046	0.87		0.14	0.044	17		1.4	0.43	ND		0.15	0.046	ND		0.15	0.046	ND	0.16	0.048
Benzo(b)fluoranthene	205-99-2	7	7.71	58	0.64		0.11	0.032	1		0.11	0.03	21		1	0.3	ND		0.11	0.032	ND		0.11	0.032	ND	0.12	0.033
Benzo(ghi)perylene	191-24-2	1000	3.51	23	0.27		0.15	0.022	0.58		0.14	0.021	8.8		1.4	0.21	ND		0.15	0.022	ND		0.15	0.022	0.038	0.16	0.023
Benzo(k)fluoranthene	207-08-9	70	2.58	16	0.24		0.11	0.03	0.44		0.11	0.029	7.1		1	0.28	ND		0.11	0.03	ND		0.11	0.03	ND	0.12	0.032
Benzoic Acid	65-85-0	1000		0	ND		0.62	0.19	ND		0.58	0.18	ND		0.57	0.18	ND		0.62	0.19	ND		0.62	0.19	ND	0.64	0.2
Bis(2-chloroethoxy)methane	111-91-1	500		0	ND		0.2	0.019	ND		0.2	0.018	ND		1.9	0.18	ND		0.2	0.019	ND		0.2	0.019	ND	0.21	0.02
Bis(2-chloroethyl)ether	111-44-4	0.7		0	ND		0.08	0.026	ND		0.076	0.024	ND		0.74	0.24	ND		0.079	0.026	ND		0.079	0.026	ND	0.083	0.027
Bis(2-chloroisopropyl)ether	108-60-1	0.7		0	ND		0.08	0.032	ND		0.076	0.031	ND		0.74	0.3	ND		0.079	0.032	ND		0.079	0.032	ND	0.083	0.034
Bis(2-ethylhexyl)phthalate	117-81-7	90	0.20	0.28	ND		0.19	0.066	ND		0.18	0.063	ND		1.8	0.61	ND		0.19	0.065	ND		0.19	0.065	ND	0.2	0.068
Butyl benzyl phthalate	85-68-7	100		0	ND		0.19	0.048	ND		0.18	0.046	ND		1.8	0.44	ND		0.19	0.048	ND		0.19	0.048	ND	0.2	0.05
Chrysene	218-01-9	70	6.14	48	0.58		0.11	0.02	0.89		0.11	0.019	19		1	0.18	ND		0.11	0.02	ND		0.11	0.02	ND	0.12	0.02
Dibenzo(a,h)anthracene	53-70-3	0.7	0.95	5.9	0.075	J	0.08	0.022	0.14		0.076	0.021	2.2		0.74	0.2	ND		0.079	0.022	ND		0.079	0.022	0.028	0.083	0.023
Dibenzofuran	132-64-9	100	1.40	11	0.31		0.19	0.018	0.17	J	0.18	0.017	3		1.8	0.17	ND		0.19	0.018	ND		0.19	0.018	ND	0.2	0.019
Diethyl phthalate	84-66-2	10		0	ND		0.19	0.018	ND		0.18	0.017	ND		1.8	0.16	ND		0.19	0.018	ND		0.19	0.017	ND	0.2	0.018
Dimethyl phthalate	131-11-3	0.7	0.18	0.18	ND		0.08	0.04	ND		0.076	0.038	ND		0.74	0.37	ND		0.079	0.04	ND		0.079	0.04	ND	0.083	0.041
Di-n-butylphthalate	84-74-2	50	0.05	0.053	ND		0.19	0.036	0.053	J	0.18	0.034	ND		1.8	0.33	ND		0.19	0.036	ND		0.19	0.036	ND	0.2	0.037
Di-n-octylphthalate	117-84-0	1000		0	ND		0.19	0.065	ND		0.18	0.062	ND		1.8	0.6	ND		0.19	0.064	ND		0.19	0.064	ND	0.2	0.067
Fluoranthene	206-44-0	1000	14.79	120	1.7		0.11	0.022	2		0.11	0.021	50		1	0.2	ND		0.11	0.022	ND		0.11	0.022	ND	0.12	0.023
Fluorene	86-73-7	1000	1.69	12	0.3		0.19	0.018	0.18		0.18	0.018	4		1.8	0.17	ND		0.19	0.018	ND		0.19	0.018	ND	0.2	0.019
Hexachlorobenzene	118-74-1	0.7		0	ND		0.08	0.021	ND		0.076	0.02	ND		0.74	0.2	ND		0.079	0.021	ND		0.079	0.021	ND	0.083	0.022
Hexachlorobutadiene	87-68-3	30		0	ND		0.19	0.028	ND		0.18	0.026	ND		1.8	0.26	ND		0.19	0.028	ND		0.19	0.028	ND	0.2	0.029
Hexachlorocyclopentadiene	77-47-4	50		0	ND		0.55	0.17	ND		0.51	0.16	ND		0.5	0.16	ND		0.55	0.17	ND		0.55	0.17	ND	0.56	0.18
Hexachloroethane	67-72-1	0.7		0	ND		0.08	0.031	ND		0.076	0.029	ND		0.74	0.28	ND		0.079	0.03	ND		0.079	0.03	ND	0.083	0.032
Indeno(1,2,3-cd)pyrene	193-39-5	7	4.01	25	0.31		0.15	0.026	0.57		0.14	0.025	9.5		1.4	0.24	ND		0.15	0.026	ND		0.15	0.026	0.032	0.16	0.028
Isophorone	78-59-1	100		0	ND		0.17	0.025	ND		0.16	0.023	ND		1.6	0.23	ND		0.17	0.024	ND		0.17	0.024	ND	0.18	0.026
Naphthalene	91-20-3	4	0.58	2.6	0.053	J	0.19	0.023	0.17	J	0.18	0.022	2.1		1.8	0.21	ND		0.19	0.023	ND		0.19	0.023	ND	0.2	0.024
NDPA/DPA	86-30-6	100		0	ND		0.15	0.022	ND		0.14	0.02	ND		0.14	0.02	ND		0.15	0.022	ND		0.15	0.022	ND	0.16	0.022
Nitrobenzene	98-95-3	500		0	ND		0.17	0.028	ND		0.16	0.027	ND		1.6	0.26	ND		0.17	0.028	ND		0.17	0.028	ND	0.18	0.029
n-Nitrosodimethylamine	62-75-9	50		0	ND		0.38	0.037	ND		0.36	0.034	ND		0.35	0.034	ND		0.38	0.037	ND		0.38	0.037	ND	0.39	0.038
n-Nitrosodi-n-propylamine	621-64-7	50		0	ND		0.19	0.03	ND		0.18	0.028	ND		0.18	0.027	ND		0.19	0.03	ND		0.19	0.029	ND	0.2	0.03
p-Chloro-m-cresol	59-50-7	1000		0	ND		0.19	0.028	ND		0.18	0.027	ND		0.18	0.026	ND		0.19	0.028	ND		0.19	0.028	ND	0.2	0.029
Pentachloronitrobenzene	82-68-8	100		0	ND		190	32	ND		180	30	ND		180	30	ND		190	32	ND		190	32	ND	0.2	0.034
Pentachlorophenol	87-86-5	3		0	ND		0.38	0.042	ND		0.36	0.04	ND		3.5	0.39	ND		0.38	0.042	ND		0.38	0.042	ND	0.39	0.043
Phenanthrene	85-01-8	10	12.24	110	2.2		0.11	0.023	2		0.11	0.022	46		1	0.21	ND		0.11	0.023	ND		0.11	0.023	ND	0.12	0.024
Phenol	108-95-2	1	0.05	0.076	ND		0.19	0.029	ND		0.18	0.027	ND		1.8	0.26	ND		0.19	0.028	ND		0.19	0.028	ND	0.2	0.03
Pyrene	129-00-0	1000	12.71	100	1.3		0.11	0.019	1.8		0.11	0.018	44		1	0.17	ND		0.11	0.019	ND		0.11	0.019	ND	0.12	0.02
Pyridine	110-86-1	500		0	ND		0.21	0.073	ND		0.19	0.068	ND		0.19	0.067	ND		0.21	0.073	ND		0.21	0.072	ND	0.21	0.075
Total SVOCs			53.91	699.1	10.313	-	-	-	12.586	-	-	-	272.8	-	-	-	0	-	-	-	0	-	-	-	0.098	-	-

Table 2 -
FSL Soil Results
372 Cambridge Street, Boston MA

	SAMPLE ID:		372 Cambridge Street Average Concentration	372 Cambridge Street Max Concentration	FSL-7 20'-25'				FSL-8 0'-5'				FSL-9 0'-5'				FSL-9 5'-10'				FSL-9 10'15'				FSL-10 0'-5'		
	LAB ID:				L2041265-05				L2041088-21				L2041088-22				L2041088-23				L2041088-24				L2048332-08		
	COLLECTION DATE				9/29/2020				9/28/2020				9/28/2020				9/28/2020				9/28/2020				11/3/2020		
	RCS-1-14																										
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	RL	MDL
MCP POLYCHLORINATED BIPHENYLS																											
Aroclor 1016	12674-11-	1		0	ND		0.0376	0.0376	ND		0.0357	0.0357	ND		0.0344	0.0344	ND		0.0366	0.0366	ND		0.0368	0.0368	ND	0.0373	0.0373
Aroclor 1221	11104-28-	1		0	ND		0.0376	0.0376	ND		0.0357	0.0357	ND		0.0344	0.0344	ND		0.0366	0.0366	ND		0.0368	0.0368	ND	0.0373	0.0373
Aroclor 1232	11141-16-	1		0	ND		0.0376	0.0376	ND		0.0357	0.0357	ND		0.0344	0.0344	ND		0.0366	0.0366	ND		0.0368	0.0368	ND	0.0373	0.0373
Aroclor 1242	53469-21-	1		0	ND		0.0376	0.0376	ND		0.0357	0.0357	ND		0.0344	0.0344	ND		0.0366	0.0366	ND		0.0368	0.0368	ND	0.0373	0.0373
Aroclor 1248	12672-29-	1		0	ND		0.0376	0.0376	ND		0.0357	0.0357	ND		0.0344	0.0344	ND		0.0366	0.0366	ND		0.0368	0.0368	ND	0.0373	0.0373
Aroclor 1254	11097-69-	1	0.04	0.0397	ND		0.0376	0.0376	ND		0.0357	0.0357	ND		0.0344	0.0344	ND		0.0366	0.0366	ND		0.0368	0.0368	ND	0.0373	0.0373
Aroclor 1260	11096-82-	1	0.07	0.088	ND		0.0376	0.0376	ND		0.0357	0.0357	ND		0.0344	0.0344	ND		0.0366	0.0366	ND		0.0368	0.0368	ND	0.0373	0.0373
Aroclor 1262	37324-23-	1		0	ND		0.0376	0.0376	ND		0.0357	0.0357	ND		0.0344	0.0344	ND		0.0366	0.0366	ND		0.0368	0.0368	ND	0.0373	0.0373
Aroclor 1268	11100-14-	1		0	ND		0.0376	0.0376	ND		0.0357	0.0357	ND		0.0344	0.0344	ND		0.0366	0.0366	ND		0.0368	0.0368	ND	0.0373	0.0373
PCBs, Total	1336-36-3	1	0.09	0.088	ND		0.0376	0.0376	ND		0.0357	0.0357	ND		0.0344	0.0344	ND		0.0366	0.0366	ND		0.0368	0.0368	ND	0.0373	0.0373
PETROLEUM HYDROCARBON QUANTITATION																											
TPH (C10-C36)	NONE	1000	595.55	3150	103		37.3	4.28	126		35.7	4.11	1310		66.8	7.68	ND		38.6	4.44	ND		37.2	4.28	ND	38.2	4.4
MCP TOTAL METALS																											
Antimony, Total	7440-36-0	20	1.76	4.79	ND		2.24	0.17	2.94		2.09	0.159	4.79		2.06	0.156	0.68	J	2.24	0.17	0.311	J	2.26	0.171	1.09	2.31	0.176
Arsenic, Total	7440-38-2	20	5.54	16.2	2.96		0.449	0.093	6.52		0.418	0.087	15.6		0.412	0.086	8.02		0.447	0.093	3.62		0.451	0.094	5.71	0.463	0.096
Barium, Total	7440-39-3	1000	53.56	398	31.3		0.449	0.078	58.7		0.418	0.073	398		0.412	0.072	93.9		0.447	0.078	16.6		0.451	0.079	55.2	0.463	0.081
Beryllium, Total	7440-41-7	90	0.22	0.546	0.301		0.224	0.015	0.192	J	0.209	0.014	0.243		0.206	0.014	0.546		0.224	0.015	0.072	J	0.226	0.015	ND	0.231	0.015
Cadmium, Total	7440-43-9	70	0.83	3.88	ND		0.449	0.044	1.13		0.418	0.041	3.88		0.412	0.04	0.787		0.447	0.044	0.338	J	0.451	0.044	ND	0.463	0.045
Chromium, Total	7440-47-3	100	14.88	37.8	16.3		0.449	0.043	11.7		0.418	0.04	22.1		0.412	0.04	37.8		0.447	0.043	10.7		0.451	0.043	25.4	0.463	0.044
Lead, Total	7439-92-1	200	143.67	1640	5.04		2.24	0.12	131		2.09	0.112	1640		2.06	0.11	8.78		2.24	0.12	3.79		2.26	0.121	6.75	2.31	0.124
Mercury, Total	7439-97-6	20	1.44	10.9	ND		0.085	0.085	0.351		0.079	0.079	10.9		0.386	0.386	ND		0.087	0.087	ND		0.084	0.084	ND	0.087	0.087
Nickel, Total	7440-02-0	600	12.33	26.6	12.4		1.12	0.108	12.4		1.04	0.101	13.2		1.03	0.1	26.6		1.12	0.108	8.74		1.13	0.109	18.4	1.16	0.112
Selenium, Total	7782-49-2	400	0.40	1.81	ND		2.24	0.116	ND		2.09	0.108	1.81	J	2.06	0.106	ND		2.24	0.115	ND		2.26	0.116	2.03	2.31	0.119
Silver, Total	7440-22-4	100	1.18	1.18	ND		0.449	0.127	ND		0.418	0.118	1.18		0.412	0.117	ND		0.447	0.127	ND		0.451	0.128	ND	0.463	0.131
Thallium, Total	7440-28-0	8	0.42	0.807	ND		2.24	0.141	ND		2.09	0.132	ND		2.06	0.13	ND		2.24	0.141	ND		2.26	0.142	ND	2.31	0.146
Vanadium, Total	7440-62-2	400	22.70	51	22.6		0.449	0.091	25.6		0.418	0.085	23.7		0.412	0.084	51		0.447	0.091	17.9		0.451	0.092	33.6	0.463	0.094
Zinc, Total	7440-66-6	1000	125.26	1580	32.7		2.24	0.131	124		2.09	0.122	1580		2.06	0.121	62.4		2.24	0.131	23.8		2.26	0.132	45.7	2.31	0.136
TCLP (mg/L)																											
Lead		5	9.84	35.8	NT	-	-	-	1.8		0.5	0.027	35.8		0.5	0.027	NT	-	-	-	NT	-	-	-	NT	-	-
Mercury, Total		0.2		0	NT	-	-	-	NT	-	-	-	ND		0.001	0.0005	NT	-	-	-	NT	-	-	-	NT	-	-
GENERAL CHEMISTRY																											
pH (H)	12408-02-		8.13	11	8.5		0	NA	8.4		0	NA	7.4		0	NA	7.5		0	NA	7.3		0	NA	5.9	0	NA
Cyanide, Reactive	57-12-5			0	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND	10	10
Solids, Total	NONE		91.07	95.7	85.2		0.1	NA	91.6		0.1	NA	94		0.1	NA	85.9		0.1	NA	86.6		0.1	NA	83.9	0.1	NA
Specific Conductance @ 25 C	NONE		58.66	340	62		10	10	70		10	10	100		10	10	21		10	10	22		10	10	66	10	10
Sulfide, Reactive	NONE			0	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND		10	10	ND	10	10
IGNITABILITY OF SOLIDS																											
Ignitability	NONE			0	NI		0	NA	NI		0	NA	NI		0	NA	NI		0	NA	NI		0	NA	NI	0	NA
MCP GENERAL CHEMISTRY																											
Cyanide, Total	57-12-5	30	1.20	1.2	ND		1.1	1.1	ND		1	1	1.2		1	1	ND		1	1	ND		1.1	1.1	ND	1.1	1.1

* Comparison is not performed on parameters with non-numeric criteria.
J - Concentration of analyte is below the Method RL, estimated value
U - Not detected at the reported detection limit for the sample.

RCS-1-14: MCP 2014 RCS-1 Reportable Concentrations Criteria effective April 25, 2014.
NS - No Standard
NI - Not Ignitable
ND - Not Detected
NC - No DFAC Value
NA - Not Analyzed/Not Applicable
Analytes detected at levels above RCS-1
Analytes Detected above Winchendon Acceptance Values
Analyte Laboratory Reporting Limits above RCS-1 Values

Table 2 -
FSL Soil Results
372 Cambridge Street, Boston MA

ANALYTE	CAS	SAMPLE ID: / LAB ID: / COLLECTION DATE: RCS-1-14 (mg/kg)	372 Cambridge Street Average Concentration (mg/kg)	372 Cambridge Street Max Concentration (mg/kg)	FSL-10 5'-10' L2048332-16 11/3/2020 Conc	RL	MDL	FSL-11 0'-5' L2048332-06 11/3/2020 Conc	RL	MDL	FSL-11 5'-10' L2048332-14 11/3/2020 Conc	RL	MDL	FSL-12 0'-5' L2048332-03 11/3/2020 Conc	RL	MDL	FSL-12 5'-10' L2048332-11 11/3/2020 Conc	RL	MDL	FSL-13 0'-5' L2048332-01 11/3/2020 Conc	RL	MDL
FIELD SCREENING																						
TVOCs						0.1			0.1			0			0			0			0	
MCP VOLATILE ORGANICS BY EPA 5035																						
Ethylbenzene	100-41-4	40	0.23	0.45	ND	0.0013	0.00018	ND	0.00089	0.00012	ND	0.00088	0.00012	ND	0.00078	0.00011	ND	0.0011	0.00016	ND	0.0014	0.0002
Styrene	100-42-5	3		0	ND	0.0013	0.00026	ND	0.00089	0.00017	ND	0.00088	0.00017	ND	0.00078	0.00015	ND	0.0011	0.00022	ND	0.0014	0.00028
cis-1,3-Dichloropropene	10061-01-	0.01		0	ND	0.00065	0.0002	ND	0.00044	0.00014	ND	0.00044	0.00014	ND	0.00039	0.00012	ND	0.00056	0.00018	ND	0.00071	0.00022
trans-1,3-Dichloropropene	10061-02-	0.01		0	ND	0.0013	0.00036	ND	0.00089	0.00024	ND	0.00088	0.00024	ND	0.00078	0.00021	ND	0.0011	0.00031	ND	0.0014	0.00039
n-Propylbenzene	103-65-1	100	2.65	4.6	ND	0.0013	0.00022	ND	0.00089	0.00015	ND	0.00088	0.00015	ND	0.00078	0.00013	ND	0.0011	0.00019	ND	0.0014	0.00024
n-Butylbenzene	104-51-8	NS	1.66	2.9	ND	0.0013	0.00022	ND	0.00089	0.00015	ND	0.00088	0.00015	ND	0.00078	0.00013	ND	0.0011	0.00019	ND	0.0014	0.00024
p-Chlorotoluene	106-43-4	10		0	ND	0.0026	0.00014	ND	0.0018	0.0001	ND	0.0018	0.00009	ND	0.0016	0.00008	ND	0.0023	0.00012	ND	0.0028	0.00015
1,4-Dichlorobenzene	106-46-7	0.7		0	ND	0.0026	0.00022	ND	0.0018	0.00015	ND	0.0018	0.00015	ND	0.0016	0.00013	ND	0.0023	0.00019	ND	0.0028	0.00024
1,2-Dibromoethane	106-93-4	0.1		0	ND	0.0013	0.00036	ND	0.00089	0.00025	ND	0.00088	0.00024	ND	0.00078	0.00022	ND	0.0011	0.00032	ND	0.0014	0.00039
1,2-Dichloroethane	107-06-2	0.1		0	ND	0.0013	0.00033	ND	0.00089	0.00023	ND	0.00088	0.00022	ND	0.00078	0.0002	ND	0.0011	0.00029	ND	0.0014	0.00036
Acrylonitrile	107-13-1	100		0	ND	0.0052	0.0015	ND	0.0036	0.001	ND	0.0035	0.001	ND	0.0031	0.00089	ND	0.0045	0.0013	ND	0.0056	0.0016
Methyl isobutyl ketone	108-10-1	0.4		0	ND	0.013	0.0017	ND	0.0089	0.0011	ND	0.0088	0.0011	ND	0.0078	0.00099	ND	0.011	0.0014	ND	0.014	0.0018
Diisopropyl Ether	108-20-3	100		0	ND	0.0026	0.00028	ND	0.0018	0.00019	ND	0.0018	0.00019	ND	0.0016	0.00016	ND	0.0023	0.00024	ND	0.0028	0.0003
1,3,5-Trimethylbenzene	108-67-8	10	4.88	17	ND	0.0026	0.00025	ND	0.0018	0.00017	ND	0.0018	0.00017	ND	0.0016	0.00015	ND	0.0023	0.00022	ND	0.0028	0.00027
Bromobenzene	108-86-1	100		0	ND	0.0026	0.00019	ND	0.0018	0.00013	ND	0.0018	0.00013	ND	0.0016	0.00011	ND	0.0023	0.00016	ND	0.0028	0.0002
Toluene	108-88-3	30	0.00	0.0007	ND	0.0013	0.00071	ND	0.00089	0.00048	ND	0.00088	0.00048	ND	0.00078	0.00042	ND	0.0011	0.00061	ND	0.0014	0.00077
Chlorobenzene	108-90-7	1		0	ND	0.00065	0.00016	ND	0.00044	0.00011	ND	0.00044	0.00011	ND	0.00039	0.0001	ND	0.00056	0.00014	ND	0.00071	0.00018
Tetrahydrofuran	109-99-9	500		0	ND	0.0052	0.0021	ND	0.0036	0.0014	ND	0.0035	0.0014	ND	0.0031	0.0012	ND	0.0045	0.0018	ND	0.0056	0.0022
1,2,4-Trichlorobenzene	120-82-1	2		0	ND	0.0026	0.00035	ND	0.0018	0.00024	ND	0.0018	0.00024	ND	0.0016	0.00021	ND	0.0023	0.00031	ND	0.0028	0.00038
1,4-Dioxane	123-91-1	0.2		0	ND	0.1	0.046	ND	0.071	0.031	ND	0.07	0.031	ND	0.062	0.027	ND	0.09	0.04	ND	0.11	0.05
Dibromochloromethane	124-48-1	0.005		0	ND	0.0013	0.00018	ND	0.00089	0.00012	ND	0.00088	0.00012	ND	0.00078	0.00011	ND	0.0011	0.00016	ND	0.0014	0.0002
Tetrachloroethene	127-18-4	1	0.00	0.0024	ND	0.00065	0.00026	ND	0.00044	0.00017	ND	0.00044	0.00017	ND	0.00039	0.00015	ND	0.00056	0.00022	ND	0.00071	0.00028
sec-Butylbenzene	135-98-8	NS	1.51	2.6	ND	0.0013	0.00019	ND	0.00089	0.00013	ND	0.00088	0.00013	ND	0.00078	0.00011	ND	0.0011	0.00016	ND	0.0014	0.00021
1,3-Dichloropropane	142-28-9	500		0	ND	0.0026	0.00022	ND	0.0018	0.00015	ND	0.0018	0.00015	ND	0.0016	0.00013	ND	0.0023	0.00019	ND	0.0028	0.00024
cis-1,2-Dichloroethene	156-59-2	0.1		0	ND	0.0013	0.00023	ND	0.00089	0.00016	ND	0.00088	0.00015	ND	0.00078	0.00014	ND	0.0011	0.0002	ND	0.0014	0.00025
trans-1,2-Dichloroethene	156-60-5	1		0	ND	0.002	0.00018	ND	0.0013	0.00012	ND	0.0013	0.00012	ND	0.0012	0.00011	ND	0.0017	0.00016	ND	0.0021	0.00019
Methyl tert butyl ether	1634-04-4	0.1		0	ND	0.0026	0.00026	ND	0.0018	0.00018	ND	0.0018	0.00018	ND	0.0016	0.00016	ND	0.0023	0.00023	ND	0.0028	0.00028
p/m-Xylene	179601-23	100	2.44	4.6	ND	0.0026	0.00073	ND	0.0018	0.0005	ND	0.0018	0.00049	ND	0.0016	0.00043	ND	0.0023	0.00063	ND	0.0028	0.00079
1,3-Dichlorobenzene	541-73-1	3		0	ND	0.0026	0.00019	ND	0.0018	0.00013	ND	0.0018	0.00013	ND	0.0016	0.00011	ND	0.0023	0.00017	ND	0.0028	0.00021
1,3-Dichloropropene, Total	542-75-6	0.01		0	ND	0.00065	0.0002	ND	0.00044	0.00014	ND	0.00044	0.00014	ND	0.00039	0.00012	ND	0.00056	0.00018	ND	0.00071	0.00022
Carbon tetrachloride	56-23-5	5		0	ND	0.0013	0.0003	ND	0.00089	0.0002	ND	0.00088	0.0002	ND	0.00078	0.00018	ND	0.0011	0.00026	ND	0.0014	0.00032
1,1-Dichloropropene	563-58-6	0.1		0	ND	0.00065	0.00021	ND	0.00044	0.00014	ND	0.00044	0.00014	ND	0.00039	0.00012	ND	0.00056	0.00018	ND	0.00071	0.00022
2-Hexanone	591-78-6	100		0	ND	0.013	0.0015	ND	0.0089	0.001	ND	0.0088	0.001	ND	0.0078	0.00092	ND	0.011	0.0013	ND	0.014	0.0017
2,2-Dichloropropane	594-20-7	0.1		0	ND	0.0026	0.00026	ND	0.0018	0.00018	ND	0.0018	0.00018	ND	0.0016	0.00016	ND	0.0023	0.00023	ND	0.0028	0.00028
Diethyl ether	60-29-7	100		0	ND	0.0026	0.00044	ND	0.0018	0.0003	ND	0.0018	0.0003	ND	0.0016	0.00026	ND	0.0023	0.00038	ND	0.0028	0.00048
1,1,1,2-Tetrachloroethane	630-20-6	0.1		0	ND	0.00065	0.00017	ND	0.00044	0.00012	ND	0.00044	0.00012	ND	0.00039	0.0001	ND	0.00056	0.00015	ND	0.00071	0.00019
Ethyl-Tert-Butyl-Ether	637-92-3	NS		0	ND	0.0026	0.00017	ND	0.0018	0.00011	ND	0.0018	0.00011	ND	0.0016	0.0001	ND	0.0023	0.00014	ND	0.0028	0.00018
Acetone	67-64-1	6		0	ND	0.032	0.013	ND	0.022	0.0089	ND	0.022	0.0088	ND	0.019	0.0078	ND	0.028	0.011	ND	0.035	0.014
Chloroform	67-66-3	0.2		0	ND	0.002	0.00018	ND	0.0013	0.00012	ND	0.0013	0.00012	ND	0.0012	0.00011	ND	0.0017	0.00016	ND	0.0021	0.0002
Benzene	71-43-2	2	0.00	0.0037	ND	0.00065	0.00022	ND	0.00044	0.00015	ND	0.00044	0.00014	ND	0.00039	0.00013	ND	0.00056	0.00019	ND	0.00071	0.00023
1,1,1-Trichloroethane	71-55-6	30		0	ND	0.00065	0.00022	ND	0.00044	0.00015	ND	0.00044	0.00015	ND	0.00039	0.00013	ND	0.00056	0.00019	ND	0.00071	0.00024
Bromomethane	74-83-9	0.5	0.00	0.0012	ND	0.0026	0.00076	ND	0.0018	0.00052	ND	0.0018	0.00051	ND	0.0016	0.00045	ND	0.0023	0.00066	ND	0.0028	0.00082
Chloromethane	74-87-3	100		0	ND	0.0052	0.0012	ND	0.0036	0.00083	ND	0.0035	0.00082	ND	0.0031	0.00072	ND	0.0045	0.001	ND	0.0056	0.0013
Dibromomethane	74-95-3	500		0	ND	0.0026	0.00031	ND	0.0018	0.00021	ND	0.0018	0.00021	ND	0.0016	0.00018	ND	0.0023	0.00027	ND	0.0028	0.00034
Bromochloromethane	74-97-5	NS		0	ND	0.0026	0.00027	ND	0.0018	0.00018	ND	0.0018	0.00018	ND	0.0016	0.00016	ND	0.0023	0.00023	ND	0.0028	0.00029
Chloroethane	75-00-3	100		0	ND	0.0026	0.00059	ND	0.0018	0.0004	ND	0.0018	0.0004	ND	0.0016	0.00035	ND	0.0023	0.00051	ND	0.0028	0.00064
Vinyl chloride	75-01-4	0.7		0	ND	0.0013	0.00044	ND	0.00089	0.0003	ND	0.00088	0.00029	ND	0.00078	0.00026	ND	0.0011	0.00038	ND	0.0014	0.00047
Methylene chloride	75-09-2	0.1		0	ND	0.0065	0.003	ND	0.0044	0.002	ND	0.0044	0.002	ND	0.0039	0.0018	ND	0.0056	0.0026	ND	0.0071	0.0032
Carbon disulfide	75-15-0	100		0	ND	0.013	0.0014	ND	0.0089	0.00098	ND	0.0088	0.00096	ND	0.0078	0.00085	ND	0.011	0.0012	ND	0.014	0.0016
Bromoform	75-25-2	0.1		0	ND	0.0052	0.00032	ND	0.0036	0.00022	ND	0.0035	0.00022	ND	0.0031	0.00019	ND	0.0045	0.00028	ND	0.0056	0.00035
Bromodichloromethane	75-27-4	0.1		0	ND	0.00065	0.00014	ND	0.00044	0.0001	ND	0.00044	0.0001	ND	0.00039	0.00009	ND	0.00056	0.00012	ND	0.00071	0.00015
1,1-Dichloroethane	75-34-3	0.4		0	ND	0.0013	0.00019	ND	0.00089	0.00013	ND	0.00088	0.00013	ND	0.00078	0.00011	ND	0.0011	0.00016	ND	0.0014	0.0002
1,1-Dichloroethene	75-35-4	3		0	ND	0.0013	0.00031	ND	0.00089	0.00021	ND	0.00088	0.00021	ND	0.00078	0.00018	ND	0.0011	0.00027	ND	0.0014	0.00034
Trichlorofluoromethane	75-69-4	1000		0	ND	0.0052	0.0009	ND	0.0036	0.00062	ND	0.0035	0.00061	ND	0.0031	0.00054	ND	0.0045	0.00079	ND	0.0056	0.00098
Dichlorodifluoromethane	75-71-8	1000		0	ND	0.013	0.0012	ND	0.0089	0.00081	ND	0.0088	0.0008	ND	0.0078	0.00071	ND	0.011	0.001	ND	0.014	0.0013
1,2-Dichloropropane	78-87-5	0.1		0	ND	0.0013	0.00016	ND	0.00089	0.00011	ND	0.00088	0.00011	ND	0.00078	0.0001	ND	0.0011	0.00014	ND	0.0014	0.00018
Methyl ethyl ketone	78-93-3	4		0	ND	0.013	0.0029	ND	0.0089	0.002	ND	0.0088	0.0019	ND	0.0078	0.0017	ND	0.011	0.0025	ND	0.014	0.0031
1,1,2-Trichloroethane	79-00-5	0.1		0	ND	0.0013	0.00035	ND	0.00089	0.00024	ND	0.00088	0.00023	ND	0.00078	0.00021	ND	0.0011	0.0003	ND	0.0014	0.00038
Trichloroethene	79-01-6	0.3		0	ND	0.00065	0.00018	ND	0.00044	0.00012	ND	0.00044	0.00012	ND	0.00039	0.00011	ND	0.00056	0.00016	ND	0.00071	0.00019
1,1,2,2-Tetrachloroethane	79-34-5	0.005		0	ND	0.00065	0.00022	ND	0.00044	0.00015	ND	0.00044	0.00014	ND	0.00039	0.00013	ND	0.00056	0.00019	ND	0.00071	0.00023
1,2,3-Trichlorobenzene	87-61-6	NS		0	ND	0.0026	0.00042	ND	0.0018	0.00029	ND	0.0018	0.00028	ND	0.0016	0.00025	ND	0.0023	0.00036	ND	0.0028	0.00046
Hexachlorobutadiene	87-68-3	30		0	ND	0.0052	0.00022	ND	0.0036	0.00015	ND	0.0035	0.00015	ND	0.0031	0.00013	ND	0.0045	0.00019	ND	0.0056	0.00024
Naphthalene	91-20-3	4	0.47	3.2	ND	0.0052	0.00085	ND	0.0036	0.00058	ND	0.0035	0.00057	ND	0.0031	0.0005	ND	0.0045	0.00074	ND	0.0056	0.00092
o-Xylene	95-47-6	100	0.27	0.27	ND	0.0013	0.00038	ND	0.00089	0.00026	ND	0.00088	0.00025	ND	0.00078	0.00023	ND	0.0011	0.00033	ND	0.0014	0.00041
o-Chlorotoluene	95-49-8	100		0	ND	0.0026	0.00025	ND	0.0018	0.00017	ND	0.0018	0.00017	ND	0.0016	0.00015	ND	0.0023	0.00022	ND	0.0028	0.00027
1,2-Dichlorobenzene	95-50-1	9		0	ND	0.0026	0.00019	ND	0.0018	0.00013	ND	0.0018	0.00013	ND	0.0016	0.00011	ND	0.0023	0.00016	ND	0.0028	0.0002
1,2,4-Trimethylbenzene	95-63-6	1000	19.60	34	ND	0.0026	0.00044	ND	0.0018	0.0003	ND	0.0018	0.00029	ND	0.0016	0.00026	ND	0.0023	0.00038	ND	0.0028	0.00047
1,2-Dibromo-3-chloropropane	96-12-8	10		0	ND	0.0039	0.0013	ND	0.0027	0.00089	ND	0.0026	0.00087	ND	0.0023	0.00078	ND	0.0034	0.0011	ND	0.0042	0.0014
1,2,3-Trichloropropane	96-18-4	100		0	ND	0.0026	0.00016	ND	0.0018	0.00011	ND	0.0018	0.00011	ND	0.0016	0.0001	ND	0.0023	0.00014	ND	0.0028	0.00018
tert-Butylbenzene	98-06-6	100	0.27	0.47	ND	0.0026	0.00015	ND	0.0018	0.0001	ND	0.0018	0.0001	ND	0.0016	0.00009	ND	0.0023	0.00013	ND	0.0028	0.00017
Isopropylbenzene	98-82-8	1000	1.92	3.4	ND	0.0013	0.00014	ND	0.00089	0.0001	ND	0.00088	0.0001	ND	0.00078	0.00009	ND	0.0011	0.00012	ND	0.0014	0.00015
Tertiary-Amyl Methyl Ether	994-05-8	NS		0	ND	0.0026	0.00023	ND	0.0018	0.00016	ND	0.0018	0.00015	ND	0.0016	0.00014	ND	0.0023	0.0002	ND	0.0028	0.00025
p-Isopropyltoluene	99-87-6	100	1.83	4.7	ND	0.0013	0.00014	ND	0.00089	0.0001	ND	0.00088	0.0001	ND	0.00078	0.00009	ND	0.0011	0.00012	ND	0.0014	0.00015
SUM			5.57	83.09	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
MCP SEMIVOLATILE ORGANICS																						
1,2,4,5-Tetrachlorobenzene	95-94-3	1000		0	ND	0.19	0.02	ND	0.19	0.02	ND	0.2	0.021	ND	0.21	0.022	ND	0.2	0.021	ND	0.2	0.021
1,2,4-Trichlorobenzene	120-82-1	2		0	ND	0.19	0.022	ND	0.19	0.022	ND	0.2	0.023	ND	0.21	0.024	ND	0.2	0.023	ND	0.2	0.023
1,2-Dichlorobenzene	95-50-1	9		0	ND	0.19	0.035	ND	0.19	0.034	ND	0.2	0.036	ND	0.21	0.038	ND	0.2	0.036	ND	0.2	0.036
1,3-Dichlorobenzene	541-73-1	3		0	ND	0.19	0.033	ND	0.19	0.033	ND	0.2	0.034	ND	0.21	0.036	ND	0.2	0.034	ND	0.2	0.034
1,4-Dichlorobenzene	106-46-7	0.7		0	ND	0.081	0.034	ND	0.08	0.033	ND	0.083	0.034	ND	0.088	0.036	ND	0.084	0.035	ND	0.084	0.035
2,4,5-Trichlorophenol	95-95-4	4		0	ND	0.19	0.037	ND	0.19	0.036	ND	0.2	0.038	ND	0.21	0.04	ND	0.2	0.038	ND	0.2	0.038
2,4,6-Trichlorophenol	88-06-2	0.7		0	ND	0.081	0.037	ND	0.08	0.036	ND	0.083	0.038	ND	0.088	0.04	ND	0.084	0.038	ND	0.084	0.038
2,4-Dichlorophenol	120-83-2	0.7		0	ND	0.081	0.031	ND	0.08	0.03	ND	0.083	0.032	ND	0.088	0.034	ND	0.084	0.032	ND	0.084	0.032
2,4-Dimethylphenol	105-67-9	0.7		0	ND	0.081	0.064	ND	0.08	0.063	ND	0.083	0.065	ND	0.088	0.069	ND	0.084	0.066	ND	0.084	0.066
2,4-Dinitrophenol	51-28-5	3		0	ND	0.93	0.09	ND	0.91	0.088	ND	0.95	0.092	ND	1	0.098	ND	0.96	0.093	ND	0.96	0.093
2,4-Dinitrotoluene	121-14-2	0.7	0.07	0.066	ND	0.081	0.039	ND	0.08	0.038	ND	0.083	0.04	ND	0.088	0.042	ND	0.084	0.04	ND	0.084	0.04
2,6-Dinitrotoluene	606-20-2	100		0	ND	0.19	0.033	ND	0.19	0.032	ND	0.2	0.034	ND	0.21	0.036	ND	0.2	0.034	ND	0.2	0.034
2-Chloronaphthalene	91-58-7	1000		0	ND	0.19	0.019	ND	0.19	0.019	ND	0.2	0.02	ND	0.21	0.021	ND	0.2	0.02	ND	0.2	0.02
2-Chlorophenol	95-57-8	0.7		0	ND	0.081	0.023	ND	0.08	0.022	ND	0.083	0.023	ND	0.088	0.025	ND	0.084	0.024	ND	0.084	0.024
2-Methylnaphthalene	91-57-6	0.7	0.48	2.6	ND	0.081	0.023	ND	0.08	0.023	ND	0.083	0.024	ND	0.088	0.025	ND	0.084	0.024	ND	0.084	0.024
2-Methylphenol	95-48-7	500		0	ND	0.19	0.03	ND	0.19	0.029	ND	0.2	0.031	ND	0.21	0.032	ND	0.2	0.031	ND	0.2	0.031
2-Nitrophenol	88-75-5	100		0	ND	0.42	0.073	ND	0.41	0.071	ND	0.43	0.074	ND	0.45	0.079	ND	0.43	0.075	ND	0.43	0.075
3,3'-Dichlorobenzidine	91-94-1	3		0	ND	0.19	0.052	ND	0.19	0.05	ND	0.2	0.053	ND	0.21	0.056	ND	0.2	0.053	ND	0.2	0.053
3-Methylphenol/4-Methylphenol	108-39-4/	500	0.09	0.14	ND	0.28	0.03	ND	0.27	0.03	ND	0.28	0.031	ND	0.3	0.033	ND	0.29	0.031	ND	0.29	0.031
4,6-Dinitro-o-cresol	534-52-1	50		0																		
4-Bromophenyl phenyl ether	101-55-3	100		0	ND	0.19	0.03	ND	0.19	0.029	ND	0.2	0.03	ND	0.21	0.032	ND	0.2	0.03	ND	0.2	0.03
4-Chloroaniline	106-47-8	1		0	ND	0.19	0.035	ND	0.19	0.034	ND	0.2	0.036	ND	0.21	0.038	ND	0.2	0.036	ND	0.2	0.036
4-Chlorophenyl phenyl ether	7005-72-3	1000		0	ND	0.19	0.021	ND	0.19	0.02	ND	0.2	0.021	ND	0.21	0.022	ND	0.2	0.021	ND	0.2	0.021
4-Nitroaniline	100-01-6	1000		0	ND	0.19	0.08	ND	0.19	0.079	ND	0.2	0.082	ND	0.21	0.087	ND	0.2	0.083	ND	0.2	0.083
4-Nitrophenol	100-02-7	100		0	ND	0.27	0.079	ND	0.26	0.077	ND	0.28	0.081	ND	0.29	0.085	ND	0.28	0.082	ND	0.28	0.082
Acenaphthene	83-32-9	4	1.73	12	ND	0.16	0.02	ND	0.15	0.02	ND	0.16	0.02	ND	0.17	0.022	ND	0.16	0.021	ND	0.16	0.021
Acenaphthylene	208-96-8	1	0.72	3	ND	0.16	0.03	ND	0.15	0.029	ND	0.16	0.03	ND	0.17	0.032	ND	0.16	0.031	ND	0.16	0.031
Acetophenone	98-86-2	1000	0.06	0.063	ND	0.19	0.024	ND	0.19	0.024	ND	0.2	0.024	ND	0.21	0.026	ND	0.2	0.025	ND	0.2	0.025
Aniline	62-53-3	1000		0	ND	0.23	0.091	ND	0.23	0.09	ND	0.24	0.094	ND	0.25	0.099	ND	0.24	0.095	ND	0.24	0.094
Anthracene	120-12-7	1000	5.61	43	ND	0.12	0.038	ND	0.11	0.037	ND	0.12	0.039	ND	0.12	0.041	ND	0.12	0.039	ND	0.12	0.039
Azobenzene	103-33-3	NS		0	ND	0.19	0.019	ND	0.19	0.018	ND	0.2	0.019	ND	0.21	0.02	ND	0.2	0.019	ND	0.2	0.019
Benzidine	92-87-5	10		0	ND	0.64	0.21	ND	0.63	0.2	ND	0.65	0.21	ND	0.69	0.23	ND	0.66	0.22	ND	0.66	0.22
Benzo(a)anthracene	56-55-3	7	6.92	60	ND	0.12	0.022	ND	0.11	0.021	ND	0.12	0.022	ND	0.12	0.024	ND	0.12	0.022	ND	0.12	0.022
Benzo(a)pyrene	50-32-8	2	7.35	47	ND	0.16	0.047	0.052	0.15	0.046	ND	0.16	0.048	ND	0.17	0.051	ND	0.16	0.049	ND	0.16	0.049
Benzo(b)fluoranthene	205-99-2	7	7.71	58	ND	0.12	0.033	0.047	0.11	0.032	ND	0.12	0.033	ND	0.12	0.035	ND	0.12	0.034	ND	0.12	0.034
Benzo(ghi)perylene	191-24-2	1000	3.51	23	ND	0.16	0.023	0.046	0.15	0.022	ND	0.16	0.023	0.028	0.17	0.025	ND	0.16	0.024	0.026	0.16	0.024
Benzo(k)fluoranthene	207-08-9	70	2.58	16	ND	0.12	0.031	0.032	0.11	0.03	ND	0.12	0.032	ND	0.12	0.033	ND	0.12	0.032	ND	0.12	0.032
Benzoic Acid	65-85-0	1000		0	ND	0.63	0.2	ND	0.62	0.19	ND	0.64	0.2	ND	0.68	0.21	ND	0.65	0.2	ND	0.65	0.2
Bis(2-chloroethoxy)methane	111-91-1	500		0	ND	0.21	0.019	ND	0.2	0.019	ND	0.21	0.02	ND	0.22	0.021	ND	0.22	0.02	ND	0.22	0.02
Bis(2-chloroethyl)ether	111-44-4	0.7		0	ND	0.081	0.026	ND	0.08	0.026	ND	0.083	0.027	ND	0.088	0.028	ND	0.084	0.027	ND	0.084	0.027
Bis(2-chloroisopropyl)ether	108-60-1	0.7		0	ND	0.081	0.033	ND	0.08	0.032	ND	0.083	0.034	ND	0.088	0.036	ND	0.084	0.034	ND	0.084	0.034
Bis(2-ethylhexyl)phthalate	117-81-7	90	0.20	0.28	ND	0.19	0.067	ND	0.19	0.066	ND	0.2	0.068	ND	0.21	0.072	ND	0.2	0.069	ND	0.2	0.069
Butyl benzyl phthalate	85-68-7	100		0	ND	0.19	0.049	ND	0.19	0.048	ND	0.2	0.05	ND	0.21	0.053	ND	0.2	0.05	ND	0.2	0.05
Chrysene	218-01-9	70	6.14	48	ND	0.12	0.02	ND	0.11	0.02	ND	0.12	0.021	ND	0.12	0.022	ND	0.12	0.021	ND	0.12	0.021
Dibenzo(a,h)anthracene	53-70-3	0.7	0.95	5.9	ND	0.081	0.022	0.031	0.08	0.022	ND	0.083	0.023	ND	0.088	0.024	ND	0.084	0.023	ND	0.084	0.023
Dibenzofuran	132-64-9	100	1.40	11	ND	0.19	0.018	ND	0.19	0.018	ND	0.2	0.019	ND	0.21	0.02	ND	0.2	0.019	ND	0.2	0.019
Diethyl phthalate	84-66-2	10		0	ND	0.19	0.018	ND	0.19	0.018	ND	0.2	0.018	ND	0.21	0.019	ND	0.2	0.018	ND	0.2	0.018
Dimethyl phthalate	131-11-3	0.7	0.18	0.18	ND	0.081	0.041	ND	0.08	0.04	ND	0.083	0.042	ND	0.088	0.044	ND	0.084	0.042	ND	0.084	0.042
Di-n-butylphthalate	84-74-2	50	0.05	0.053	ND	0.19	0.037	ND	0.19	0.036	ND	0.2	0.038	ND	0.21	0.04	ND	0.2	0.038	ND	0.2	0.038
Di-n-octylphthalate	117-84-0	1000		0	ND	0.19	0.066	ND	0.19	0.064	ND	0.2	0.067	ND	0.21	0.071	ND	0.2	0.068	ND	0.2	0.068
Fluoranthene	206-44-0	1000	14.79	120	ND	0.12	0.022	ND	0.11	0.022	ND	0.12	0.023	ND	0.12	0.024	ND	0.12	0.023	ND	0.12	0.023
Fluorene	86-73-7	1000	1.69	12	ND	0.19	0.019	ND	0.19	0.018	ND	0.2	0.019	ND	0.21	0.02	ND	0.2	0.019	ND	0.2	0.019
Hexachlorobenzene	118-74-1	0.7		0	ND	0.081	0.022	ND	0.08	0.021	ND	0.083	0.022	ND	0.088	0.023	ND	0.084	0.022	ND	0.084	0.022
Hexachlorobutadiene	87-68-3	30		0	ND	0.19	0.028	ND	0.19	0.028	ND	0.2	0.029	ND	0.21	0.031	ND	0.2	0.029	ND	0.2	0.029
Hexachlorocyclopentadiene	77-47-4	50		0	ND	0.55	0.18	ND	0.54	0.17	ND	0.57	0.18	ND	0.6	0.19	ND	0.57	0.18	ND	0.57	0.18
Hexachloroethane	67-72-1	0.7		0	ND	0.081	0.031	ND	0.08	0.031	ND	0.083	0.032	ND	0.088	0.034	ND	0.084	0.032	ND	0.084	0.032
Indeno(1,2,3-cd)pyrene	193-39-5	7	4.01	25	ND	0.16	0.027	0.035	0.15	0.026	ND	0.16	0.028	ND	0.17	0.029	ND	0.16	0.028	ND	0.16	0.028
Isophorone	78-59-1	100		0	ND	0.17	0.025	ND	0.17	0.025	ND	0.18	0.026	ND	0.19	0.027	ND	0.18	0.026	ND	0.18	0.026
Naphthalene	91-20-3	4	0.58	2.6	ND	0.19	0.024	ND	0.19	0.023	ND	0.2	0.024	ND	0.21	0.025	ND	0.2	0.024	ND	0.2	0.024
NDPA/DPA	86-30-6	100		0	ND	0.16	0.022	ND	0.15	0.022	ND	0.16	0.022	ND	0.17	0.024	ND	0.16	0.023	ND	0.16	0.023
Nitrobenzene	98-95-3	500		0	ND	0.17	0.029	ND	0.17	0.028	ND	0.18	0.029	ND	0.19	0.031	ND	0.18	0.03	ND	0.18	0.03
n-Nitrosodimethylamine	62-75-9	50		0	ND	0.39	0.037	ND	0.38	0.036	ND	0.4	0.038	ND	0.42	0.04	ND	0.4	0.038	ND	0.4	0.038
n-Nitrosodi-n-propylamine	621-64-7	50		0	ND	0.19	0.03	ND	0.19	0.029	ND	0.2	0.03	ND	0.21	0.032	ND	0.2	0.031	ND	0.2	0.031
p-Chloro-m-cresol	59-50-7	1000		0	ND	0.19	0.029	ND	0.19	0.028	ND	0.2	0.03	ND	0.21	0.031	ND	0.2	0.03	ND	0.2	0.03
Pentachloronitrobenzene	82-68-8	100		0	ND	0.19	0.033	ND	0.19	0.032	ND	0.2	0.034	ND	0.21	0.036	ND	0.2	0.034	ND	0.2	0.034
Pentachlorophenol	87-86-5	3		0	ND	0.39	0.043	ND	0.38	0.042	ND	0.4	0.044	ND	0.42	0.046	ND	0.4	0.044	ND	0.4	0.044
Phenanthrene	85-01-8	10	12.24	110	ND	0.12	0.024	ND	0.11	0.023	ND	0.12	0.024	ND	0.12	0.025	ND	0.12	0.024	ND	0.12	0.024
Phenol	108-95-2	1	0.05	0.076	ND	0.19	0.029	ND	0.19	0.029	ND	0.2	0.03	ND	0.21	0.032	ND	0.2	0.03	ND	0.2	0.03
Pyrene	129-00-0	1000	12.71	100	ND	0.12	0.019	ND	0.11	0.019	ND	0.12	0.02	ND	0.12	0.021	ND	0.12	0.02	ND	0.12	0.02
Pyridine	110-86-1	500		0	ND	0.21	0.074	ND	0.2	0.072	ND	0.21	0.075	ND	0.22	0.08	ND	0.22	0.076	ND	0.22	0.076
Total SVOCs			53.91	699.1	0	-	-	0.243	-	-	0	-	-	0.028	-	-	0	-	-	0.026	-	-

Table 2 -
FSL Soil Results
372 Cambridge Street, Boston MA

	SAMPLE ID:		372 Cambridge Street Average Concentration	372 Cambridge Street Max Concentration	FSL-10 5'-10'			FSL-11 0'-5'			FSL-11 5'-10'			FSL-12 0'-5'			FSL-12 5'-10'			FSL-13 0'-5'		
	LAB ID:				L2048332-16			L2048332-06			L2048332-14			L2048332-03			L2048332-11			L2048332-01		
	COLLECTION DATE				11/3/2020			11/3/2020			11/3/2020			11/3/2020			11/3/2020			11/3/2020		
	RCS-1-14																					
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	RL	MDL	Conc	RL	MDL	Conc	RL	MDL	Conc	RL	MDL	Conc	RL	MDL	Conc	RL	MDL
MCP POLYCHLORINATED BIPHENYLS																						
Aroclor 1016	12674-11-	1		0	ND	0.0382	0.0382	ND	0.0364	0.0364	ND	0.0398	0.0398	ND	0.0414	0.0414	ND	0.039	0.039	ND	0.04	0.04
Aroclor 1221	11104-28-	1		0	ND	0.0382	0.0382	ND	0.0364	0.0364	ND	0.0398	0.0398	ND	0.0414	0.0414	ND	0.039	0.039	ND	0.04	0.04
Aroclor 1232	11141-16-	1		0	ND	0.0382	0.0382	ND	0.0364	0.0364	ND	0.0398	0.0398	ND	0.0414	0.0414	ND	0.039	0.039	ND	0.04	0.04
Aroclor 1242	53469-21-	1		0	ND	0.0382	0.0382	ND	0.0364	0.0364	ND	0.0398	0.0398	ND	0.0414	0.0414	ND	0.039	0.039	ND	0.04	0.04
Aroclor 1248	12672-29-	1		0	ND	0.0382	0.0382	ND	0.0364	0.0364	ND	0.0398	0.0398	ND	0.0414	0.0414	ND	0.039	0.039	ND	0.04	0.04
Aroclor 1254	11097-69-	1	0.04	0.0397	ND	0.0382	0.0382	ND	0.0364	0.0364	ND	0.0398	0.0398	ND	0.0414	0.0414	ND	0.039	0.039	ND	0.04	0.04
Aroclor 1260	11096-82-	1	0.07	0.088	ND	0.0382	0.0382	ND	0.0364	0.0364	ND	0.0398	0.0398	ND	0.0414	0.0414	ND	0.039	0.039	ND	0.04	0.04
Aroclor 1262	37324-23-	1		0	ND	0.0382	0.0382	ND	0.0364	0.0364	ND	0.0398	0.0398	ND	0.0414	0.0414	ND	0.039	0.039	ND	0.04	0.04
Aroclor 1268	11100-14-	1		0	ND	0.0382	0.0382	ND	0.0364	0.0364	ND	0.0398	0.0398	ND	0.0414	0.0414	ND	0.039	0.039	ND	0.04	0.04
PCBs, Total	1336-36-3	1	0.09	0.088	ND	0.0382	0.0382	ND	0.0364	0.0364	ND	0.0398	0.0398	ND	0.0414	0.0414	ND	0.039	0.039	ND	0.04	0.04
PETROLEUM HYDROCARBON QUANTITATION																						
TPH (C10-C36)	NONE	1000	595.55	3150	ND	39.9	4.59	ND	37.6	4.33	ND	40.1	4.61	ND	40.3	4.64	ND	40.5	4.66	ND	38.6	4.44
MCP TOTAL METALS																						
Antimony, Total	7440-36-0	20	1.76	4.79	0.939	2.36	0.179	0.738	2.16	0.164	0.878	2.3	0.175	0.805	2.5	0.19	0.604	2.4	0.182	0.605	2.29	0.174
Arsenic, Total	7440-38-2	20	5.54	16.2	5.35	0.472	0.098	4.89	0.432	0.09	5.15	0.46	0.096	3.74	0.5	0.104	3.08	0.479	0.1	2.98	0.458	0.095
Barium, Total	7440-39-3	1000	53.56	398	84.8	0.472	0.082	42	0.432	0.075	45.4	0.46	0.08	26.5	0.5	0.087	12.8	0.479	0.083	20.9	0.458	0.08
Beryllium, Total	7440-41-7	90	0.22	0.546	ND	0.236	0.016	ND	0.216	0.014	ND	0.23	0.015	ND	0.25	0.017	ND	0.24	0.016	ND	0.229	0.015
Cadmium, Total	7440-43-9	70	0.83	3.88	ND	0.472	0.046	ND	0.432	0.042	ND	0.46	0.045	ND	0.5	0.049	ND	0.479	0.047	ND	0.458	0.045
Chromium, Total	7440-47-3	100	14.88	37.8	24.1	0.472	0.045	20.6	0.432	0.041	22	0.46	0.044	16.4	0.5	0.048	13	0.479	0.046	11.8	0.458	0.044
Lead, Total	7439-92-1	200	143.67	1640	8.77	2.36	0.126	5.79	2.16	0.116	5.85	2.3	0.123	5.21	2.5	0.134	3.94	2.4	0.128	4.31	2.29	0.123
Mercury, Total	7439-97-6	20	1.44	10.9	ND	0.086	0.086	ND	0.084	0.084	ND	0.088	0.088	ND	0.092	0.092	ND	0.089	0.089	ND	0.089	0.089
Nickel, Total	7440-02-0	600	12.33	26.6	20.2	1.18	0.114	11.5	1.08	0.104	15.4	1.15	0.111	10.9	1.25	0.121	8.37	1.2	0.116	8.13	1.15	0.111
Selenium, Total	7782-49-2	400	0.40	1.81	2.79	2.36	0.122	2.42	2.16	0.111	1.95	2.3	0.118	1.89	2.5	0.129	1.12	2.4	0.124	1.47	2.29	0.118
Silver, Total	7440-22-4	100	1.18	1.18	ND	0.472	0.134	ND	0.432	0.122	ND	0.46	0.13	ND	0.5	0.141	ND	0.479	0.136	ND	0.458	0.13
Thallium, Total	7440-28-0	8	0.42	0.807	ND	2.36	0.149	ND	2.16	0.136	ND	2.3	0.145	ND	2.5	0.157	ND	2.4	0.151	ND	2.29	0.144
Vanadium, Total	7440-62-2	400	22.70	51	32.9	0.472	0.096	32.9	0.432	0.088	29	0.46	0.093	26.4	0.5	0.101	17.4	0.479	0.097	19.2	0.458	0.093
Zinc, Total	7440-66-6	1000	125.26	1580	51.4	2.36	0.138	25.6	2.16	0.126	37.4	2.3	0.135	31.3	2.5	0.146	23	2.4	0.14	23.8	2.29	0.134
TCLP (mg/L)																						
Lead		5	9.84	35.8	NT	-	-	NT	-	-	NT	-	-	NT	-	-	NT	-	-	NT	-	-
Mercury, Total		0.2		0	NT	-	-	NT	-	-	NT	-	-	NT	-	-	NT	-	-	NT	-	-
GENERAL CHEMISTRY																						
pH (H)	12408-02-		8.13	11	6.4	0	NA	8.8	0	NA	7.2	0	NA	7.6	0	NA	7.1	0	NA	7.3	0	NA
Cyanide, Reactive	57-12-5			0	ND	10	10	ND	10	10	ND	10	10	ND	10	10	ND	10	10	ND	10	10
Solids, Total	NONE		91.07	95.7	83.4	0.1	NA	87.1	0.1	NA	83	0.1	NA	78.5	0.1	NA	81.5	0.1	NA	82	0.1	NA
Specific Conductance @ 25 C	NONE		58.66	340	94	10	10	100	10	10	43	10	10	24	10	10	73	10	10	100	10	10
Sulfide, Reactive	NONE			0	ND	10	10	ND	10	10	ND	10	10	ND	10	10	ND	10	10	ND	10	10
IGNITABILITY OF SOLIDS																						
Ignitability	NONE			0	NI	0	NA	NI	0	NA	NI	0	NA	NI	0	NA	NI	0	NA	NI	0	NA
MCP GENERAL CHEMISTRY																						
Cyanide, Total	57-12-5	30	1.20	1.2	ND	1.2	1.2	ND	1.1	1.1	ND	1.2	1.2	ND	1.2	1.2	ND	1.1	1.1	ND	1.2	1.2

* Comparison is not performed on parameters with non-numeric criteria.
J - Concentration of analyte is below the Method RL, estimated value
U - Not detected at the reported detection limit for the sample.

RCS-1-14: MCP 2014 RCS-1 Reportable Concentrations Criteria effective April 25, 2014.
NS - No Standard
NI - Not Ignitable
ND - Not Detected
NC - No DFAC Value
NA - Not Analyzed/Not Applicable
Analytes detected at levels above RCS-1
Analytes Detected above Winchendon Acceptance Values
Analyte Laboratory Reporting Limits above RCS-1 Values

Table 2 -
FSL Soil Results
372 Cambridge Street, Boston MA

	SAMPLE ID:		372 Cambridge Street Average Concentration	372 Cambridge Street Max Concentration	FSL-13 5'-10'			FSL-14 0'-5'			FSL-14 5'-10'			FSL-15 0'-5'			FSL-15 5'-10'			FSL-16 0'-5'		
	LAB ID:				L2048332-09			L2048332-07			L2048332-15			L2048332-05			L2048332-13			L2048332-04		
	COLLECTION DATE:				11/3/2020			11/3/2020			11/3/2020			11/3/2020			11/3/2020			11/3/2020		
		RCS-1-14																				
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	RL	MDL	Conc	RL	MDL	Conc	RL	MDL	Conc	RL	MDL	Conc	RL	MDL	Conc	RL	MDL
FIELD SCREENING																						
TVOCs						0			0			0			0			0			0	
MCP VOLATILE ORGANICS BY EPA 5035																						
Ethylbenzene	100-41-4	40	0.23	0.45	ND	0.00075	0.0001	ND	0.00077	0.00011	ND	0.00082	0.00012	ND	0.001	0.00015	ND	0.00083	0.00012	ND	0.00063	0.00009
Styrene	100-42-5	3		0	ND	0.00075	0.00015	ND	0.00077	0.00015	ND	0.00082	0.00016	ND	0.001	0.00021	ND	0.00083	0.00016	ND	0.00063	0.00012
cis-1,3-Dichloropropene	10061-01-	0.01		0	ND	0.00038	0.00012	ND	0.00039	0.00012	ND	0.00041	0.00013	ND	0.00053	0.00017	ND	0.00041	0.00013	ND	0.00031	0.0001
trans-1,3-Dichloropropene	10061-02-	0.01		0	ND	0.00075	0.0002	ND	0.00077	0.00021	ND	0.00082	0.00022	ND	0.001	0.00029	ND	0.00083	0.00023	ND	0.00063	0.00017
n-Propylbenzene	103-65-1	100	2.65	4.6	ND	0.00075	0.00013	ND	0.00077	0.00013	ND	0.00082	0.00014	ND	0.001	0.00018	ND	0.00083	0.00014	ND	0.00063	0.00011
n-Butylbenzene	104-51-8	NS	1.66	2.9	ND	0.00075	0.00012	ND	0.00077	0.00013	ND	0.00082	0.00014	ND	0.001	0.00018	ND	0.00083	0.00014	ND	0.00063	0.0001
p-Chlorotoluene	106-43-4	10		0	ND	0.0015	0.00008	ND	0.0015	0.00008	ND	0.0016	0.00009	ND	0.0021	0.00011	ND	0.0016	0.00009	ND	0.0012	0.00007
1,4-Dichlorobenzene	106-46-7	0.7		0	ND	0.0015	0.00013	ND	0.0015	0.00013	ND	0.0016	0.00014	ND	0.0021	0.00018	ND	0.0016	0.00014	ND	0.0012	0.00011
1,2-Dibromoethane	106-93-4	0.1		0	ND	0.00075	0.00021	ND	0.00077	0.00022	ND	0.00082	0.00023	ND	0.001	0.00029	ND	0.00083	0.00023	ND	0.00063	0.00018
1,2-Dichloroethane	107-06-2	0.1		0	ND	0.00075	0.00019	ND	0.00077	0.0002	ND	0.00082	0.00021	ND	0.001	0.00027	ND	0.00083	0.00021	ND	0.00063	0.00016
Acrylonitrile	107-13-1	100		0	ND	0.003	0.00086	ND	0.0031	0.00089	ND	0.0033	0.00094	ND	0.0042	0.0012	ND	0.0033	0.00095	ND	0.0025	0.00072
Methyl isobutyl ketone	108-10-1	0.4		0	ND	0.0075	0.00096	ND	0.0077	0.00099	ND	0.0082	0.001	ND	0.01	0.0013	ND	0.0083	0.001	ND	0.0063	0.0008
Diisopropyl Ether	108-20-3	100		0	ND	0.0015	0.00016	ND	0.0015	0.00016	ND	0.0016	0.00017	ND	0.0021	0.00022	ND	0.0016	0.00018	ND	0.0012	0.00013
1,3,5-Trimethylbenzene	108-67-8	10	4.88	17	ND	0.0015	0.00014	ND	0.0015	0.00015	ND	0.0016	0.00016	ND	0.0021	0.0002	ND	0.0016	0.00016	ND	0.0012	0.00012
Bromobenzene	108-86-1	100		0	ND	0.0015	0.00011	ND	0.0015	0.00011	ND	0.0016	0.00012	ND	0.0021	0.00015	ND	0.0016	0.00012	ND	0.0012	0.00009
Toluene	108-88-3	30	0.00	0.0007	ND	0.00075	0.00041	ND	0.00077	0.00042	ND	0.00082	0.00044	ND	0.001	0.00057	ND	0.00083	0.00045	ND	0.00063	0.00034
Chlorobenzene	108-90-7	1		0	ND	0.00038	0.0001	ND	0.00039	0.0001	ND	0.00041	0.0001	ND	0.00053	0.00013	ND	0.00041	0.0001	ND	0.00031	0.00008
Tetrahydrofuran	109-99-9	500		0	ND	0.003	0.0012	ND	0.0031	0.0012	ND	0.0033	0.0013	ND	0.0042	0.0017	ND	0.0033	0.0013	ND	0.0025	0.001
1,2,4-Trichlorobenzene	120-82-1	2		0	ND	0.0015	0.0002	ND	0.0015	0.00021	ND	0.0016	0.00022	ND	0.0021	0.00029	ND	0.0016	0.00022	ND	0.0012	0.00017
1,4-Dioxane	123-91-1	0.2		0	ND	0.06	0.026	ND	0.062	0.027	ND	0.065	0.029	ND	0.084	0.037	ND	0.066	0.029	ND	0.05	0.022
Dibromochloromethane	124-48-1	0.005		0	ND	0.00075	0.0001	ND	0.00077	0.00011	ND	0.00082	0.00011	ND	0.001	0.00015	ND	0.00083	0.00012	ND	0.00063	0.00009
Tetrachloroethene	127-18-4	1	0.00	0.0024	ND	0.00038	0.00015	ND	0.00039	0.00015	ND	0.00041	0.00016	ND	0.00053	0.00021	ND	0.00041	0.00016	ND	0.00031	0.00012
sec-Butylbenzene	135-98-8	NS	1.51	2.6	ND	0.00075	0.00011	ND	0.00077	0.00011	ND	0.00082	0.00012	ND	0.001	0.00015	ND	0.00083	0.00012	ND	0.00063	0.00009
1,3-Dichloropropane	142-28-9	500		0	ND	0.0015	0.00012	ND	0.0015	0.00013	ND	0.0016	0.00014	ND	0.0021	0.00018	ND	0.0016	0.00014	ND	0.0012	0.0001
cis-1,2-Dichloroethene	156-59-2	0.1		0	ND	0.00075	0.00013	ND	0.00077	0.00014	ND	0.00082	0.00014	ND	0.001	0.00018	ND	0.00083	0.00014	ND	0.00063	0.00011
trans-1,2-Dichloroethene	156-60-5	1		0	ND	0.0011	0.0001	ND	0.0012	0.0001	ND	0.0012	0.00011	ND	0.0016	0.00014	ND	0.0012	0.00011	ND	0.00094	0.00009
Methyl tert butyl ether	1634-04-4	0.1		0	ND	0.0015	0.00015	ND	0.0015	0.00016	ND	0.0016	0.00016	ND	0.0021	0.00021	ND	0.0016	0.00017	ND	0.0012	0.00013
p/m-Xylene	179601-23	100	2.44	4.6	ND	0.0015	0.00042	ND	0.0015	0.00043	ND	0.0016	0.00046	ND	0.0021	0.00059	ND	0.0016	0.00046	ND	0.0012	0.00035
1,3-Dichlorobenzene	541-73-1	3		0	ND	0.0015	0.00011	ND	0.0015	0.00011	ND	0.0016	0.00012	ND	0.0021	0.00016	ND	0.0016	0.00012	ND	0.0012	0.00009
1,3-Dichloropropene, Total	542-75-6	0.01		0	ND	0.00038	0.00012	ND	0.00039	0.00012	ND	0.00041	0.00013	ND	0.00053	0.00017	ND	0.00041	0.00013	ND	0.00031	0.0001
Carbon tetrachloride	56-23-5	5		0	ND	0.00075	0.00017	ND	0.00077	0.00018	ND	0.00082	0.00019	ND	0.001	0.00024	ND	0.00083	0.00019	ND	0.00063	0.00014
1,1-Dichloropropene	563-58-6	0.1		0	ND	0.00038	0.00012	ND	0.00039	0.00012	ND	0.00041	0.00013	ND	0.00053	0.00017	ND	0.00041	0.00013	ND	0.00031	0.0001
2-Hexanone	591-78-6	100		0	ND	0.0075	0.00088	ND	0.0077	0.00091	ND	0.0082	0.00096	ND	0.01	0.0012	ND	0.0083	0.00098	ND	0.0063	0.00074
2,2-Dichloropropane	594-20-7	0.1		0	ND	0.0015	0.00015	ND	0.0015	0.00016	ND	0.0016	0.00016	ND	0.0021	0.00021	ND	0.0016	0.00017	ND	0.0012	0.00013
Diethyl ether	60-29-7	100		0	ND	0.0015	0.00026	ND	0.0015	0.00026	ND	0.0016	0.00028	ND	0.0021	0.00036	ND	0.0016	0.00028	ND	0.0012	0.00021
1,1,1,2-Tetrachloroethane	630-20-6	0.1		0	ND	0.00038	0.0001	ND	0.00039	0.0001	ND	0.00041	0.00011	ND	0.00053	0.00014	ND	0.00041	0.00011	ND	0.00031	0.00008
Ethyl-Tert-Butyl-Ether	637-92-3	NS		0	ND	0.0015	0.0001	ND	0.0015	0.0001	ND	0.0016	0.0001	ND	0.0021	0.00013	ND	0.0016	0.0001	ND	0.0012	0.00008
Acetone	67-64-1	6		0	ND	0.019	0.0075	ND	0.019	0.0077	ND	0.02	0.0082	ND	0.026	0.01	ND	0.021	0.0083	ND	0.016	0.0063
Chloroform	67-66-3	0.2		0	ND	0.0011	0.0001	ND	0.0012	0.00011	ND	0.0012	0.00011	ND	0.0016	0.00015	ND	0.0012	0.00012	ND	0.00094	0.00009
Benzene	71-43-2	2	0.00	0.0037	ND	0.00038	0.00012	ND	0.00039	0.00013	ND	0.00041	0.00014	ND	0.00053	0.00017	ND	0.00041	0.00014	ND	0.00031	0.0001
1,1,1-Trichloroethane	71-55-6	30		0	ND	0.00038	0.00012	ND	0.00039	0.00013	ND	0.00041	0.00014	ND	0.00053	0.00018	ND	0.00041	0.00014	ND	0.00031	0.0001
Bromomethane	74-83-9	0.5	0.00	0.0012	ND	0.0015	0.00044	ND	0.0015	0.00045	ND	0.0016	0.00047	ND	0.0021	0.00061	ND	0.0016	0.00048	ND	0.0012	0.00036
Chloromethane	74-87-3	100		0	ND	0.003	0.0007	ND	0.0031	0.00072	ND	0.0033	0.00076	ND	0.0042	0.00098	ND	0.0033	0.00077	ND	0.0025	0.00058
Dibromomethane	74-95-3	500		0	ND	0.0015	0.00018	ND	0.0015	0.00018	ND	0.0016	0.00019	ND	0.0021	0.00025	ND	0.0016	0.0002	ND	0.0012	0.00015
Bromochloromethane	74-97-5	NS		0	ND	0.0015	0.00015	ND	0.0015	0.00016	ND	0.0016	0.00017	ND	0.0021	0.00022	ND	0.0016	0.00017	ND	0.0012	0.00013
Chloroethane	75-00-3	100		0	ND	0.0015	0.00034	ND	0.0015	0.00035	ND	0.0016	0.00037	ND	0.0021	0.00048	ND	0.0016	0.00037	ND	0.0012	0.00028
Vinyl chloride	75-01-4	0.7		0	ND	0.00075	0.00025	ND	0.00077	0.00026	ND	0.00082	0.00027	ND	0.001	0.00035	ND	0.00083	0.00028	ND	0.00063	0.00021
Methylene chloride	75-09-2	0.1		0	ND	0.0038	0.0017	ND	0.0039	0.0018	ND	0.0041	0.0019	ND	0.0053	0.0024	ND	0.0041	0.0019	ND	0.0031	0.0014
Carbon disulfide	75-15-0	100		0	ND	0.0075	0.00082	ND	0.0077	0.00085	ND	0.0082	0.0009	ND	0.01	0.0012	ND	0.0083	0.00091	ND	0.0063	0.00069
Bromoform	75-25-2	0.1		0	ND	0.003	0.00018	ND	0.0031	0.00019	ND	0.0033	0.0002	ND	0.0042	0.00026	ND	0.0033	0.0002	ND	0.0025	0.00015
Bromodichloromethane	75-27-4	0.1		0	ND	0.00038	0.00008	ND	0.00039	0.00008	ND	0.00041	0.00009	ND	0.00053	0.00011	ND	0.00041	0.00009	ND	0.00031	0.00007
1,1-Dichloroethane	75-34-3	0.4		0	ND	0.00075	0.00011	ND	0.00077	0.00011	ND	0.00082	0.00012	ND	0.001	0.00015	ND	0.00083	0.00012	ND	0.00063	0.00009
1,1-Dichloroethene	75-35-4	3		0	ND	0.00075	0.00018	ND	0.00077	0.00018	ND	0.00082	0.00019	ND	0.001	0.00025	ND	0.00083	0.0002	ND	0.00063	0.00015
Trichlorofluoromethane	75-69-4	1000		0	ND	0.003	0.00052	ND	0.0031	0.00054	ND	0.0033	0.00057	ND	0.0042	0.00073	ND	0.0033	0.00058	ND	0.0025	0.00044
Dichlorodifluoromethane	75-71-8	1000		0	ND	0.0075	0.00069	ND	0.0077	0.00071	ND	0.0082	0.00075	ND	0.01	0.00096	ND	0.0083	0.00076	ND	0.0063	0.00057
1,2-Dichloropropane	78-87-5	0.1		0	ND	0.00075	0.00009	ND	0.00077	0.0001	ND	0.00082	0.0001	ND	0.001	0.00013	ND	0.00083	0.0001	ND	0.00063	0.00008
Methyl ethyl ketone	78-93-3	4		0	ND	0.0075	0.0017	ND	0.0077	0.0017	ND	0.0082	0.0018	ND	0.01	0.0023	ND	0.0083	0.0018	ND	0.0063	0.0014
1,1,2-Trichloroethane	79-00-5	0.1		0	ND	0.00075	0.0002	ND	0.00077	0.00021	ND	0.00082	0.00022	ND	0.001	0.00028	ND	0.00083	0.00022	ND	0.00063	0.00017
Trichloroethene	79-01-6	0.3		0	ND	0.00038	0.0001	ND	0.00039	0.0001	ND	0.00041	0.00011	ND	0.00053	0.00014	ND	0.00041	0.00011	ND	0.00031	0.00009
1,1,2,2-Tetrachloroethane	79-34-5	0.005		0	ND	0.00038	0.00012	ND	0.00039	0.00013	ND	0.00041	0.00014	ND	0.00053	0.00017	ND	0.00041	0.00014	ND	0.00031	0.0001
1,2,3-Trichlorobenzene	87-61-6	NS		0	ND	0.0015	0.00024	ND	0.0015	0.00025	ND	0.0016	0.00026	ND	0.0021	0.00034	ND	0.0016	0.00027	ND	0.0012	0.0002
Hexachlorobutadiene	87-68-3	30		0	ND	0.003	0.00013	ND	0.0031	0.00013	ND	0.0033	0.00014	ND	0.0042	0.00018	ND	0.0033	0.00014	ND	0.0025	0.00011
Naphthalene	91-20-3	4	0.47	3.2	ND	0.003	0.00049	ND	0.0031	0.0005	ND	0.0033	0.00053	ND	0.0042	0.00068	ND	0.0033	0.00054	ND	0.0025	0.00041
o-Xylene	95-47-6	100	0.27	0.27	ND	0.00075	0.00022	ND	0.00077	0.00022	ND	0.00082	0.00024	ND	0.001	0.00031	ND	0.00083	0.00024	ND	0.00063	0.00018
o-Chlorotoluene	95-49-8	100		0	ND	0.0015	0.00014	ND	0.0015	0.00015	ND	0.0016	0.00016	ND	0.0021	0.0002	ND	0.0016	0.00016	ND	0.0012	0.00012
1,2-Dichlorobenzene	95-50-1	9		0	ND	0.0015	0.00011	ND	0.0015	0.00011	ND	0.0016	0.00012	ND	0.0021	0.00015	ND	0.0016	0.00012	ND	0.0012	0.00009
1,2,4-Trimethylbenzene	95-63-6	1000	19.60	34	ND	0.0015	0.00025	ND	0.0015	0.00026	ND	0.0016	0.00027	ND	0.0021	0.00035	ND	0.0016	0.00028	ND	0.0012	0.00021
1,2-Dibromo-3-chloropropane	96-12-8	10		0	ND	0.0022	0.00075	ND	0.0023	0.00077	ND	0.0024	0.00082	ND	0.0032	0.001	ND	0.0025	0.00083	ND	0.0019	0.00063
1,2,3-Trichloropropane	96-18-4	100		0	ND	0.0015	0.0001	ND	0.0015	0.0001	ND	0.0016	0.0001	ND	0.0021	0.00013	ND	0.0016	0.0001	ND	0.0012	0.00008
tert-Butylbenzene	98-06-6	100	0.27	0.47	ND	0.0015	0.00009	ND	0.0015	0.00009	ND	0.0016	0.0001	ND	0.0021	0.00012	ND	0.0016	0.0001	ND	0.0012	0.00007
Isopropylbenzene	98-82-8	1000	1.92	3.4	ND	0.00075	0.00008	ND	0.00077	0.00008	ND	0.00082	0.00009	ND	0.001	0.00011	ND	0.00083	0.00009	ND	0.00063	0.00007
Tertiary-Amyl Methyl Ether	994-05-8	NS		0	ND	0.0015	0.00013	ND	0.0015	0.00014	ND	0.0016	0.00014	ND	0.0021	0.00018	ND	0.0016	0.00014	ND	0.0012	0.00011
p-Isopropyltoluene	99-87-6	100	1.83	4.7	ND	0.00075	0.00008	ND	0.00077	0.00008	ND	0.00082	0.00009	ND	0.001	0.00011	ND	0.00083	0.00009	ND	0.00063	0.00007
SUM			5.57	83.09	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
MCP SEMIVOLATILE ORGANICS																						
1,2,4,5-Tetrachlorobenzene	95-94-3	1000		0	ND	0.21	0.022	ND	0.18	0.018	ND	0.18	0.019	ND	0.18	0.019	ND	0.18	0.019	ND	0.17	0.018
1,2,4-Trichlorobenzene	120-82-1	2		0	ND	0.21	0.024	ND	0.18	0.02	ND	0.18	0.02	ND	0.18	0.021	ND	0.18	0.021	ND	0.17	0.02
1,2-Dichlorobenzene	95-50-1	9		0	ND	0.21	0.037	ND	0.18	0.032	ND	0.18	0.032	ND	0.18	0.033	ND	0.18	0.033	ND	0.17	0.031
1,3-Dichlorobenzene	541-73-1	3		0	ND	0.21	0.036	ND	0.18	0.03	ND	0.18	0.031	ND	0.18	0.032	ND	0.18	0.032	ND	0.17	0.03
1,4-Dichlorobenzene	106-46-7	0.7		0	ND	0.087	0.036	ND	0.074	0.031	ND	0.075	0.031	ND	0.078	0.032	ND	0.077	0.032	ND	0.072	0.03
2,4,5-Trichlorophenol	95-95-4	4		0	ND	0.21	0.04	ND	0.18	0.034	ND	0.18	0.034	ND	0.18	0.035	ND	0.18	0.035	ND	0.17	0.033
2,4,6-Trichlorophenol	88-06-2	0.7		0	ND	0.087	0.039	ND	0.074	0.034	ND	0.075	0.034	ND	0.078	0.035	ND	0.077	0.035	ND	0.072	0.033
2,4-Dichlorophenol	120-83-2	0.7		0	ND	0.087	0.033	ND	0.074	0.028	ND	0.075	0.029	ND	0.078	0.03	ND	0.077	0.03	ND	0.072	0.028
2,4-Dimethylphenol	105-67-9	0.7		0	ND	0.087	0.068	ND	0.074	0.058	ND	0.075	0.059	ND	0.078	0.061	ND	0.077	0.06	ND	0.072	0.057
2,4-Dinitrophenol	51-28-5	3		0	ND	1	0.097	ND	0.85	0.082	ND	0.86	0.084	ND	0.89	0.086	ND	0.88	0.086	ND	0.83	0.08
2,4-Dinitrotoluene	121-14-2	0.7	0.07	0.066	ND	0.087	0.042	ND	0.074	0.035	ND	0.075	0.036	ND	0.078	0.037	ND	0.077	0.037	ND	0.072	0.034
2,6-Dinitrotoluene	606-20-2	100		0	ND	0.21	0.036	ND	0.18	0.03	ND	0.18	0.031	ND	0.18	0.032	ND	0.18	0.032	ND	0.17	0.03
2-Chloronaphthalene	91-58-7	1000		0	ND	0.21	0.021	ND	0.18	0.018	ND	0.18	0.018	ND	0.18	0.018	ND	0.18	0.018	ND	0.17	0.017
2-Chlorophenol	95-57-8	0.7		0	ND	0.087	0.024	ND	0.074	0.021	ND	0.075	0.021	ND	0.078	0.022	ND	0.077	0.022	ND	0.072	0.02
2-Methylnaphthalene	91-57-6	0.7	0.48	2.6	ND	0.087	0.025	ND	0.074	0.021	ND	0.075	0.022	ND	0.078	0.022	ND	0.077	0.022	ND	0.072	0.021
2-Methylphenol	95-48-7	500		0	ND	0.21	0.032	ND	0.18	0.027	ND	0.18	0.028	ND	0.18	0.029	ND	0.18	0.028	ND	0.17	0.027
2-Nitrophenol	88-75-5	100		0	ND	0.45	0.078	ND	0.38	0.066	ND	0.39	0.067	ND	0.4	0.069	ND	0.4	0.069	ND	0.37	0.065
3,3'-Dichlorobenzidine	91-94-1	3		0	ND	0.21	0.055	ND	0.18	0.047	ND	0.18	0.048	ND	0.18	0.049	ND	0.18	0.049	ND	0.17	0.046
3-Methylphenol/4-Methylphenol	108-39-4/	500	0.09	0.14	ND	0.3	0.032	ND	0.25	0.028	ND	0.26	0.028	ND	0.26	0.029	ND	0.26	0.029	ND	0.25	0.027
4,6-Dinitro-o-cresol	534-52-1	50		0																		
4-Bromophenyl phenyl ether	101-55-3	100		0	ND	0.21	0.032	ND	0.18	0.027	ND	0.18	0.027	ND	0.18	0.028	ND	0.18	0.028	ND	0.17	0.026
4-Chloroaniline	106-47-8	1		0	ND	0.21	0.038	ND	0.18	0.032	ND	0.18	0.033	ND	0.18	0.034	ND	0.18	0.033	ND	0.17	0.031
4-Chlorophenyl phenyl ether	7005-72-3	1000		0	ND	0.21	0.022	ND	0.18	0.019	ND	0.18	0.019	ND	0.18	0.02	ND	0.18	0.02	ND	0.17	0.018
4-Nitroaniline	100-01-6	1000		0	ND	0.21	0.086	ND	0.18	0.073	ND	0.18	0.074	ND	0.18	0.076	ND	0.18	0.076	ND	0.17	0.071
4-Nitrophenol	100-02-7	100		0	ND	0.29	0.085	ND	0.25	0.072	ND	0.25	0.073	ND	0.26	0.075	ND	0.26	0.075	ND	0.24	0.07
Acenaphthene	83-32-9	4	1.73	12	ND	0.17	0.022	ND	0.14	0.018	ND	0.14	0.018	ND	0.15	0.019	ND	0.15	0.019	ND	0.14	0.018
Acenaphthylene	208-96-8	1	0.72	3	ND	0.17	0.032	ND	0.14	0.027	ND	0.14	0.028	ND	0.15	0.028	ND	0.15	0.028	ND	0.14	0.027
Acetophenone	98-86-2	1000	0.06	0.063	ND	0.21	0.026	ND	0.18	0.022	ND	0.18	0.022	ND	0.18	0.023	ND	0.18	0.023	ND	0.17	0.021
Aniline	62-53-3	1000		0	ND	0.25	0.098	ND	0.21	0.083	ND	0.22	0.085	ND	0.22	0.087	ND	0.22	0.087	ND	0.21	0.081
Anthracene	120-12-7	1000	5.61	43	ND	0.12	0.04	ND	0.11	0.034	ND	0.11	0.035	ND	0.11	0.036	ND	0.11	0.036	ND	0.1	0.034
Azobenzene	103-33-3	NS		0	ND	0.21	0.02	ND	0.18	0.017	ND	0.18	0.017	ND	0.18	0.018	ND	0.18	0.018	ND	0.17	0.016
Benzidine	92-87-5	10		0	ND	0.68	0.22	ND	0.58	0.19	ND	0.59	0.19	ND	0.61	0.2	ND	0.6	0.2	ND	0.57	0.19
Benzo(a)anthracene	56-55-3	7	6.92	60	ND	0.12	0.023	ND	0.11	0.02	ND	0.11	0.02	ND	0.11	0.021	ND	0.11	0.021	0.028	0.1	0.019
Benzo(a)pyrene	50-32-8	2	7.35	47	ND	0.17	0.051	ND	0.14	0.043	ND	0.14	0.044	0.075	0.15	0.045	ND	0.15	0.045	0.12	0.14	0.042
Benzo(b)fluoranthene	205-99-2	7	7.71	58	ND	0.12	0.035	0.032	0.11	0.03	ND	0.11	0.03	0.071	0.11	0.031	ND	0.11	0.031	0.11	0.1	0.029
Benzo(ghi)perylene	191-24-2	1000	3.51	23	0.037	0.17	0.024	0.042	0.14	0.021	ND	0.14	0.021	0.054	0.15	0.022	ND	0.15	0.022	0.067	0.14	0.02
Benzo(k)fluoranthene	207-08-9	70	2.58	16	ND	0.12	0.033	ND	0.11	0.028	ND	0.11	0.029	0.048	0.11	0.03	ND	0.11	0.029	0.075	0.1	0.028
Benzoic Acid	65-85-0	1000		0	ND	0.67	0.21	ND	0.57	0.18	ND	0.58	0.18	ND	0.6	0.19	ND	0.59	0.18	ND	0.56	0.17
Bis(2-chloroethoxy)methane	111-91-1	500		0	ND	0.22	0.021	ND	0.19	0.018	ND	0.19	0.018	ND	0.2	0.018	ND	0.2	0.018	ND	0.19	0.017
Bis(2-chloroethyl)ether	111-44-4	0.7		0	ND	0.087	0.028	ND	0.074	0.024	ND	0.075	0.024	ND	0.078	0.025	ND	0.077	0.025	ND	0.072	0.023
Bis(2-chloroisopropyl)ether	108-60-1	0.7		0	ND	0.087	0.035	ND	0.074	0.03	ND	0.075	0.031	ND	0.078	0.032	ND	0.077	0.031	ND	0.072	0.029
Bis(2-ethylhexyl)phthalate	117-81-7	90	0.20	0.28	ND	0.21	0.072	ND	0.18	0.061	ND	0.18	0.062	ND	0.18	0.064	ND	0.18	0.064	ND	0.17	0.06
Butyl benzyl phthalate	85-68-7	100		0	ND	0.21	0.052	ND	0.18	0.044	ND	0.18	0.045	ND	0.18	0.046	ND	0.18	0.046	ND	0.17	0.043
Chrysene	218-01-9	70	6.14	48	ND	0.12	0.022	ND	0.11	0.018	ND	0.11	0.019	ND	0.11	0.019	ND	0.11	0.019	ND	0.1	0.018
Dibenzo(a,h)anthracene	53-70-3	0.7	0.95	5.9	0.027	0.087	0.024	0.028	0.074	0.02	ND	0.075	0.021	0.037	0.078	0.021	ND	0.077	0.021	0.042	0.072	0.02
Dibenzofuran	132-64-9	100	1.40	11	ND	0.21	0.02	ND	0.18	0.017	ND	0.18	0.017	ND	0.18	0.017	ND	0.18	0.017	ND	0.17	0.016
Diethyl phthalate	84-66-2	10		0	ND	0.21	0.019	ND	0.18	0.016	ND	0.18	0.017	ND	0.18	0.017	ND	0.18	0.017	ND	0.17	0.016
Dimethyl phthalate	131-11-3	0.7	0.18	0.18	ND	0.087	0.044	ND	0.074	0.037	ND	0.075	0.038	ND	0.078	0.039	ND	0.077	0.038	ND	0.072	0.036
Di-n-butylphthalate	84-74-2	50	0.05	0.053	ND	0.21	0.039	ND	0.18	0.034	ND	0.18	0.034	ND	0.18	0.035	ND	0.18	0.035	ND	0.17	0.033
Di-n-octylphthalate	117-84-0	1000		0	ND	0.21	0.071	ND	0.18	0.06	ND	0.18	0.061	ND	0.18	0.063	ND	0.18	0.062	ND	0.17	0.058
Fluoranthene	206-44-0	1000	14.79	120	ND	0.12	0.024	ND	0.11	0.02	ND	0.11	0.02	ND	0.11	0.021	ND	0.11	0.021	ND	0.1	0.02
Fluorene	86-73-7	1000	1.69	12	ND	0.21	0.02	ND	0.18	0.017	ND	0.18	0.017	ND	0.18	0.018	ND	0.18	0.018	ND	0.17	0.017
Hexachlorobenzene	118-74-1	0.7		0	ND	0.087	0.023	ND	0.074	0.02	ND	0.075	0.02	ND	0.078	0.021	ND	0.077	0.02	ND	0.072	0.019
Hexachlorobutadiene	87-68-3	30		0	ND	0.21	0.03	ND	0.18	0.026	ND	0.18	0.026	ND	0.18	0.027	ND	0.18	0.027	ND	0.17	0.025
Hexachlorocyclopentadiene	77-47-4	50		0	ND	0.59	0.19	ND	0.5	0.16	ND	0.51	0.16	ND	0.53	0.17	ND	0.52	0.17	ND	0.49	0.16
Hexachloroethane	67-72-1	0.7		0	ND	0.087	0.034	ND	0.074	0.029	ND	0.075	0.029	ND	0.078	0.03	ND	0.077	0.03	ND	0.072	0.028
Indeno(1,2,3-cd)pyrene	193-39-5	7	4.01	25	ND	0.17	0.029	0.033	0.14	0.025	ND	0.14	0.025	0.043	0.15	0.026	ND	0.15	0.026	0.049	0.14	0.024
Isophorone	78-59-1	100		0	ND	0.19	0.027	ND	0.16	0.023	ND	0.16	0.023	ND	0.17	0.024	ND	0.16	0.024	ND	0.16	0.022
Naphthalene	91-20-3	4	0.58	2.6	ND	0.21	0.025	ND	0.18	0.022	ND	0.18	0.022	ND	0.18	0.022	ND	0.18	0.022	ND	0.17	0.021
NDPA/DPA	86-30-6	100		0	ND	0.17	0.024	ND	0.14	0.02	ND	0.14	0.02	ND	0.15	0.021	ND	0.15	0.021	ND	0.14	0.02
Nitrobenzene	98-95-3	500		0	ND	0.19	0.031	ND	0.16	0.026	ND	0.16	0.026	ND	0.17	0.027	ND	0.16	0.027	ND	0.16	0.026
n-Nitrosodimethylamine	62-75-9	50		0	ND	0.42	0.04	ND	0.35	0.034	ND	0.36	0.034	ND	0.37	0.035	ND	0.37	0.035	ND	0.34	0.033
n-Nitrosodi-n-propylamine	621-64-7	50		0	ND	0.21	0.032	ND	0.18	0.027	ND	0.18	0.028	ND	0.18	0.028	ND	0.18	0.028	ND	0.17	0.027
p-Chloro-m-cresol	59-50-7	1000		0	ND	0.21	0.031	ND	0.18	0.026	ND	0.18	0.027	ND	0.18	0.028	ND	0.18	0.027	ND	0.17	0.026
Pentachloronitrobenzene	82-68-8	100		0	ND	0.21	0.035	ND	0.18	0.03	ND	0.18	0.03	ND	0.18	0.031	ND	0.18	0.031	ND	0.17	0.029
Pentachlorophenol	87-86-5	3		0	ND	0.42	0.046	ND	0.35	0.039	ND	0.36	0.039	ND	0.37	0.041	ND	0.37	0.04	ND	0.34	0.038
Phenanthrene	85-01-8	10	12.24	110	ND	0.12	0.025	ND	0.11	0.021	ND	0.11	0.022	ND	0.11	0.022	ND	0.11	0.022	ND	0.1	0.021
Phenol	108-95-2	1	0.05	0.076	ND	0.21	0.031	ND	0.18	0.027	ND	0.18	0.027	ND	0.18	0.028	ND	0.18	0.028	ND	0.17	0.026
Pyrene	129-00-0	1000	12.71	100	ND	0.12	0.021	ND	0.11	0.018	ND	0.11	0.018	ND	0.11	0.018	ND	0.11	0.018	ND	0.1	0.017
Pyridine	110-86-1	500		0	ND	0.22	0.079	ND	0.19	0.067	ND	0.19	0.068	ND	0.2	0.07	ND	0.2	0.07	ND	0.19	0.065
Total SVOCs			53.91	699.1	0.064	-	-	0.135	-	-	0	-	-	0.328	-	-	0	-	-	0.491	-	-

Table 2 -
FSL Soil Results
372 Cambridge Street, Boston MA

	SAMPLE ID:		372 Cambridge Street Average Concentration	372 Cambridge Street Max Concentration	FSL-13 5'-10'			FSL-14 0'-5'			FSL-14 5'-10'			FSL-15 0'-5'			FSL-15 5'-10'			FSL-16 0'-5'		
	LAB ID:				L2048332-09			L2048332-07			L2048332-15			L2048332-05			L2048332-13			L2048332-04		
	COLLECTION DATE				11/3/2020			11/3/2020			11/3/2020			11/3/2020			11/3/2020			11/3/2020		
	RCS-1-14																					
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	RL	MDL	Conc	RL	MDL	Conc	RL	MDL	Conc	RL	MDL	Conc	RL	MDL	Conc	RL	MDL
MCP POLYCHLORINATED BIPHENYLS																						
Aroclor 1016	12674-11-	1		0	ND	0.0411	0.0411	ND	0.0345	0.0345	ND	0.0348	0.0348	ND	0.0362	0.0362	ND	0.0355	0.0355	ND	0.033	0.033
Aroclor 1221	11104-28-	1		0	ND	0.0411	0.0411	ND	0.0345	0.0345	ND	0.0348	0.0348	ND	0.0362	0.0362	ND	0.0355	0.0355	ND	0.033	0.033
Aroclor 1232	11141-16-	1		0	ND	0.0411	0.0411	ND	0.0345	0.0345	ND	0.0348	0.0348	ND	0.0362	0.0362	ND	0.0355	0.0355	ND	0.033	0.033
Aroclor 1242	53469-21-	1		0	ND	0.0411	0.0411	ND	0.0345	0.0345	ND	0.0348	0.0348	ND	0.0362	0.0362	ND	0.0355	0.0355	ND	0.033	0.033
Aroclor 1248	12672-29-	1		0	ND	0.0411	0.0411	ND	0.0345	0.0345	ND	0.0348	0.0348	ND	0.0362	0.0362	ND	0.0355	0.0355	ND	0.033	0.033
Aroclor 1254	11097-69-	1	0.04	0.0397	ND	0.0411	0.0411	ND	0.0345	0.0345	ND	0.0348	0.0348	ND	0.0362	0.0362	ND	0.0355	0.0355	ND	0.033	0.033
Aroclor 1260	11096-82-	1	0.07	0.088	ND	0.0411	0.0411	ND	0.0345	0.0345	ND	0.0348	0.0348	ND	0.0362	0.0362	ND	0.0355	0.0355	ND	0.033	0.033
Aroclor 1262	37324-23-	1		0	ND	0.0411	0.0411	ND	0.0345	0.0345	ND	0.0348	0.0348	ND	0.0362	0.0362	ND	0.0355	0.0355	ND	0.033	0.033
Aroclor 1268	11100-14-	1		0	ND	0.0411	0.0411	ND	0.0345	0.0345	ND	0.0348	0.0348	ND	0.0362	0.0362	ND	0.0355	0.0355	ND	0.033	0.033
PCBs, Total	1336-36-3	1	0.09	0.088	ND	0.0411	0.0411	ND	0.0345	0.0345	ND	0.0348	0.0348	ND	0.0362	0.0362	ND	0.0355	0.0355	ND	0.033	0.033
PETROLEUM HYDROCARBON QUANTITATION																						
TPH (C10-C36)	NONE	1000	595.55	3150	ND	41.8	4.81	ND	34.8	4.01	ND	35.5	4.08	ND	35.9	4.13	7.44	36.2	4.16	ND	34.9	4.02
MCP TOTAL METALS																						
Antimony, Total	7440-36-0	20	1.76	4.79	0.558	2.43	0.184	0.912	2.12	0.161	0.514	2.12	0.161	1.16	2.16	0.164	0.48	2.18	0.166	0.508	2.05	0.156
Arsenic, Total	7440-38-2	20	5.54	16.2	2.5	0.485	0.101	6.62	0.424	0.088	2.29	0.425	0.088	4.35	0.432	0.09	2.45	0.436	0.091	2.55	0.41	0.085
Barium, Total	7440-39-3	1000	53.56	398	10.4	0.485	0.084	41.1	0.424	0.074	10.8	0.425	0.074	58.3	0.432	0.075	21.9	0.436	0.076	17.8	0.41	0.071
Beryllium, Total	7440-41-7	90	0.22	0.546	ND	0.243	0.016	ND	0.212	0.014	ND	0.212	0.014	ND	0.216	0.014	ND	0.218	0.014	ND	0.205	0.014
Cadmium, Total	7440-43-9	70	0.83	3.88	ND	0.485	0.048	ND	0.424	0.042	ND	0.425	0.042	ND	0.432	0.042	ND	0.436	0.043	ND	0.41	0.04
Chromium,Total	7440-47-3	100	14.88	37.8	9.27	0.485	0.047	17.9	0.424	0.041	9.27	0.425	0.041	23.1	0.432	0.041	10.3	0.436	0.042	10.8	0.41	0.039
Lead, Total	7439-92-1	200	143.67	1640	4.09	2.43	0.13	8.16	2.12	0.114	3.7	2.12	0.114	7.72	2.16	0.116	3.9	2.18	0.117	3.65	2.05	0.11
Mercury, Total	7439-97-6	20	1.44	10.9	ND	0.093	0.093	ND	0.078	0.078	ND	0.079	0.079	ND	0.083	0.083	ND	0.081	0.081	ND	0.077	0.077
Nickel, Total	7440-02-0	600	12.33	26.6	7.68	1.21	0.117	13.6	1.06	0.103	7	1.06	0.103	18.6	1.08	0.104	7.56	1.09	0.106	7.85	1.02	0.099
Selenium, Total	7782-49-2	400	0.40	1.81	1.31	2.43	0.125	2.47	2.12	0.109	1.31	2.12	0.11	2.64	2.16	0.111	0.933	2.18	0.112	1.19	2.05	0.106
Silver, Total	7440-22-4	100	1.18	1.18	ND	0.485	0.137	ND	0.424	0.12	ND	0.425	0.12	ND	0.432	0.122	ND	0.436	0.123	ND	0.41	0.116
Thallium, Total	7440-28-0	8	0.42	0.807	ND	2.43	0.153	ND	2.12	0.134	ND	2.12	0.134	ND	2.16	0.136	ND	2.18	0.137	ND	2.05	0.129
Vanadium, Total	7440-62-2	400	22.70	51	17.3	0.485	0.099	28.3	0.424	0.086	16	0.425	0.086	33.7	0.432	0.088	15.7	0.436	0.089	15.1	0.41	0.083
Zinc, Total	7440-66-6	1000	125.26	1580	21.9	2.43	0.142	37.1	2.12	0.124	21.8	2.12	0.124	51.2	2.16	0.126	20.3	2.18	0.128	18.5	2.05	0.12
TCLP (mg/L)																						
Lead		5	9.84	35.8	NT	-	-	NT	-	-	NT	-	-	NT	-	-	NT	-	-	NT	-	-
Mercury, Total		0.2		0	NT	-	-	NT	-	-	NT	-	-	NT	-	-	NT	-	-	NT	-	-
GENERAL CHEMISTRY																						
pH (H)	12408-02-		8.13	11	7.5	0	NA	6.9	0	NA	6.9	0	NA	6.9	0	NA	7.7	0	NA	6.6	0	NA
Cyanide, Reactive	57-12-5			0	ND	10	10	ND	10	10	ND	10	10	ND	10	10	ND	10	10	ND	10	10
Solids, Total	NONE		91.07	95.7	78.6	0.1	NA	91.6	0.1	NA	92.7	0.1	NA	89.1	0.1	NA	90	0.1	NA	95.3	0.1	NA
Specific Conductance @ 25 C	NONE		58.66	340	110	10	10	51	10	10	52	10	10	51	10	10	96	10	10	35	10	10
Sulfide, Reactive	NONE			0	ND	10	10	ND	10	10	ND	10	10	ND	10	10	ND	10	10	ND	10	10
IGNITABILITY OF SOLIDS																						
Ignitability	NONE			0	NI	0	NA	NI	0	NA	NI	0	NA	NI	0	NA	NI	0	NA	NI	0	NA
MCP GENERAL CHEMISTRY																						
Cyanide, Total	57-12-5	30	1.20	1.2	ND	1.2	1.2	ND	1	1	ND	1	1	ND	1.1	1.1	ND	1.1	1.1	ND	0.97	0.97

* Comparison is not performed on parameters with non-numeric criteria.
J - Concentration of analyte is below the Method RL, estimated value
U - Not detected at the reported detection limit for the sample.

RCS-1-14: MCP 2014 RCS-1 Reportable Concentrations Criteria effective April 25, 2014.
NS - No Standard
NI - Not Ignitable
ND - Not Detected
NC - No DFAC Value
NA - Not Analyzed/Not Applicable
Analytes detected at levels above RCS-1
Analytes Detected above Winchendon Acceptance Values
Analyte Laboratory Reporting Limits above RCS-1 Values

Table 2 -
FSL Soil Results
372 Cambridge Street, Boston MA

	SAMPLE ID:				FSL-16 5'-10'			FSL-17 0'-5'			FSL-17 5'-10'		
	LAB ID:		372 Cambridge Street Average Concentration	372 Cambridge Street Max Concentration	L2048332-12			L2048332-02			L2048332-10		
	COLLECTION DATE				11/3/2020			11/3/2020			11/3/2020		
	RCS-1-14												
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	RL	MDL	Conc	RL	MDL	Conc	RL	MDL
FIELD SCREENING													
TVOCs						0			0			0	
MCP VOLATILE ORGANICS BY EPA 5035													
Ethylbenzene	100-41-4	40	0.23	0.45	ND	0.001	0.00014	ND	0.001	0.00014	ND	0.00096	0.00014
Styrene	100-42-5	3		0	ND	0.001	0.0002	ND	0.001	0.0002	ND	0.00096	0.00019
cis-1,3-Dichloropropene	10061-01-	0.01		0	ND	0.0005	0.00016	ND	0.00051	0.00016	ND	0.00048	0.00015
trans-1,3-Dichloropropene	10061-02-	0.01		0	ND	0.001	0.00027	ND	0.001	0.00028	ND	0.00096	0.00026
n-Propylbenzene	103-65-1	100	2.65	4.6	ND	0.001	0.00017	ND	0.001	0.00017	ND	0.00096	0.00016
n-Butylbenzene	104-51-8	NS	1.66	2.9	ND	0.001	0.00017	ND	0.001	0.00017	ND	0.00096	0.00016
p-Chlorotoluene	106-43-4	10		0	ND	0.002	0.00011	ND	0.002	0.00011	ND	0.0019	0.0001
1,4-Dichlorobenzene	106-46-7	0.7		0	ND	0.002	0.00017	ND	0.002	0.00017	ND	0.0019	0.00016
1,2-Dibromoethane	106-93-4	0.1		0	ND	0.001	0.00028	ND	0.001	0.00028	ND	0.00096	0.00027
1,2-Dichloroethane	107-06-2	0.1		0	ND	0.001	0.00026	ND	0.001	0.00026	ND	0.00096	0.00025
Acrylonitrile	107-13-1	100		0	ND	0.004	0.0011	ND	0.004	0.0012	ND	0.0038	0.0011
Methyl isobutyl ketone	108-10-1	0.4		0	ND	0.01	0.0013	ND	0.01	0.0013	ND	0.0096	0.0012
Diisopropyl Ether	108-20-3	100		0	ND	0.002	0.00021	ND	0.002	0.00022	ND	0.0019	0.0002
1,3,5-Trimethylbenzene	108-67-8	10	4.88	17	ND	0.002	0.00019	ND	0.002	0.0002	ND	0.0019	0.00019
Bromobenzene	108-86-1	100		0	ND	0.002	0.00014	ND	0.002	0.00015	ND	0.0019	0.00014
Toluene	108-88-3	30	0.00	0.0007	ND	0.001	0.00054	ND	0.001	0.00055	ND	0.00096	0.00052
Chlorobenzene	108-90-7	1		0	ND	0.0005	0.00013	ND	0.00051	0.00013	ND	0.00048	0.00012
Tetrahydrofuran	109-99-9	500		0	ND	0.004	0.0016	ND	0.004	0.0016	ND	0.0038	0.0015
1,2,4-Trichlorobenzene	120-82-1	2		0	ND	0.002	0.00027	ND	0.002	0.00028	ND	0.0019	0.00026
1,4-Dioxane	123-91-1	0.2		0	ND	0.08	0.035	ND	0.081	0.036	ND	0.077	0.034
Dibromochloromethane	124-48-1	0.005		0	ND	0.001	0.00014	ND	0.001	0.00014	ND	0.00096	0.00014
Tetrachloroethene	127-18-4	1	0.00	0.0024	ND	0.0005	0.0002	ND	0.00051	0.0002	ND	0.00048	0.00019
sec-Butylbenzene	135-98-8	NS	1.51	2.6	ND	0.001	0.00014	ND	0.001	0.00015	ND	0.00096	0.00014
1,3-Dichloropropane	142-28-9	500		0	ND	0.002	0.00017	ND	0.002	0.00017	ND	0.0019	0.00016
cis-1,2-Dichloroethene	156-59-2	0.1		0	ND	0.001	0.00017	ND	0.001	0.00018	ND	0.00096	0.00017
trans-1,2-Dichloroethene	156-60-5	1		0	ND	0.0015	0.00014	ND	0.0015	0.00014	ND	0.0014	0.00013
Methyl tert butyl ether	1634-04-4	0.1		0	ND	0.002	0.0002	ND	0.002	0.0002	ND	0.0019	0.00019
p/m-Xylene	179601-23	100	2.44	4.6	ND	0.002	0.00056	ND	0.002	0.00057	ND	0.0019	0.00054
1,3-Dichlorobenzene	541-73-1	3		0	ND	0.002	0.00015	ND	0.002	0.00015	ND	0.0019	0.00014
1,3-Dichloropropene, Total	542-75-6	0.01		0	ND	0.0005	0.00016	ND	0.00051	0.00016	ND	0.00048	0.00015
Carbon tetrachloride	56-23-5	5		0	ND	0.001	0.00023	ND	0.001	0.00023	ND	0.00096	0.00022
1,1-Dichloropropene	563-58-6	0.1		0	ND	0.0005	0.00016	ND	0.00051	0.00016	ND	0.00048	0.00015
2-Hexanone	591-78-6	100		0	ND	0.01	0.0012	ND	0.01	0.0012	ND	0.0096	0.0011
2,2-Dichloropropane	594-20-7	0.1		0	ND	0.002	0.0002	ND	0.002	0.0002	ND	0.0019	0.00019
Diethyl ether	60-29-7	100		0	ND	0.002	0.00034	ND	0.002	0.00034	ND	0.0019	0.00033
1,1,1,2-Tetrachloroethane	630-20-6	0.1		0	ND	0.0005	0.00013	ND	0.00051	0.00013	ND	0.00048	0.00013
Ethyl-Tert-Butyl-Ether	637-92-3	NS		0	ND	0.002	0.00013	ND	0.002	0.00013	ND	0.0019	0.00012
Acetone	67-64-1	6		0	ND	0.025	0.01	ND	0.025	0.01	ND	0.024	0.0096
Chloroform	67-66-3	0.2		0	ND	0.0015	0.00014	ND	0.0015	0.00014	ND	0.0014	0.00014
Benzene	71-43-2	2	0.00	0.0037	ND	0.0005	0.00016	ND	0.00051	0.00017	ND	0.00048	0.00016
1,1,1-Trichloroethane	71-55-6	30		0	ND	0.0005	0.00017	ND	0.00051	0.00017	ND	0.00048	0.00016
Bromomethane	74-83-9	0.5	0.00	0.0012	ND	0.002	0.00058	ND	0.002	0.00059	ND	0.0019	0.00056
Chloromethane	74-87-3	100		0	ND	0.004	0.00093	ND	0.004	0.00094	ND	0.0038	0.0009
Dibromomethane	74-95-3	500		0	ND	0.002	0.00024	ND	0.002	0.00024	ND	0.0019	0.00023
Bromochloromethane	74-97-5	NS		0	ND	0.002	0.0002	ND	0.002	0.00021	ND	0.0019	0.0002
Chloroethane	75-00-3	100		0	ND	0.002	0.00045	ND	0.002	0.00046	ND	0.0019	0.00044
Vinyl chloride	75-01-4	0.7		0	ND	0.001	0.00033	ND	0.001	0.00034	ND	0.00096	0.00032
Methylene chloride	75-09-2	0.1		0	ND	0.005	0.0023	ND	0.0051	0.0023	ND	0.0048	0.0022
Carbon disulfide	75-15-0	100		0	ND	0.01	0.0011	ND	0.01	0.0011	ND	0.0096	0.0011
Bromoform	75-25-2	0.1		0	ND	0.004	0.00024	ND	0.004	0.00025	ND	0.0038	0.00024
Bromodichloromethane	75-27-4	0.1		0	ND	0.0005	0.00011	ND	0.00051	0.00011	ND	0.00048	0.0001
1,1-Dichloroethane	75-34-3	0.4		0	ND	0.001	0.00014	ND	0.001	0.00015	ND	0.00096	0.00014
1,1-Dichloroethene	75-35-4	3		0	ND	0.001	0.00024	ND	0.001	0.00024	ND	0.00096	0.00023
Trichlorofluoromethane	75-69-4	1000		0	ND	0.004	0.00069	ND	0.004	0.0007	ND	0.0038	0.00067
Dichlorodifluoromethane	75-71-8	1000		0	ND	0.01	0.00091	ND	0.01	0.00093	ND	0.0096	0.00088
1,2-Dichloropropane	78-87-5	0.1		0	ND	0.001	0.00012	ND	0.001	0.00013	ND	0.00096	0.00012
Methyl ethyl ketone	78-93-3	4		0	ND	0.01	0.0022	ND	0.01	0.0022	ND	0.0096	0.0021
1,1,2-Trichloroethane	79-00-5	0.1		0	ND	0.001	0.00027	ND	0.001	0.00027	ND	0.00096	0.00026
Trichloroethene	79-01-6	0.3		0	ND	0.0005	0.00014	ND	0.00051	0.00014	ND	0.00048	0.00013
1,1,2,2-Tetrachloroethane	79-34-5	0.005		0	ND	0.0005	0.00016	ND	0.00051	0.00017	ND	0.00048	0.00016
1,2,3-Trichlorobenzene	87-61-6	NS		0	ND	0.002	0.00032	ND	0.002	0.00033	ND	0.0019	0.00031
Hexachlorobutadiene	87-68-3	30		0	ND	0.004	0.00017	ND	0.004	0.00017	ND	0.0038	0.00016
Naphthalene	91-20-3	4	0.47	3.2	ND	0.004	0.00065	ND	0.004	0.00066	ND	0.0038	0.00063
o-Xylene	95-47-6	100	0.27	0.27	ND	0.001	0.00029	ND	0.001	0.00029	ND	0.00096	0.00028
o-Chlorotoluene	95-49-8	100		0	ND	0.002	0.00019	ND	0.002	0.00019	ND	0.0019	0.00018
1,2-Dichlorobenzene	95-50-1	9		0	ND	0.002	0.00014	ND	0.002	0.00014	ND	0.0019	0.00014
1,2,4-Trimethylbenzene	95-63-6	1000	19.60	34	ND	0.002	0.00033	ND	0.002	0.00034	ND	0.0019	0.00032
1,2-Dibromo-3-chloropropane	96-12-8	10		0	ND	0.003	0.001	ND	0.003	0.001	ND	0.0029	0.00096
1,2,3-Trichloropropane	96-18-4	100		0	ND	0.002	0.00013	ND	0.002	0.00013	ND	0.0019	0.00012
tert-Butylbenzene	98-06-6	100	0.27	0.47	ND	0.002	0.00012	ND	0.002	0.00012	ND	0.0019	0.00011
Isopropylbenzene	98-82-8	1000	1.92	3.4	ND	0.001	0.00011	ND	0.001	0.00011	ND	0.00096	0.0001
Tertiary-Amyl Methyl Ether	994-05-8	NS		0	ND	0.002	0.00018	ND	0.002	0.00018	ND	0.0019	0.00017
p-Isopropyltoluene	99-87-6	100	1.83	4.7	ND	0.001	0.00011	ND	0.001	0.00011	ND	0.00096	0.0001
SUM			5.57	83.09	0	-	-	0	-	-	0	-	-
MCP SEMIVOLATILE ORGANICS													
1,2,4,5-Tetrachlorobenzene	95-94-3	1000		0	ND	0.2	0.021	ND	0.18	0.018	ND	0.18	0.019
1,2,4-Trichlorobenzene	120-82-1	2		0	ND	0.2	0.023	ND	0.18	0.02	ND	0.18	0.021
1,2-Dichlorobenzene	95-50-1	9		0	ND	0.2	0.036	ND	0.18	0.032	ND	0.18	0.033
1,3-Dichlorobenzene	541-73-1	3		0	ND	0.2	0.034	ND	0.18	0.03	ND	0.18	0.031
1,4-Dichlorobenzene	106-46-7	0.7		0	ND	0.084	0.035	ND	0.074	0.031	ND	0.077	0.032
2,4,5-Trichlorophenol	95-95-4	4		0	ND	0.2	0.038	ND	0.18	0.034	ND	0.18	0.035
2,4,6-Trichlorophenol	88-06-2	0.7		0	ND	0.084	0.038	ND	0.074	0.033	ND	0.077	0.035
2,4-Dichlorophenol	120-83-2	0.7		0	ND	0.084	0.032	ND	0.074	0.028	ND	0.077	0.029
2,4-Dimethylphenol	105-67-9	0.7		0	ND	0.084	0.066	ND	0.074	0.058	ND	0.077	0.06
2,4-Dinitrophenol	51-28-5	3		0	ND	0.95	0.093	ND	0.84	0.082	ND	0.88	0.085
2,4-Dinitrotoluene	121-14-2	0.7	0.07	0.066	ND	0.084	0.04	ND	0.074	0.035	ND	0.077	0.036
2,6-Dinitrotoluene	606-20-2	100		0	ND	0.2	0.034	ND	0.18	0.03	ND	0.18	0.031
2-Chloronaphthalene	91-58-7	1000		0	ND	0.2	0.02	ND	0.18	0.017	ND	0.18	0.018
2-Chlorophenol	95-57-8	0.7		0	ND	0.084	0.024	ND	0.074	0.021	ND	0.077	0.022
2-Methylnaphthalene	91-57-6	0.7	0.48	2.6	2.4	0.084	0.024	ND	0.074	0.021	ND	0.077	0.022
2-Methylphenol	95-48-7	500		0	ND	0.2	0.031	ND	0.18	0.027	ND	0.18	0.028
2-Nitrophenol	88-75-5	100		0	ND	0.43	0.075	ND	0.38	0.066	ND	0.4	0.069
3,3'-Dichlorobenzidine	91-94-1	3		0	ND	0.2	0.053	ND	0.18	0.047	ND	0.18	0.049
3-Methylphenol/4-Methylphenol	108-39-4/	500	0.09	0.14	ND	0.29	0.031	ND	0.25	0.028	ND	0.26	0.029
4,6-Dinitro-o-cresol	534-52-1	50		0									
4-Bromophenyl phenyl ether	101-55-3	100		0	ND	0.2	0.03	ND	0.18	0.027	ND	0.18	0.028
4-Chloroaniline	106-47-8	1		0	ND	0.2	0.036	ND	0.18	0.032	ND	0.18	0.033
4-Chlorophenyl phenyl ether	7005-72-3	1000		0	ND	0.2	0.021	ND	0.18	0.019	ND	0.18	0.02
4-Nitroaniline	100-01-6	1000		0	ND	0.2	0.082	ND	0.18	0.073	ND	0.18	0.076
4-Nitrophenol	100-02-7	100		0	ND	0.28	0.081	ND	0.25	0.072	ND	0.26	0.075
Acenaphthene	83-32-9	4	1.73	12	0.096	0.16	0.021	ND	0.14	0.018	ND	0.15	0.019
Acenaphthylene	208-96-8	1	0.72	3	0.38	0.16	0.031	ND	0.14	0.027	ND	0.15	0.028
Acetophenone	98-86-2	1000	0.06	0.063	ND	0.2	0.025	ND	0.18	0.022	ND	0.18	0.023
Aniline	62-53-3	1000		0	ND	0.24	0.094	ND	0.21	0.083	ND	0.22	0.086
Anthracene	120-12-7	1000	5.61	43	0.076	0.12	0.039	ND	0.1	0.034	ND	0.11	0.036
Azobenzene	103-33-3	NS		0	ND	0.2	0.019	ND	0.18	0.017	ND	0.18	0.018
Benzidine	92-87-5	10		0	ND	0.86	0.22	ND	0.58	0.19	ND	0.6	0.2
Benzo(a)anthracene	56-55-3	7	6.92	60	ND	0.12	0.022	ND	0.1	0.02	ND	0.11	0.02
Benzo(a)pyrene	50-32-8	2	7.35	47	ND	0.16	0.048	ND	0.14	0.043	ND	0.15	0.045
Benzo(b)fluoranthene	205-99-2	7	7.71	58	ND	0.12	0.033	ND	0.1	0.03	ND	0.11	0.031
Benzo(ghi)perylene	191-24-2	1000	3.51	23	ND	0.16	0.023	0.024	0.14	0.021	0.028	0.15	0.022
Benzo(k)fluoranthene	207-08-9	70	2.58	16	ND	0.12	0.032	ND	0.1	0.028	ND	0.11	0.029
Benzoic Acid	65-85-0	1000		0	ND	0.64	0.2	ND	0.57	0.18	ND	0.59	0.18
Bis(2-chloroethoxy)methane	111-91-1	500		0	ND	0.21	0.02	ND	0.19	0.018	ND	0.2	0.018
Bis(2-chloroethyl)ether	111-44-4	0.7		0	ND	0.084	0.027	ND	0.074	0.024	ND	0.077	0.025
Bis(2-chloroisopropyl)ether	108-60-1	0.7		0	ND	0.084	0.034	ND	0.074	0.03	ND	0.077	0.031
Bis(2-ethylhexyl)phthalate	117-81-7	90	0.20	0.28	ND	0.2	0.069	ND	0.18	0.061	ND	0.18	0.063
Butyl benzyl phthalate	85-68-7	100		0	ND	0.2	0.05	ND	0.18	0.044	ND	0.18	0.046
Chrysene	218-01-9	70	6.14	48	ND	0.12	0.021	ND	0.1	0.018	ND	0.11	0.019
Dibenzo(a,h)anthracene	53-70-3	0.7	0.95	5.9	ND	0.084	0.023	ND	0.074	0.02	ND	0.077	0.021
Dibenzofuran	132-64-9	100	1.40	11	0.062	0.2	0.019	ND	0.18	0.017	ND	0.18	0.017
Diethyl phthalate	84-66-2	10		0	ND	0.2	0.018	ND	0.18	0.016	ND	0.18	0.017
Dimethyl phthalate	131-11-3	0.7	0.18	0.18	ND	0.084	0.042	ND	0.074	0.037	ND	0.077	0.038
Di-n-butylphthalate	84-74-2	50	0.05	0.053	ND	0.2	0.038	ND	0.18	0.033	ND	0.18	0.035
Di-n-octylphthalate	117-84-0	1000		0	ND	0.2	0.068	ND	0.18	0.06	ND	0.18	0.062
Fluoranthene	206-44-0	1000	14.79	120	0.036	0.12	0.023	ND	0.1	0.02	ND	0.11	0.021
Fluorene	86-73-7	1000	1.69	12	0.2	0.2	0.019	ND	0.18	0.017	ND	0.18	0.018
Hexachlorobenzene	118-74-1	0.7		0	ND	0.084	0.022	ND	0.074	0.02	ND	0.077	0.02
Hexachlorobutadiene	87-68-3	30		0	ND	0.2	0.029	ND	0.18	0.026	ND	0.18	0.027
Hexachlorocyclopentadiene	77-47-4	50		0	ND	0.57	0.18	ND	0.5	0.16	ND	0.52	0.16
Hexachloroethane	67-72-1	0.7		0	ND	0.084	0.032	ND	0.074	0.028	ND	0.077	0.03
Indeno(1,2,3-cd)pyrene	193-39-5	7	4.01	25	ND	0.16	0.028	ND	0.14	0.024	ND	0.15	0.026
Isophorone	78-59-1	100		0	ND	0.18	0.026	ND	0.16	0.023	ND	0.16	0.024
Naphthalene	91-20-3	4	0.58	2.6	3.8	0.2	0.024	ND	0.18	0.021	ND	0.18	0.022
NDPA/DPA	86-30-6	100		0	ND	0.16	0.023	ND	0.14	0.02	ND	0.15	0.021
Nitrobenzene	98-95-3	500		0	ND	0.18	0.029	ND	0.16	0.026	ND	0.16	0.027
n-Nitrosodimethylamine	62-75-9	50		0	ND	0.4	0.038	ND	0.35	0.034	ND	0.36	0.035
n-Nitrosodi-n-propylamine	621-64-7	50		0	ND	0.2	0.031	ND	0.18	0.027	ND	0.18	0.028
p-Chloro-m-cresol	59-50-7	1000		0	ND	0.2	0.03	ND	0.18	0.026	ND	0.18	0.027
Pentachloronitrobenzene	82-68-8	100		0	ND	0.2	0.034	ND	0.18	0.03	ND	0.18	0.031
Pentachlorophenol	87-86-5	3		0	ND	0.4	0.044	ND	0.35	0.039	ND	0.36	0.04
Phenanthrene	85-01-8	10	12.24	110	0.37	0.12	0.024	ND	0.1	0.021	ND	0.11	0.022
Phenol	108-95-2	1	0.05	0.076	ND	0.2	0.03	ND	0.18	0.026	ND	0.18	0.028
Pyrene	129-00-0	1000	12.71	100	0.055	0.12	0.02	ND	0.1	0.017	ND	0.11	0.018
Pyridine	110-86-1	500		0	ND	0.21	0.076	ND	0.19	0.067	ND	0.2	0.07
Total SVOCs			53.91	699.1	7.465	-	-	0.024	-	-	0.028	-	-

Table 2 -
FSL Soil Results
372 Cambridge Street, Boston MA

	SAMPLE ID:		372 Cambridge Street Average Concentration	372 Cambridge Street Max Concentration	FSL-16 5'-10'			FSL-17 0'-5'			FSL-17 5'-10'		
	LAB ID:				L2048332-12			L2048332-02			L2048332-10		
	COLLECTION DATE				11/3/2020			11/3/2020			11/3/2020		
	RCS-1-14												
ANALYTE	CAS	(mg/kg)	(mg/kg)	(mg/kg)	Conc	RL	MDL	Conc	RL	MDL	Conc	RL	MDL
MCP POLYCHLORINATED BIPHENYLS													
Aroclor 1016	12674-11-	1		0	ND	0.0385	0.0385	ND	0.0343	0.0343	ND	0.0366	0.0366
Aroclor 1221	11104-28-	1		0	ND	0.0385	0.0385	ND	0.0343	0.0343	ND	0.0366	0.0366
Aroclor 1232	11141-16-	1		0	ND	0.0385	0.0385	ND	0.0343	0.0343	ND	0.0366	0.0366
Aroclor 1242	53469-21-	1		0	ND	0.0385	0.0385	ND	0.0343	0.0343	ND	0.0366	0.0366
Aroclor 1248	12672-29-	1		0	ND	0.0385	0.0385	ND	0.0343	0.0343	ND	0.0366	0.0366
Aroclor 1254	11097-69-	1	0.04	0.0397	ND	0.0385	0.0385	ND	0.0343	0.0343	ND	0.0366	0.0366
Aroclor 1260	11096-82-	1	0.07	0.088	ND	0.0385	0.0385	ND	0.0343	0.0343	ND	0.0366	0.0366
Aroclor 1262	37324-23-	1		0	ND	0.0385	0.0385	ND	0.0343	0.0343	ND	0.0366	0.0366
Aroclor 1268	11100-14-	1		0	ND	0.0385	0.0385	ND	0.0343	0.0343	ND	0.0366	0.0366
PCBs, Total	1336-36-3	1	0.09	0.088	ND	0.0385	0.0385	ND	0.0343	0.0343	ND	0.0366	0.0366
PETROLEUM HYDROCARBON QUANTITATION													
TPH (C10-C36)	NONE	1000	595.55	3150	ND	39.5	4.54	ND	34.6	3.98	6.18	37.3	4.29
MCP TOTAL METALS													
Antimony, Total	7440-36-0	20	1.76	4.79	0.7	2.33	0.177	0.465	2.06	0.156	1.2	2.19	0.166
Arsenic, Total	7440-38-2	20	5.54	16.2	3.76	0.467	0.097	2.74	0.412	0.086	5.4	0.438	0.091
Barium, Total	7440-39-3	1000	53.56	398	31.2	0.467	0.081	11	0.412	0.072	49.1	0.438	0.076
Beryllium, Total	7440-41-7	90	0.22	0.546	ND	0.233	0.015	ND	0.206	0.014	ND	0.219	0.014
Cadmium, Total	7440-43-9	70	0.83	3.88	ND	0.467	0.046	ND	0.412	0.04	ND	0.438	0.043
Chromium,Total	7440-47-3	100	14.88	37.8	17	0.467	0.045	9.4	0.412	0.04	25.5	0.438	0.042
Lead, Total	7439-92-1	200	143.67	1640	5.22	2.33	0.125	3.38	2.06	0.11	7.57	2.19	0.117
Mercury, Total	7439-97-6	20	1.44	10.9	ND	0.087	0.087	ND	0.079	0.079	ND	0.082	0.082
Nickel, Total	7440-02-0	600	12.33	26.6	12.6	1.17	0.113	6.96	1.03	0.1	19	1.09	0.106
Selenium, Total	7782-49-2	400	0.40	1.81	1.67	2.33	0.12	1.13	2.06	0.106	1.98	2.19	0.113
Silver, Total	7440-22-4	100	1.18	1.18	ND	0.467	0.132	ND	0.412	0.116	ND	0.438	0.124
Thallium, Total	7440-28-0	8	0.42	0.807	ND	2.33	0.147	ND	2.06	0.13	ND	2.19	0.138
Vanadium, Total	7440-62-2	400	22.70	51	23.9	0.467	0.095	17.5	0.412	0.084	35.6	0.438	0.089
Zinc, Total	7440-66-6	1000	125.26	1580	30.9	2.33	0.137	19.4	2.06	0.121	55.3	2.19	0.128
TCLP (mg/L)													
Lead		5	9.84	35.8	NT	-	-	NT	-	-	NT	-	-
Mercury, Total		0.2		0	NT	-	-	NT	-	-	NT	-	-
GENERAL CHEMISTRY													
pH (H)	12408-02-		8.13	11	6.8	0	NA	7.4	0	NA	6.9	0	NA
Cyanide, Reactive	57-12-5			0	ND	10	10	ND	10	10	ND	10	10
Solids, Total	NONE		91.07	95.7	83.4	0.1	NA	93.3	0.1	NA	89.2	0.1	NA
Specific Conductance @ 25 C	NONE		58.66	340	90	10	10	38	10	10	21	10	10
Sulfide, Reactive	NONE			0	ND	10	10	ND	10	10	ND	10	10
IGNITABILITY OF SOLIDS													
Ignitability	NONE			0	NI	0	NA	NI	0	NA	NI	0	NA
MCP GENERAL CHEMISTRY													
Cyanide, Total	57-12-5	30	1.20	1.2	ND	1.1	1.1	ND	0.98	0.98	ND	1.1	1.1

* Comparison is not performed on parameters with non-numeric criteria.
J - Concentration of analyte is below the Method RL, estimated value
U - Not detected at the reported detection limit for the sample.

RCS-1-14: MCP 2014 RCS-1 Reportable Concentrations Criteria effective April 25, 2014.
NS - No Standard
NI - Not Ignitable
ND - Not Detected
NC - No DFAC Value
NA - Not Analyzed/Not Applicable
Analytes detected at levels above RCS-1
Analytes Detected above Winchendon Acceptance Values
Analyte Laboratory Reporting Limits above RCS-1 Values

Table 3 -
FSL Groundwater Results
372 Cambridge St.,
Boston, MA

	Reportable Concentrations (RCs)	MCP - Method 1 Cleanup Standard		SAMPLING LOCATION	
	RCGW-2	GW-2	GW-3	FSL-3	SDO-037
Sampling Date				10/9/2020 8:25:00 AM	10/9/2020 9:10:00 AM
Sample Depth					
608.3 (µg/L)					
PCB 1016	5	5	10	ND (0.108)	NT
PCB 1221	5	5	10	ND (0.108)	NT
PCB 1232	5	5	10	ND (0.108)	NT
PCB 1242	5	5	10	ND (0.108)	NT
PCB 1248	5	5	10	ND (0.108)	NT
PCB 1254	5	5	10	ND (0.108)	NT
PCB 1260	5	5	10	ND (0.108)	NT
624.1 (µg/L)					
1,2-DIBROMOETHANE (EDB)	2	2	50000	ND (0.500) *	NT
ACETONE	50000	50000	50000	ND (50.0)	NT
TERT-AMYL METHYL ETHER	~	~	~	ND (0.500)	NT
BENZENE	1000	1000	10000	ND (1.00)	NT
BROMODICHLOROMETHANE	6	6	50000	ND (2.00)	NT
BROMOFORM	700	700	50000	ND (2.00)	NT
BROMOMETHANE	7	7	800	ND (2.00)	NT
TERT-BUTYL ALCOHOL	10000	~	~	ND (20.0)	NT
CARBON TETRACHLORIDE	2	2	5000	ND (2.00)	NT
CHLOROBENZENE	200	200	1000	ND (2.00)	NT
CHLORODIBROMOMETHANE	20	20	50000	ND (2.00)	NT
CHLOROETHANE	10000	~	~	ND (2.00)	NT
CHLOROFORM	50	50	20000	ND (2.00)	NT
CHLOROMETHANE	10000	~	~	ND (2.00)	NT
1,2-DICHLOROETHANE	5	5	20000	ND (2.00)	NT
CIS-1,2-DICHLOROETHYLENE	20	20	50000	ND (1.00)	NT
1,1-DICHLOROETHANE	2000	2000	20000	ND (2.00)	NT
1,1-DICHLOROETHYLENE	80	80	30000	ND (2.00)	NT
TRANS-1,2-DICHLOROETHYLENE	80	80	50000	ND (2.00)	NT
1,2-DICHLOROPROPANE	3	3	50000	ND (2.00)	NT
CIS-1,3-DICHLOROPROPENE	5	10	200	ND (2.00) *	NT
1,4-DIOXANE	6000	6000	50000	ND (50.0) *	NT
TRANS-1,3-DICHLOROPROPENE	5	10	200	ND (2.00) *	NT
ETHANOL	~	~	~	ND (50.0)	NT
METHYL TERT-BUTYL ETHER (MTBE)	5000	50000	50000	ND (2.00)	NT
METHYLENE CHLORIDE	2000	2000	50000	ND (5.00)	NT
1,1,2,2-TETRACHLOROETHANE	9	9	50000	ND (2.00)	NT
TETRACHLOROETHYLENE	50	50	30000	0.850	NT
1,1,1-TRICHLOROETHANE	4000	4000	20000	ND (2.00)	NT
1,1,2-TRICHLOROETHANE	900	900	50000	ND (2.00)	NT
TRICHLOROETHYLENE	5	5	5000	ND (2.00)	NT
TRICHLOROFLUOROMETHANE	100000	~	~	ND (2.00)	NT
VINYL CHLORIDE	2	2	50000	ND (2.00)	NT
625.1(1) (µg/L)					
ACENAPHTHENE	6000	~	10000	ND (4.85)	NT
ACENAPHTHYLENE	40	10000	40	ND (4.85)	NT
ANTHRACENE	30	~	30	ND (4.85)	NT
BENZIDINE	1000	~	~	ND (19.4)	NT
BENZO(G,H,I)PERYLENE	20	~	20	ND (4.85)	NT
4-BROMOPHENYL PHENYL ETHER	10000	~	~	ND (9.71)	NT
BUTYLBENZYLPHTHALATE	10000	~	~	ND (9.71)	NT
4-CHLORO-3-METHYLPHENOL	100000	~	~	ND (9.71)	NT
BIS(2-CHLOROETHYL)ETHER	30	30	50000	ND (9.71)	NT
BIS(2-CHLOROISOPROPYL)ETHER	100	100	50000	ND (9.71)	NT
2-CHLORONAPHTHALENE	100000	~	~	ND (9.71)	NT
2-CHLOROPHENOL	7000	20000	7000	ND (9.71)	NT
4-CHLOROPHENYLPHENYL ETHER	100000	~	~	ND (9.71)	NT
DI-N-BUTYLPHTHALATE	5000	~	~	ND (9.71)	NT
1,3-DICHLOROBENZENE	6000	6000	50000	ND (4.85)	NT
1,4-DICHLOROBENZENE	60	60	8000	ND (4.85)	NT
1,2-DICHLOROBENZENE	2000	8000	2000	ND (4.85)	NT
3,3'-DICHLOROBENZIDINE	2000	~	2000	ND (9.71)	NT
2,4-DICHLOROPHENOL	2000	30000	2000	ND (9.71)	NT
DIETHYLPHTHALATE	9000	50000	9000	ND (9.71)	NT
2,4-DIMETHYLPHENOL	40000	40000	50000	ND (9.71)	NT
DIMETHYLPHTHALATE	50000	50000	50000	ND (9.71)	NT
4,6-DINITRO-2-METHYLPHENOL	5000	~	~	ND (9.71)	NT
2,4-DINITROPHENOL	20000	50000	20000	ND (9.71)	NT
2,4-DINITROTOLUENE	20000	20000	50000	ND (9.71)	NT
2,6-DINITROTOLUENE	10000	~	~	ND (9.71)	NT
DI-N-OCTYLPHTHALATE	100000	~	~	ND (9.71)	NT
1,2-DIPHENYLHYDRAZINE (AZOBENZENE)	5000	~	~	ND (9.71)	NT
BIS(2-ETHYLHEXYL)PHTHALATE	50000	~	50000	ND (9.71) *	NT
FLUORANTHENE	200	~	200	ND (4.85)	NT
FLUORENE	40	~	40	ND (4.85)	NT
HEXACHLOROBENZENE	1	1	6000	**ND (9.71) ***	NT
HEXACHLOROBUTADIENE	50	50	3000	ND (9.71) *	NT
HEXACHLOROCYCLOPENTADIENE	5000	~	~	ND (9.71)	NT
HEXACHLOROETHANE	100	100	50000	ND (9.71) *	NT
ISOPHORONE	10000	~	~	ND (9.71)	NT
NAPHTHALENE	700	700	20000	ND (4.85)	NT
NITROBENZENE	50000	~	~	ND (9.71)	NT
2-NITROPHENOL	10000	~	~	ND (9.71)	NT
4-NITROPHENOL	10000	~	~	ND (9.71)	NT
N-NITROSODIMETHYLAMINE	5000	~	~	ND (9.71)	NT
N-NITROSODIPHENYLAMINE	10000	~	~	ND (9.71)	NT
N-NITROSO-DI-N-PROPYLAMINE	5000	~	~	ND (9.71)	NT
2-METHYLNAPHTHALENE	2000	2000	20000	ND (4.85)	NT
PHENANTHRENE	10000	~	10000	ND (4.85)	NT

Table 3 -
FSL Groundwater Results
372 Cambridge St.,
Boston, MA

	Reportable Concentrations (RCs)	MCP - Method 1 Cleanup Standard		SAMPLING LOCATION	
	RCGW-2	GW-2	GW-3	FSL-3	SDO-037
O-CRESOL	50000	~	~	ND (9.71)	NT
PHENOL	2000	50000	2000	ND (9.71)	NT
M/P-CRESOL	50000	~	~	ND (19.4)	NT
PYRENE	20	~	20	ND (4.85)	NT
1,2,4-TRICHLOROBENZENE	200	200	50000	ND (4.85)	NT
2,4,6-TRICHLOROPHENOL	500	5000	500	ND (9.71)	NT
625.1(2) (µg/L)					
BENZO(A)ANTHRACENE	1000	~	1000	0.038	NT
BENZO(A)PYRENE	500	~	500	0.017	NT
BENZO(B)FLUORANTHENE	400	~	400	0.023	NT
BENZO(K)FLUORANTHENE	100	~	100	0.020	NT
BIS(2-ETHYLHEXYL)PHTHALATE	50000	~	50000	ND (0.97)	NT
CHRYSENE	70	~	70	0.032	NT
DIBENZ(A,H)ANTHRACENE	40	~	40	ND (0.097)	NT
INDENO(1,2,3-CD)PYRENE	100	~	100	ND (0.097)	NT
PENTACHLOROPHENOL	200	~	200	ND (0.97)	NT
EPA 1664B (mg/L)					
SILICA GEL TREATED HEM (SGT-HEM)	~	~	~	ND (2.8)	NT
EPA 200.7 (mg/L) Metals Digestion					
HARDNESS	~	~	~	35	310
IRON	~	~	~	2.3	NT
IRON	~	~	~	ND (0.050)	ND (0.050)
EPA 200.8 (µg/L) Metals Digestion					
ANTIMONY	8000	~	8000	ND (1.0)	NT
ARSENIC	900	~	900	ND (0.80)	NT
CADMIUM	4	~	4	ND (0.20)	NT
CHROMIUM	300	~	300	4.3	3.1
COPPER	100000	~	~	6.1	NT
LEAD	10	~	10	1.7	NT
NICKEL	200	~	200	ND (5.0)	NT
SELENIUM	100	~	100	4.0	NT
SILVER	7	~	7	ND (0.20)	NT
ZINC	900	~	900	ND (10)	NT
ANTIMONY	8000	~	8000	ND (1.0)	ND (1.0)
ARSENIC	900	~	900	ND (0.80)	1.4
CADMIUM	4	~	4	ND (0.20)	ND (0.20)
CHROMIUM	300	~	300	NT	1.1
COPPER	100000	~	~	3.4	6.8
LEAD	10	~	10	1.8	2.9
NICKEL	200	~	200	ND (5.0)	5.9
SELENIUM	100	~	100	ND (5.0)	5.2
SILVER	7	~	7	ND (0.20)	ND (0.20)
ZINC	900	~	900	ND (10)	21
EPA 245.1 (mg/L) Metals Digestion					
MERCURY	0.02	~	0.02	ND (0.00010)	ND (0.00010)
MERCURY	0.02	~	0.02	ND (0.00010)	ND (0.00010)
EPA 300.0 (mg/L)					
CHLORIDE	~	~	~	57	NT
EPA 350.1 (mg/L)					
AMMONIA AS N	10	~	~	ND (0.10)	NT
EPA 420.1 (mg/L)					
PHENOL	~	50	2	ND (0.050)	NT
EPA 504.1 (µg/L)					
1,2-DIBROMOETHANE (EDB)	2	2	50000	ND (0.021) *	NT
SM19-22 4500 NH3 C (mg/L)					
AMMONIA AS N	10	~	~	NT	ND (0.30)
SM21-22 2320B (mg/L)					
ALKALINITY	~	~	~	59	62
SM21-22 2540D (mg/L)					
TOTAL SUSPENDED SOLIDS	~	~	~	62	4.2
SM21-22 3500 Cr B (mg/L)					
CHROMIUM +6	0.3	~	0.3	ND (0.0040)	ND (0.0040)
SM21-22 4500 CL G (mg/L)					
CHLORINE, RESIDUAL	~	~	~	ND (0.020)	NT
SM21-22 4500 H B (pH Units)					
PH	~	~	~	7.8	7.6
SALINITY	~	~	~	ND (0.1)	1.3
CYANIDE	0.03	~	0.03	ND (0.005)	NT
Tri Chrome Calc. (mg/L) Metals Digestion					
CHROMIUM +3	0.6	~	0.6	0.0043	0.0031

NOTES:
1. An asterisk (*) following a detection limit indicates that the minimum laboratory reporting limit exceeds one or more of the regulatory criteria
2. ND = Not detected above the lab reporting limits shown in parenthesis.
3. NT = Not tested.
4. ~ = No Method 1 Standard or UCL available
5. Shaded values exceed the MCP Reportable Concentrations (RCs).
6. Bolded values exceed the Method 1 Cleanup Standards.
7. Bold Red values exceed the TCLP limits.

Enter number values in green boxes below

Notes:

Enter values in the units specified

↓

15.6398	Q_R = Enter upstream flow in **MGD**	Freshwater: Q_R equal to the 7Q10; enter alternate Q_R if approved by the State; enter 0 if no dilution factor approved Saltwater (estuarine and marine): enter Q_R if approved by the State; enter 0 if no entry
0.216	Q_P = Enter discharge flow in **MGD**	Discharge flow is equal to the design flow or 1 MGD, whichever is less
15.6398	Downstream 7Q10	Only if approved by State as the entry for Q_R; leave 0 if no entry

Enter a dilution factor, if other than zero

↓

73.4064	Saltwater (estuarine and marine): only if approved by the State Leave 0 if no entry

Enter values in the units specified

↓

35	C_d = Enter influent hardness in **mg/L** $CaCO_3$	Freshwater only
310	C_s = Enter receiving water hardness in **mg/L** $CaCO_3$	

Enter **receiving water** concentrations in the units specified

↓

7.6	pH in **Standard Units**	pH, temperature, and ammonia required for all discharges
17	Temperature in **°C**	Hardness required for freshwater
0	Ammonia in **mg/L**	Salinity required for saltwater (estuarine and marine)
310	Hardness in **mg/L** $CaCO_3$	Metals required for all discharges if present and if dilution factor is > 1
1.3	Salinity in **ppt**	Enter 0 if non-detect or testing not required
0	Antimony in **µg/L**	
1.4	Arsenic in **µg/L**	
0	Cadmium in **µg/L**	
3.1	Chromium III in **µg/L**	
0	Chromium VI in **µg/L**	
6.8	Copper in **µg/L**	
0	Iron in **µg/L**	
2.9	Lead in **µg/L**	
0	Mercury in **µg/L**	
5.9	Nickel in **µg/L**	
5.2	Selenium in **µg/L**	
0	Silver in **µg/L**	
21	Zinc in **µg/L**	

Enter **influent** concentrations in the units specified

↓

0	TRC in **µg/L**	if >1 sample, enter maximum if >10 samples, may enter 95th percentile Enter 0 if non-detect or testing not required
0	Ammonia in **mg/L**	
0	Antimony in **µg/L**	
0	Arsenic in **µg/L**	
0	Cadmium in **µg/L**	
4.3	Chromium III in **µg/L**	
0	Chromium VI in **µg/L**	
3400	Copper in **µg/L**	
2,300	Iron in **µg/L**	
1800	Lead in **µg/L**	
0	Mercury in **µg/L**	
0	Nickel in **µg/L**	
0	Selenium in **µg/L**	
0	Silver in **µg/L**	
0	Zinc in **µg/L**	
0	Cyanide in **µg/L**	
0	Phenol in **µg/L**	
0	Carbon Tetrachloride in **µg/L**	
0	Tetrachloroethylene in **µg/L**	
0	Total Phthalates in **µg/L**	
0	Diethylhexylphthalate in **µg/L**	
0	Benzo(a)anthracene in **µg/L**	
0	Benzo(a)pyrene in **µg/L**	
0	Benzo(b)fluoranthene in **µg/L**	
0	Benzo(k)fluoranthene in **µg/L**	
0	Chrysene in **µg/L**	
0	Dibenzo(a,h)anthracene in **µg/L**	
0	Indeno(1,2,3-cd)pyrene in **µg/L**	
0	Methyl-tert butyl ether in **µg/L**	

Dilution Factor	73.4					
A. Inorganics	TBEL applies if bolded		WQBEL applies if bolded		Compliance Level applies if shown	
Ammonia	**Report**	mg/L	---			
Chloride	**Report**	µg/L	---			
Total Residual Chlorine	**0.2**	mg/L	796	µg/L	---	µg/L
Total Suspended Solids	**30**	mg/L	---			
Antimony	**206**	µg/L	46340	µg/L		
Arsenic	**104**	µg/L	623	µg/L		
Cadmium	**10.2**	µg/L	0.6265	µg/L		
Chromium III	**323**	µg/L	15557.5	µg/L		
Chromium VI	**323**	µg/L	827.9	µg/L		
Copper	**242**	µg/L	1286.1	µg/L		
Iron	**5000**	µg/L	72406	µg/L		
Lead	**160**	µg/L	764.53	µg/L		
Mercury	**0.739**	µg/L	65.59	µg/L		
Nickel	**1450**	µg/L	9422.1	µg/L		
Selenium	**235.8**	µg/L	5.0	µg/L		
Silver	**35.1**	µg/L	1923.5	µg/L		
Zinc	**420**	µg/L	21136.2	µg/L		
Cyanide	**178**	mg/L	376.5	µg/L	---	µg/L
B. Non-Halogenated VOCs						
Total BTEX	**100**	µg/L	---			
Benzene	**5.0**	µg/L	---			
1,4 Dioxane	**200**	µg/L	---			
Acetone	**7970**	µg/L	---			
Phenol	**1,080**	µg/L	21722	µg/L		
C. Halogenated VOCs						
Carbon Tetrachloride	**4.4**	µg/L	115.9	µg/L		
1,2 Dichlorobenzene	**600**	µg/L	---			
1,3 Dichlorobenzene	**320**	µg/L	---			
1,4 Dichlorobenzene	**5.0**	µg/L	---			
Total dichlorobenzene	**---**	µg/L	---			
1,1 Dichloroethane	**70**	µg/L	---			
1,2 Dichloroethane	**5.0**	µg/L	---			
1,1 Dichloroethylene	**3.2**	µg/L	---			
Ethylene Dibromide	**0.05**	µg/L	---			
Methylene Chloride	**4.6**	µg/L	---			
1,1,1 Trichloroethane	**200**	µg/L	---			
1,1,2 Trichloroethane	**5.0**	µg/L	---			
Trichloroethylene	**5.0**	µg/L	---			
Tetrachloroethylene	**5.0**	µg/L	238.9	µg/L		
cis-1,2 Dichloroethylene	**70**	µg/L	---			
Vinyl Chloride	**2.0**	µg/L	---			
D. Non-Halogenated SVOCs						
Total Phthalates	**190**	µg/L	---	µg/L		
Diethylhexyl phthalate	**101**	µg/L	159.3	µg/L		
Total Group I Polycyclic Aromatic Hydrocarbons	**1.0**	µg/L	---			
Benzo(a)anthracene	**1.0**	µg/L	0.2751	µg/L	---	µg/L
Benzo(a)pyrene	**1.0**	µg/L	0.2751	µg/L	---	µg/L
Benzo(b)fluoranthene	**1.0**	µg/L	0.2751	µg/L	---	µg/L
Benzo(k)fluoranthene	**1.0**	µg/L	0.2751	µg/L	---	µg/L
Chrysene	**1.0**	µg/L	0.2751	µg/L	---	µg/L
Dibenzo(a,h)anthracene	**1.0**	µg/L	0.2751	µg/L	---	µg/L
Indeno(1,2,3-cd)pyrene	**1.0**	µg/L	0.2751	µg/L	---	µg/L
Total Group II Polycyclic Aromatic Hydrocarbons	**100**	µg/L	---			
Naphthalene	**20**	µg/L	---			
E. Halogenated SVOCs						
Total Polychlorinated Biphenyls	**0.000064**	µg/L	---		0.5	µg/L
Pentachlorophenol	**1.0**	µg/L	---			
F. Fuels Parameters						
Total Petroleum Hydrocarbons	**5.0**	mg/L	---			
Ethanol	**Report**	mg/L	---			
Methyl-tert-Butyl Ether	**70**	µg/L	1448	µg/L		
tert-Butyl Alcohol	**120**	µg/L	---			
tert-Amyl Methyl Ether	**90**	µg/L	---			

From: Begin, Jodi
To: jkennedy@fslassociates.com
Cc: apieroni@fslassociates.com
Subject: RE: 372 Cambridge
Date: Thursday, September 24, 2020 4:23:15 PM

When I followed the line on large map, that is the outfall it lead me to…

Thanks, Jodi

From: jkennedy@fslassociates.com <jkennedy@fslassociates.com>
Sent: Thursday, September 24, 2020 1:32 PM
To: Begin, Jodi <beginj@BWSC.ORG>
Cc: apieroni@fslassociates.com
Subject: RE: 372 Cambridge

Hello Jodi,

I just want to confirm that in these figures you sent me the outfall from 372 Cambridge Street in Allston is at the outfall labelled SDO 037?

Thank you
Joe Kennedy
Environmental Scientist
FSL Associates, Inc.
356 Chestnut Hill Ave
Boston, MA 02135
617-232-0001 (Office)
781-535-2165 (Cell)

From: Begin, Jodi <beginj@BWSC.ORG>
Sent: Monday, September 21, 2020 3:34 PM
To: jkennedy@fslassociates.com
Subject: 372 Cambridge

Hi Joe~ your requested maps are attached.

Thanks, Jodi

apieroni@fslassociates.com

From: Keohane, Kathleen (DEP) <kathleen.keohane@state.ma.us>
Sent: Wednesday, July 28, 2021 9:24 AM
To: apieroni@fslassociates.com
Cc: Vakalopoulos, Catherine (DEP); Ruan, Xiaodan (DEP)
Subject: RE: 372 Cambridge Street Dilution Factor Verification

Hi, Andrew -

The 7Q10 of 24.2 cfs (15.64 MGD) and the dilution factor calculation of 73.4 using a design flow of 150 gpm (0.216 MGD) for the proposed discharge at BWSC Ouftall SDO-037 to the Charles River from 372 Cambridge St., Allston is correct.

Here is water quality information to assist you with filling out the NOI (some of which you already have):

Waterbody and ID: Charles River (MA72-36)
Classification: B, Warm water fishery
Outstanding Resource Water?: No

State's most recent Integrated List is located here: https://www.epa.gov/sites/production/files/2020-01/documents/2016-ma-303d-list-report.pdf, search for "MA72-36" to see the causes of impairments.
TMDLs: There are approved TMDL (pathogens and phosphorus) for this segment.

As you may know, if this is not a current MCP site, then in addition to submitting the NOI to EPA, you need to apply with MassDEP and submit a $500 fee (unless fee exempt, e.g., municipality) using ePLACE. Instructions on how to apply are located here: https://www.mass.gov/how-to/wm-15-npdes-general-permit-notice-of-intent and information on how to get ePLACE technical assistance is available on the ePLACE Portal webpage: https://eplace.eea.mass.gov/citizenaccess/.

Please let me know if you have any questions.

From: Vakalopoulos, Catherine (DEP) <catherine.vakalopoulos@mass.gov>
Sent: Tuesday, July 27, 2021 2:19 PM
To: Keohane, Kathleen (DEP) <Kathleen.Keohane@mass.gov>
Subject: Fw: 372 Cambridge Street Dilution Factor Verification

Hi Kathleen,
Do you have time for one more? If not, it's totally ok. I know you're not working much this week and are trying to tie up loose ends.
Cathy

Cathy Vakalopoulos
Massachusetts Department of Environmental Protection
1 Winter St., Boston, MA 02108, 617-348-4026

From: apieroni@fslassociates.com <apieroni@fslassociates.com>
Sent: Tuesday, July 27, 2021 2:14 PM
To: Vakalopoulos, Catherine (DEP) <catherine.vakalopoulos@mass.gov>

Cc: Little, Shauna <Little.Shauna@epa.gov>; bhoskins@fslassociates.com <bhoskins@fslassociates.com>; jkennedy@fslassociates.com <jkennedy@fslassociates.com>
Subject: 372 Cambridge Street Dilution Factor Verification

Good Afternoon Shauna,

I am emailing you to verify a dilution factor for an upcoming RGP NOI I will be submitting soon for 372 Cambridge Street in Allston, MA.

The design flow is 150 gpm = 0.216 MGD. The discharge location is Outfall No. SDO-037, as specified by Jodi Begins at BWSC (see attached email correspondence). I ran a StreamStats report for a point closest to the suggested discharge location and got an updated 7Q10 of 24.2 = 15.64 MGD (see attached StreamStats report). Therefore, the calculated dilution factor was 73.4 (see attached excel sheet). Do you approve this dilution factor?

Let me know if you have any questions.

Thank you,

Andrew Pieroni
Civil/Environmental Project Manager
FSL Associates, Inc.
358 Chestnut Hill Avenue
Boston, MA 02135
617-232-0001 (Office)
603-785-2432 (Cell)
apieroni@fslassociates.com

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December 23, 2020

Andrew Pieroni
FSL Associates
358 Chestnut Hill Ave
Brighton, MA 02135

Project Location: 372 Cambridge St., Boston, MA
Client Job Number:
Project Number: 327 Cambridge St.
Laboratory Work Order Number: 20J0525

Enclosed are results of analyses for samples received by the laboratory on October 9, 2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager

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FSL Associates
358 Chestnut Hill Ave
Brighton, MA 02135
ATTN: Andrew Pieroni

REPORT DATE: 12/23/2020

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 327 Cambridge St.

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 20J0525

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 372 Cambridge St., Boston, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
FSL-3	20J0525-01	Ground Water		608.3	
				624.1	
				625.1	
				EPA 1664B	
				EPA 200.7	
				EPA 200.8	
				EPA 245.1	
				EPA 300.0	
				EPA 335.4	MA M-MA-086/CT PH-0574/NY11148
				EPA 350.1	
				EPA 420.1	
				EPA 504.1	
				SM21-22 2320B	
				SM21-22 2540D	
				SM21-22 3500 Cr B	
				SM21-22 4500 CL G	
				SM21-22 4500 H B	
				SM2520B	MA M-RI010/CT PH-0740/NY11673/+ Additional
				Tri Chrome Calc.	
SBO-037	20J0525-02	Ground Water		EPA 200.7	
				EPA 200.8	
				EPA 245.1	
				SM19-22 4500 NH3 C	
				SM21-22 2320B	
				SM21-22 2540D	
				SM21-22 3500 Cr B	
				SM21-22 4500 H B	
				SM2520B	MA M-RI010/CT PH-0740/NY11673/+ Additional
				Tri Chrome Calc.	

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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.

REVISED 10/23/2020: Trivalent Chromium group and dissolved chromium added to sample -02, per client request.

REVISED 12/2/2020:624 analysis reporting list revised, per client request

REVISED 12/16/2020: 624 and 625 analysis reporting lists expanded, per client request.

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625.1

Qualifications:

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

2-Chloronaphthalene
20J0525-01[FSL-3], B268461-BLK1, B268461-BS1, B268461-BSD1

Benzidine
20J0525-01[FSL-3], B268461-BLK1, B268461-BS1, B268461-BSD1

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.

Analyte & Samples(s) Qualified:

1,2,4-Trichlorobenzene
B268461-BSD1

Fluorene
B268461-BSD1

Hexachlorocyclopentadiene
B268461-BSD1

Hexachloroethane
B268461-BSD1

N-Nitrosodimethylamine
B268461-BSD1

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

1,2-Dichlorobenzene
20J0525-01[FSL-3], B268461-BLK1, B268461-BS1, B268461-BSD1

1,3-Dichlorobenzene
20J0525-01[FSL-3], B268461-BLK1, B268461-BS1, B268461-BSD1

1,4-Dichlorobenzene
20J0525-01[FSL-3], B268461-BLK1, B268461-BS1, B268461-BSD1

Benzidine
20J0525-01[FSL-3], B268461-BLK1, B268461-BS1, B268461-BSD1

V-04

Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria. Reported result is estimated.

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol
20J0525-01[FSL-3]

Benzidine
20J0525-01[FSL-3], B268461-BLK1, B268461-BS1, B268461-BSD1

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Benzidine
20J0525-01[FSL-3], B268461-BLK1, B268461-BS1, B268461-BSD1

V-20

Continuing calibration verification (CCV) 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:

N-Nitrosodimethylamine
20J0525-01[FSL-3]

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V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

Benzidine

20J0525-01[FSL-3], B268461-BLK1, B268461-BS1, B268461-BSD1

SM21-22 3500 Cr B

Qualifications:

H-10

Analysis was requested after the recommended holding time had passed.

Analyte & Samples(s) Qualified:

Hexavalent Chromium

20J0525-02[SBO-037], B269124-MS1, B269124-MSD1

SM21-22 4500 H B

Qualifications:

H-05

Holding time was exceeded. pH analysis should be performed immediately at time of sampling. Nominal 15 minute holding time was exceeded.

Analyte & Samples(s) Qualified:

pH

20J0525-01[FSL-3], 20J0525-02[SBO-037]

The results of analyses reported only relate to samples submitted to Con-Test, a Pace 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.

Lisa A. Worthington
Technical Representative

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 372 Cambridge St., Boston, MA Sample Description: Work Order: 20J0525

Date Received: 10/9/2020

Field Sample #: FSL-3 Sampled: 10/9/2020 08:25

Sample ID: 20J0525-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2-Dibromoethane (EDB)	<0.190	0.500	0.190	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Acetone	<3.79	50.0	3.79	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
tert-Amyl Methyl Ether (TAME)	<0.140	0.500	0.140	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Benzene	<0.180	1.00	0.180	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Bromodichloromethane	<0.160	2.00	0.160	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Bromoform	<0.460	2.00	0.460	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Bromomethane	<1.38	2.00	1.38	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
tert-Butyl Alcohol (TBA)	<4.17	20.0	4.17	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Carbon Tetrachloride	<0.110	2.00	0.110	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Chlorobenzene	<0.150	2.00	0.150	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Chlorodibromomethane	<0.210	2.00	0.210	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Chloroethane	<0.360	2.00	0.360	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Chloroform	<0.170	2.00	0.170	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Chloromethane	<0.450	2.00	0.450	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
1,2-Dichloroethane	<0.410	2.00	0.410	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
cis-1,2-Dichloroethylene	<0.130	1.00	0.130	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
1,1-Dichloroethane	<0.160	2.00	0.160	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
1,1-Dichloroethylene	<0.320	2.00	0.320	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
trans-1,2-Dichloroethylene	<0.310	2.00	0.310	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
1,2-Dichloropropane	<0.200	2.00	0.200	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
cis-1,3-Dichloropropene	<0.130	2.00	0.130	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
1,4-Dioxane	<22.5	50.0	22.5	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
trans-1,3-Dichloropropene	<0.230	2.00	0.230	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Ethanol	<10.5	50.0	10.5	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Methyl tert-Butyl Ether (MTBE)	<0.250	2.00	0.250	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Methylene Chloride	<0.340	5.00	0.340	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
1,1,2,2-Tetrachloroethane	<0.220	2.00	0.220	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Tetrachloroethylene	0.850	2.00	0.180	µg/L	1	J	624.1	10/12/20	10/13/20 2:40	LBD
1,1,1-Trichloroethane	<0.200	2.00	0.200	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
1,1,2-Trichloroethane	<0.160	2.00	0.160	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Trichloroethylene	<0.240	2.00	0.240	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Trichlorofluoromethane (Freon 11)	<0.330	2.00	0.330	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD
Vinyl Chloride	<0.450	2.00	0.450	µg/L	1		624.1	10/12/20	10/13/20 2:40	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92.6	70-130		10/13/20 2:40
Toluene-d8	97.5	70-130		10/13/20 2:40
4-Bromofluorobenzene	98.6	70-130		10/13/20 2:40

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Project Location: 372 Cambridge St., Boston, MA Sample Description: Work Order: 20J0525

Date Received: 10/9/2020

Field Sample #: FSL-3 Sampled: 10/9/2020 08:25

Sample ID: 20J0525-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzo(a)anthracene (SIM)	0.038	0.049	0.016	µg/L	1	J	625.1	10/12/20	10/13/20 20:44	RMW
Benzo(a)pyrene (SIM)	0.017	0.097	0.012	µg/L	1	J	625.1	10/12/20	10/13/20 20:44	RMW
Benzo(b)fluoranthene (SIM)	0.023	0.049	0.015	µg/L	1	J	625.1	10/12/20	10/13/20 20:44	RMW
Benzo(k)fluoranthene (SIM)	0.020	0.19	0.012	µg/L	1	J	625.1	10/12/20	10/13/20 20:44	RMW
Bis(2-ethylhexyl)phthalate (SIM)	<0.41	0.97	0.41	µg/L	1		625.1	10/12/20	10/13/20 20:44	RMW
Chrysene (SIM)	0.032	0.19	0.015	µg/L	1	J	625.1	10/12/20	10/13/20 20:44	RMW
Dibenz(a,h)anthracene (SIM)	<0.017	0.097	0.017	µg/L	1		625.1	10/12/20	10/13/20 20:44	RMW
Indeno(1,2,3-cd)pyrene (SIM)	<0.017	0.097	0.017	µg/L	1		625.1	10/12/20	10/13/20 20:44	RMW
Pentachlorophenol (SIM)	<0.32	0.97	0.32	µg/L	1		625.1	10/12/20	10/13/20 20:44	RMW

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol (SIM)	40.2	15-110		10/13/20 20:44
Phenol-d6 (SIM)	28.8	15-110		10/13/20 20:44
Nitrobenzene-d5	64.9	30-130		10/13/20 20:44
2-Fluorobiphenyl	52.3	30-130		10/13/20 20:44
2,4,6-Tribromophenol (SIM)	85.1	15-110		10/13/20 20:44
p-Terphenyl-d14	58.6	30-130		10/13/20 20:44

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Project Location: 372 Cambridge St., Boston, MA Sample Description: Work Order: 20J0525

Date Received: 10/9/2020

Field Sample #: FSL-3 Sampled: 10/9/2020 08:25

Sample ID: 20J0525-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	<4.85	4.85	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Acenaphthylene	<4.85	4.85	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Anthracene	<4.85	4.85	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Benzidine	<19.4	19.4	µg/L	1	V-04, V-05, L-04, R-05, V-34	625.1	10/12/20	10/13/20 18:19	BGL
Benzo(g,h,i)perylene	<4.85	4.85	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
4-Bromophenylphenylether	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Butylbenzylphthalate	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
4-Chloro-3-methylphenol	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Bis(2-chloroethyl)ether	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Bis(2-chloroisopropyl)ether	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
2-Chloronaphthalene	<9.71	9.71	µg/L	1	L-04	625.1	10/12/20	10/13/20 18:19	BGL
2-Chlorophenol	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
4-Chlorophenylphenylether	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Di-n-butylphthalate	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
1,3-Dichlorobenzene	<4.85	4.85	µg/L	1	R-05	625.1	10/12/20	10/13/20 18:19	BGL
1,4-Dichlorobenzene	<4.85	4.85	µg/L	1	R-05	625.1	10/12/20	10/13/20 18:19	BGL
1,2-Dichlorobenzene	<4.85	4.85	µg/L	1	R-05	625.1	10/12/20	10/13/20 18:19	BGL
3,3-Dichlorobenzidine	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
2,4-Dichlorophenol	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Diethylphthalate	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
2,4-Dimethylphenol	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Dimethylphthalate	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
4,6-Dinitro-2-methylphenol	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
2,4-Dinitrophenol	<9.71	9.71	µg/L	1	V-04	625.1	10/12/20	10/13/20 18:19	BGL
2,4-Dinitrotoluene	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
2,6-Dinitrotoluene	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Di-n-octylphthalate	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
1,2-Diphenylhydrazine/Azobenzene	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Bis(2-Ethylhexyl)phthalate	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Fluoranthene	<4.85	4.85	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Fluorene	<4.85	4.85	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Hexachlorobenzene	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Hexachlorobutadiene	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Hexachlorocyclopentadiene	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Hexachloroethane	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Isophorone	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Naphthalene	<4.85	4.85	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Nitrobenzene	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
2-Nitrophenol	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
4-Nitrophenol	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
N-Nitrosodimethylamine	<9.71	9.71	µg/L	1	V-20	625.1	10/12/20	10/13/20 18:19	BGL
N-Nitrosodiphenylamine/Diphenylamine	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
N-Nitrosodi-n-propylamine	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL

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Project Location: 372 Cambridge St., Boston, MA Sample Description: Work Order: 20J0525

Date Received: 10/9/2020

Field Sample #: FSL-3 Sampled: 10/9/2020 08:25

Sample ID: 20J0525-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylnaphthalene	<4.85	4.85	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Phenanthrene	<4.85	4.85	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
2-Methylphenol	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Phenol	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
3/4-Methylphenol	<19.4	19.4	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
Pyrene	<4.85	4.85	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
1,2,4-Trichlorobenzene	<4.85	4.85	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL
2,4,6-Trichlorophenol	<9.71	9.71	µg/L	1		625.1	10/12/20	10/13/20 18:19	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	41.2	15-110		10/13/20 18:19
Phenol-d6	29.2	15-110		10/13/20 18:19
Nitrobenzene-d5	66.7	30-130		10/13/20 18:19
2-Fluorobiphenyl	71.8	30-130		10/13/20 18:19
2,4,6-Tribromophenol	88.3	15-110		10/13/20 18:19
p-Terphenyl-d14	93.6	30-130		10/13/20 18:19

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Project Location: 372 Cambridge St., Boston, MA Sample Description: Work Order: 20J0525

Date Received: 10/9/2020

Field Sample #: FSL-3 Sampled: 10/9/2020 08:25

Sample ID: 20J0525-01

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	<0.0989	0.108	0.0989	µg/L	1		608.3	10/14/20	10/16/20 0:04	TG
Aroclor-1221 [1]	<0.0866	0.108	0.0866	µg/L	1		608.3	10/14/20	10/16/20 0:04	TG
Aroclor-1232 [1]	<0.107	0.108	0.107	µg/L	1		608.3	10/14/20	10/16/20 0:04	TG
Aroclor-1242 [1]	<0.0930	0.108	0.0930	µg/L	1		608.3	10/14/20	10/16/20 0:04	TG
Aroclor-1248 [1]	<0.102	0.108	0.102	µg/L	1		608.3	10/14/20	10/16/20 0:04	TG
Aroclor-1254 [1]	<0.0565	0.108	0.0565	µg/L	1		608.3	10/14/20	10/16/20 0:04	TG
Aroclor-1260 [1]	<0.105	0.108	0.105	µg/L	1		608.3	10/14/20	10/16/20 0:04	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.6	30-150		10/16/20 0:04
Decachlorobiphenyl [2]	91.3	30-150		10/16/20 0:04
Tetrachloro-m-xylene [1]	79.5	30-150		10/16/20 0:04
Tetrachloro-m-xylene [2]	73.5	30-150		10/16/20 0:04

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Project Location: 372 Cambridge St., Boston, MA Sample Description: Work Order: 20J0525

Date Received: 10/9/2020

Field Sample #: FSL-3 Sampled: 10/9/2020 08:25

Sample ID: 20J0525-01

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		EPA 200.8	10/10/20	10/11/20 16:45	MJH
Arsenic	ND	0.80		µg/L	1		EPA 200.8	10/10/20	10/11/20 16:45	MJH
Cadmium	ND	0.20		µg/L	1		EPA 200.8	10/10/20	10/11/20 16:45	MJH
Chromium	4.3	1.0		µg/L	1		EPA 200.8	10/10/20	10/11/20 16:45	QNW
Chromium, Trivalent	0.0043			mg/L	1		Tri Chrome Calc.	10/10/20	10/11/20 16:45	QNW
Copper	6.1	1.0		µg/L	1		EPA 200.8	10/10/20	10/11/20 16:45	MJH
Iron	2.3	0.050		mg/L	1		EPA 200.7	10/10/20	10/12/20 14:38	MJH
Lead	1.7	0.50		µg/L	1		EPA 200.8	10/10/20	10/11/20 16:45	MJH
Mercury	ND	0.00010		mg/L	1		EPA 245.1	10/12/20	10/13/20 11:38	CJV
Nickel	ND	5.0		µg/L	1		EPA 200.8	10/10/20	10/11/20 16:45	MJH
Selenium	4.0	5.0	1.6	µg/L	1	J	EPA 200.8	10/10/20	10/11/20 16:45	MJH
Silver	ND	0.20		µg/L	1		EPA 200.8	10/10/20	10/11/20 16:45	MJH
Zinc	ND	10		µg/L	1		EPA 200.8	10/10/20	10/11/20 16:45	MJH
Hardness	35	1.4		mg/L	1		EPA 200.7	10/10/20	10/12/20 14:38	MJH

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Project Location: 372 Cambridge St., Boston, MA Sample Description: Work Order: 20J0525

Date Received: 10/9/2020

Field Sample #: FSL-3 Sampled: 10/9/2020 08:25

Sample ID: 20J0525-01

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		EPA 200.8	10/12/20	10/13/20 11:47	QNW
Arsenic	ND	0.80	µg/L	1		EPA 200.8	10/12/20	10/13/20 11:47	QNW
Cadmium	ND	0.20	µg/L	1		EPA 200.8	10/12/20	10/13/20 11:47	QNW
Copper	3.4	1.0	µg/L	1		EPA 200.8	10/12/20	10/13/20 11:47	QNW
Iron	ND	0.050	mg/L	1		EPA 200.7	10/12/20	10/13/20 13:01	TBC
Lead	1.8	0.50	µg/L	1		EPA 200.8	10/13/20	10/14/20 10:35	QNW
Mercury	ND	0.00010	mg/L	1		EPA 245.1	10/13/20	10/13/20 11:57	CJV
Nickel	ND	5.0	µg/L	1		EPA 200.8	10/13/20	10/14/20 10:35	QNW
Selenium	ND	5.0	µg/L	1		EPA 200.8	10/12/20	10/13/20 11:47	QNW
Silver	ND	0.20	µg/L	1		EPA 200.8	10/12/20	10/13/20 11:47	QNW
Zinc	ND	10	µg/L	1		EPA 200.8	10/13/20	10/14/20 10:35	QNW

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Project Location: 372 Cambridge St., Boston, MA Sample Description: Work Order: 20J0525

Date Received: 10/9/2020

Field Sample #: FSL-3 Sampled: 10/9/2020 08:25

Sample ID: 20J0525-01

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alkalinity	59	1.0		mg/L	1		SM21-22 2320B	10/14/20	10/14/20 22:30	DJM
Ammonia as N	ND	0.10	0.045	mg/L	1		EPA 350.1	10/10/20	10/13/20 11:13	MMH
Chloride	57	10		mg/L	10		EPA 300.0	10/11/20	10/11/20 3:43	EC
Chlorine, Residual	ND	0.020		mg/L	1		SM21-22 4500 CL G	10/9/20	10/9/20 23:20	DJM
Hexavalent Chromium	ND	0.0040		mg/L	1		SM21-22 3500 Cr B	10/9/20	10/9/20 21:15	CB2
pH @11.5°C	7.8			pH Units	1	H-05	SM21-22 4500 H B	10/13/20	10/13/20 15:40	CB2
Phenol	ND	0.050		mg/L	1		EPA 420.1	10/12/20	10/14/20 11:30	LL
Total Suspended Solids	62	2.2		mg/L	1		SM21-22 2540D	10/12/20	10/12/20 13:50	LL
Silica Gel Treated HEM (SGT-HEM)	ND	2.8		mg/L	1		EPA 1664B	10/13/20	10/13/20 10:30	LL

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Project Location: 372 Cambridge St., Boston, MA Sample Description: Work Order: 20J0525

Date Received: 10/9/2020

Field Sample #: FSL-3 Sampled: 10/9/2020 08:25

Sample ID: 20J0525-01

Sample Matrix: Ground Water

Drinking Water Organics EPA 504.1

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2-Dibromoethane (EDB) (1)	ND	0.021	0.012	µg/L	1		EPA 504.1	10/16/20	10/17/20 2:14	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,3-Dibromopropane (1)	100	70-130		10/17/20 2:14
1,3-Dibromopropane (2)	108	70-130		10/17/20 2:14

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Project Location: 372 Cambridge St., Boston, MA Sample Description: Work Order: 20J0525

Date Received: 10/9/2020

Field Sample #: FSL-3 Sampled: 10/9/2020 08:25

Sample ID: 20J0525-01

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Salinity	ND	0.1		ppt	1		SM2520B		10/16/20 0:00	NET

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Project Location: 372 Cambridge St., Boston, MA Sample Description: Work Order: 20J0525

Date Received: 10/9/2020

Field Sample #: FSL-3 Sampled: 10/9/2020 08:25

Sample ID: 20J0525-01

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.005		mg/L	1		SM4500 CN-CE		10/13/20 0:00	AAL

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Project Location: 372 Cambridge St., Boston, MA Sample Description: Work Order: 20J0525

Date Received: 10/9/2020

Field Sample #: SBO-037 Sampled: 10/9/2020 09:10

Sample ID: 20J0525-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Chromium	3.1	1.0		µg/L	1		EPA 200.8	10/10/20	10/20/20 16:31	QNW
Chromium, Trivalent	0.0031			mg/L	1		Tri Chrome Calc.	10/10/20	10/20/20 16:31	QNW
Hardness	310	1.4		mg/L	1		EPA 200.7	10/10/20	10/12/20 14:45	MJH

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Project Location: 372 Cambridge St., Boston, MA Sample Description: Work Order: 20J0525

Date Received: 10/9/2020

Field Sample #: SBO-037 Sampled: 10/9/2020 09:10

Sample ID: 20J0525-02

Sample Matrix: Ground Water

Metals Analyses (Dissolved)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0	µg/L	1		EPA 200.8	10/12/20	10/13/20 11:50	QNW
Arsenic	1.4	0.80	µg/L	1		EPA 200.8	10/12/20	10/13/20 11:50	QNW
Cadmium	ND	0.20	µg/L	1		EPA 200.8	10/12/20	10/13/20 11:50	QNW
Chromium	1.1	1.0	µg/L	1		EPA 200.8	10/12/20	10/13/20 11:50	QNW
Copper	6.8	1.0	µg/L	1		EPA 200.8	10/12/20	10/13/20 11:50	QNW
Iron	ND	0.050	mg/L	1		EPA 200.7	10/12/20	10/13/20 13:09	TBC
Lead	2.9	0.50	µg/L	1		EPA 200.8	10/12/20	10/13/20 11:50	QNW
Mercury	ND	0.00010	mg/L	1		EPA 245.1	10/13/20	10/13/20 12:00	CJV
Nickel	5.9	5.0	µg/L	1		EPA 200.8	10/12/20	10/13/20 11:50	QNW
Selenium	5.2	5.0	µg/L	1		EPA 200.8	10/12/20	10/13/20 11:50	QNW
Silver	ND	0.20	µg/L	1		EPA 200.8	10/12/20	10/13/20 11:50	QNW
Zinc	21	10	µg/L	1		EPA 200.8	10/12/20	10/13/20 11:50	QNW

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Project Location: 372 Cambridge St., Boston, MA Sample Description: Work Order: 20J0525

Date Received: 10/9/2020

Field Sample #: SBO-037 Sampled: 10/9/2020 09:10

Sample ID: 20J0525-02

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alkalinity	62	1.0		mg/L	1		SM21-22 2320B	10/14/20	10/14/20 22:30	DJM
Ammonia as N	ND	0.30		mg/L	1		SM19-22 4500 NH3 C	10/15/20	10/16/20 9:12	MMH
Hexavalent Chromium	ND	0.0040		mg/L	1	H-10	SM21-22 3500 Cr B	10/20/20	10/20/20 22:30	CB2
pH @9.3°C	7.6			pH Units	1	H-05	SM21-22 4500 H B	10/13/20	10/13/20 15:40	CB2
Total Suspended Solids	4.2	1.0		mg/L	1		SM21-22 2540D	10/12/20	10/12/20 13:50	LL

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Project Location: 372 Cambridge St., Boston, MA Sample Description: Work Order: 20J0525

Date Received: 10/9/2020

Field Sample #: SBO-037 Sampled: 10/9/2020 09:10

Sample ID: 20J0525-02

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Salinity	1.3	0.1		ppt	1		SM2520B		10/16/20 0:00	NET

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Sample Extraction Data

Prep Method: SW-846 3510C **Analytical Method: 608.3**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268638	930	5.00	10/14/20

Prep Method: SW-846 5030B **Analytical Method: 624.1**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268452	5	5.00	10/12/20

Prep Method: SW-846 3510C **Analytical Method: 625.1**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268461	1030	1.00	10/12/20

Prep Method: SW-846 3510C **Analytical Method: 625.1**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268538	1030	1.00	10/12/20

EPA 1664B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268526	500		10/13/20

Prep Method: EPA 200.7 **Analytical Method: EPA 200.7**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268386	50.0	50.0	10/10/20
20J0525-01 [FSL-3]	B268386	50.0		10/10/20
20J0525-02 [SBO-037]	B268386	50.0		10/10/20

Prep Method: EPA 200.7 Dissolved **Analytical Method: EPA 200.7**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268513	50.0	50.0	10/12/20
20J0525-02 [SBO-037]	B268513	50.0	50.0	10/12/20

Prep Method: EPA 200.8 **Analytical Method: EPA 200.8**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268387	50.0	50.0	10/10/20
20J0525-02 [SBO-037]	B268387	50.0	50.0	10/10/20

Prep Method: EPA 200.8 Dissolved **Analytical Method: EPA 200.8**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268514	50.0	50.0	10/12/20

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Sample Extraction Data

Prep Method: EPA 200.8 Dissolved **Analytical Method: EPA 200.8**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-02 [SBO-037]	B268514	50.0	50.0	10/12/20

Prep Method: EPA 200.8 Dissolved **Analytical Method: EPA 200.8**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01RE1 [FSL-3]	B268585	10.0	10.0	10/13/20

Prep Method: EPA 245.1 **Analytical Method: EPA 245.1**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268458	6.00	6.00	10/12/20

Prep Method: EPA 245.1 Dissolved **Analytical Method: EPA 245.1**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268533	6.00	6.00	10/13/20
20J0525-02 [SBO-037]	B268533	6.00	6.00	10/13/20

Prep Method: EPA 300.0 **Analytical Method: EPA 300.0**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268412	10.0	10.0	10/11/20

EPA 350.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268381	50.0	50.0	10/10/20

EPA 420.1

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268460	50.0	50.0	10/12/20

Prep Method: EPA 504 water **Analytical Method: EPA 504.1**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268872	34.1	35.0	10/16/20

SM19-22 4500 NH3 C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-02 [SBO-037]	B268782	100	100	10/15/20

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Sample Extraction Data

SM21-22 2320B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268708	100	100	10/14/20
20J0525-02 [SBO-037]	B268708	100	100	10/14/20

SM21-22 2540D

Lab Number [Field ID]	Batch	Initial [mL]	Date
20J0525-01 [FSL-3]	B268447	230	10/12/20
20J0525-02 [SBO-037]	B268447	500	10/12/20

SM21-22 3500 Cr B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268378	50.0	50.0	10/09/20

SM21-22 3500 Cr B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-02 [SBO-037]	B269124	50.0	50.0	10/20/20

SM21-22 4500 CL G

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
20J0525-01 [FSL-3]	B268380	100	100	10/09/20

SM21-22 4500 H B

Lab Number [Field ID]	Batch	Initial [mL]	Date
20J0525-01 [FSL-3]	B268593	50.0	10/13/20
20J0525-02 [SBO-037]	B268593	50.0	10/13/20

Prep Method: EPA 200.8 Analytical Method: Tri Chrome Calc.

Lab Number [Field ID]	Batch	Initial [mL]	Date
20J0525-01 [FSL-3]	B268387	50.0	10/10/20
20J0525-02 [SBO-037]	B268387	50.0	10/10/20

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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 B268452 - SW-846 5030B										
Blank (B268452-BLK1)				Prepared: 10/12/20 Analyzed: 10/13/20						
1,2-Dibromoethane (EDB)	ND	0.500	µg/L				70-130			
Acetone	ND	50.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.500	µg/L							
Benzene	ND	1.00	µg/L							
Bromodichloromethane	ND	2.00	µg/L							
Bromoform	ND	2.00	µg/L							
Bromomethane	ND	2.00	µg/L							
tert-Butyl Alcohol (TBA)	ND	20.0	µg/L							
Carbon Tetrachloride	ND	2.00	µg/L							
Chlorobenzene	ND	2.00	µg/L							
Chlorodibromomethane	ND	2.00	µg/L							
Chloroethane	ND	2.00	µg/L							
Chloroform	ND	2.00	µg/L							
Chloromethane	ND	2.00	µg/L							
1,2-Dichloroethane	ND	2.00	µg/L							
cis-1,2-Dichloroethylene	ND	1.00	µg/L							
1,1-Dichloroethane	ND	2.00	µg/L							
1,1-Dichloroethylene	ND	2.00	µg/L							
trans-1,2-Dichloroethylene	ND	2.00	µg/L							
1,2-Dichloropropane	ND	2.00	µg/L							
cis-1,3-Dichloropropene	ND	2.00	µg/L							
1,4-Dioxane	ND	50.0	µg/L							
trans-1,3-Dichloropropene	ND	2.00	µg/L							
Ethanol	ND	50.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	2.00	µg/L							
Methylene Chloride	ND	5.00	µg/L							
1,1,2,2-Tetrachloroethane	ND	2.00	µg/L							
Tetrachloroethylene	ND	2.00	µg/L							
1,1,1-Trichloroethane	ND	2.00	µg/L							
1,1,2-Trichloroethane	ND	2.00	µg/L							
Trichloroethylene	ND	2.00	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.00	µg/L							
Vinyl Chloride	ND	2.00	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*22.5*		µg/L	25.0		90.1	70-130			
Surrogate: Toluene-d8	*24.5*		µg/L	25.0		97.9	70-130			
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		99.8	70-130			
LCS (B268452-BS1)				Prepared: 10/12/20 Analyzed: 10/13/20						
1,2-Dibromoethane (EDB)	21	0.500	µg/L	20.0		106	70-130			
Acetone	180	50.0	µg/L	200		92.4	70-160			†
tert-Amyl Methyl Ether (TAME)	18	0.500	µg/L	20.0		91.0	70-130			
Benzene	20	1.00	µg/L	20.0		98.1	65-135			
Bromodichloromethane	20	2.00	µg/L	20.0		101	65-135			
Bromoform	22	2.00	µg/L	20.0		112	70-130			
Bromomethane	15	2.00	µg/L	20.0		75.4	15-185			
tert-Butyl Alcohol (TBA)	180	20.0	µg/L	200		89.1	40-160			†
Carbon Tetrachloride	19	2.00	µg/L	20.0		97.4	70-130			
Chlorobenzene	23	2.00	µg/L	20.0		114	65-135			
Chlorodibromomethane	20	2.00	µg/L	20.0		102	70-135			
Chloroethane	21	2.00	µg/L	20.0		104	40-160			
Chloroform	19	2.00	µg/L	20.0		97.2	70-135			
Chloromethane	19	2.00	µg/L	20.0		96.1	20-205			

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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 B268452 - SW-846 5030B										
LCS (B268452-BS1)				Prepared: 10/12/20 Analyzed: 10/13/20						
1,2-Dichloroethane	19	2.00	µg/L	20.0		93.4	70-130			
cis-1,2-Dichloroethylene	19	1.00	µg/L	20.0		94.7	70-130			
1,1-Dichloroethane	19	2.00	µg/L	20.0		97.3	70-130			
1,1-Dichloroethylene	21	2.00	µg/L	20.0		104	50-150			
trans-1,2-Dichloroethylene	19	2.00	µg/L	20.0		93.0	70-130			
1,2-Dichloropropane	20	2.00	µg/L	20.0		102	35-165			
cis-1,3-Dichloropropene	19	2.00	µg/L	20.0		95.8	25-175			
1,4-Dioxane	200	50.0	µg/L	200		102	40-130			†
trans-1,3-Dichloropropene	19	2.00	µg/L	20.0		96.9	50-150			
Ethanol	200	50.0	µg/L	200		98.1	40-160			
Methyl tert-Butyl Ether (MTBE)	19	2.00	µg/L	20.0		97.0	70-130			
Methylene Chloride	20	5.00	µg/L	20.0		98.3	60-140			
1,1,2,2-Tetrachloroethane	22	2.00	µg/L	20.0		112	60-140			
Tetrachloroethylene	22	2.00	µg/L	20.0		111	70-130			
1,1,1-Trichloroethane	19	2.00	µg/L	20.0		97.4	70-130			
1,1,2-Trichloroethane	21	2.00	µg/L	20.0		106	70-130			
Trichloroethylene	21	2.00	µg/L	20.0		103	65-135			
Trichlorofluoromethane (Freon 11)	21	2.00	µg/L	20.0		103	50-150			
Vinyl Chloride	19	2.00	µg/L	20.0		94.0	5-195			
Surrogate: 1,2-Dichloroethane-d4	*22.6*		µg/L	25.0		90.2	70-130			
Surrogate: Toluene-d8	*24.6*		µg/L	25.0		98.5	70-130			
Surrogate: 4-Bromofluorobenzene	*25.2*		µg/L	25.0		101	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B268538 - SW-846 3510C										
Blank (B268538-BLK1)				Prepared & Analyzed: 10/13/20						
Benzo(a)anthracene (SIM)	ND	0.050	µg/L							
Benzo(a)pyrene (SIM)	ND	0.10	µg/L							
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L							
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L							
Bis(2-ethylhexyl)phthalate (SIM)	ND	1.0	µg/L							
Chrysene (SIM)	ND	0.20	µg/L							
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L							
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L							
Pentachlorophenol (SIM)	ND	1.0	µg/L							
Surrogate: 2-Fluorophenol (SIM)	*92.5*		µg/L	200		46.2	15-110			
Surrogate: Phenol-d6 (SIM)	*63.2*		µg/L	200		31.6	15-110			
Surrogate: Nitrobenzene-d5	*69.7*		µg/L	100		69.7	30-130			
Surrogate: 2-Fluorobiphenyl	*52.6*		µg/L	100		52.6	30-130			
Surrogate: 2,4,6-Tribromophenol (SIM)	*170*		µg/L	200		85.2	15-110			
Surrogate: p-Terphenyl-d14	*61.7*		µg/L	100		61.7	30-130			
LCS (B268538-BS1)				Prepared & Analyzed: 10/13/20						
Benzo(a)anthracene (SIM)	35.2	1.0	µg/L	50.0		70.4	33-143			
Benzo(a)pyrene (SIM)	35.2	2.0	µg/L	50.0		70.3	17-163			
Benzo(b)fluoranthene (SIM)	39.7	1.0	µg/L	50.0		79.3	24-159			
Benzo(k)fluoranthene (SIM)	37.5	4.0	µg/L	50.0		74.9	11-162			
Bis(2-ethylhexyl)phthalate (SIM)	39.6	20	µg/L	50.0		79.1	8-158			
Chrysene (SIM)	37.0	4.0	µg/L	50.0		74.0	17-168			
Dibenz(a,h)anthracene (SIM)	34.0	2.0	µg/L	50.0		67.9	10-227			
Indeno(1,2,3-cd)pyrene (SIM)	33.3	2.0	µg/L	50.0		66.7	10-171			
Pentachlorophenol (SIM)	27.6	20	µg/L	50.0		55.2	14-176			
Surrogate: 2-Fluorophenol (SIM)	*100*		µg/L	200		50.0	15-110			
Surrogate: Phenol-d6 (SIM)	*74.1*		µg/L	200		37.0	15-110			
Surrogate: Nitrobenzene-d5	*69.8*		µg/L	100		69.8	30-130			
Surrogate: 2-Fluorobiphenyl	*60.7*		µg/L	100		60.7	30-130			
Surrogate: 2,4,6-Tribromophenol (SIM)	*185*		µg/L	200		92.6	15-110			
Surrogate: p-Terphenyl-d14	*61.6*		µg/L	100		61.6	30-130			
LCS Dup (B268538-BSD1)				Prepared & Analyzed: 10/13/20						
Benzo(a)anthracene (SIM)	28.2	1.0	µg/L	50.0		56.4	33-143	22.0	53	
Benzo(a)pyrene (SIM)	27.8	2.0	µg/L	50.0		55.7	17-163	23.2	72	
Benzo(b)fluoranthene (SIM)	31.4	1.0	µg/L	50.0		62.7	24-159	23.4	71	
Benzo(k)fluoranthene (SIM)	29.7	4.0	µg/L	50.0		59.4	11-162	23.1	63	
Bis(2-ethylhexyl)phthalate (SIM)	32.1	20	µg/L	50.0		64.3	8-158	20.7	82	
Chrysene (SIM)	29.6	4.0	µg/L	50.0		59.2	17-168	22.1	87	
Dibenz(a,h)anthracene (SIM)	27.1	2.0	µg/L	50.0		54.1	10-227	22.6	126	
Indeno(1,2,3-cd)pyrene (SIM)	26.5	2.0	µg/L	50.0		53.0	10-171	22.8	99	
Pentachlorophenol (SIM)	22.1	20	µg/L	50.0		44.2	14-176	22.1	86	
Surrogate: 2-Fluorophenol (SIM)	*81.7*		µg/L	200		40.9	15-110			
Surrogate: Phenol-d6 (SIM)	*54.5*		µg/L	200		27.3	15-110			
Surrogate: Nitrobenzene-d5	*60.1*		µg/L	100		60.1	30-130			
Surrogate: 2-Fluorobiphenyl	*51.2*		µg/L	100		51.2	30-130			
Surrogate: 2,4,6-Tribromophenol (SIM)	*152*		µg/L	200		76.1	15-110			
Surrogate: p-Terphenyl-d14	*48.2*		µg/L	100		48.2	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by - GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B268461 - SW-846 3510C										
Blank (B268461-BLK1)				Prepared: 10/12/20 Analyzed: 10/13/20						
Acenaphthene	ND	5.00	µg/L							
Acenaphthylene	ND	5.00	µg/L							
Anthracene	ND	5.00	µg/L							
Benzidine	ND	20.0	µg/L							L-04, R-05, V-04, V-05, V-34
Benzo(g,h,i)perylene	ND	5.00	µg/L							
4-Bromophenylphenylether	ND	10.0	µg/L							
Butylbenzylphthalate	ND	10.0	µg/L							
4-Chloro-3-methylphenol	ND	10.0	µg/L							
Bis(2-chloroethyl)ether	ND	10.0	µg/L							
Bis(2-chloroisopropyl)ether	ND	10.0	µg/L							
2-Chloronaphthalene	ND	10.0	µg/L							L-04
2-Chlorophenol	ND	10.0	µg/L							
4-Chlorophenylphenylether	ND	10.0	µg/L							
Di-n-butylphthalate	ND	10.0	µg/L							
1,3-Dichlorobenzene	ND	5.00	µg/L							R-05
1,4-Dichlorobenzene	ND	5.00	µg/L							R-05
1,2-Dichlorobenzene	ND	5.00	µg/L							R-05
3,3-Dichlorobenzidine	ND	10.0	µg/L							
2,4-Dichlorophenol	ND	10.0	µg/L							
Diethylphthalate	ND	10.0	µg/L							
2,4-Dimethylphenol	ND	10.0	µg/L							
Dimethylphthalate	ND	10.0	µg/L							
4,6-Dinitro-2-methylphenol	ND	10.0	µg/L							
2,4-Dinitrophenol	ND	10.0	µg/L							
2,4-Dinitrotoluene	ND	10.0	µg/L							
2,6-Dinitrotoluene	ND	10.0	µg/L							
Di-n-octylphthalate	ND	10.0	µg/L							
1,2-Diphenylhydrazine/Azobenzene	ND	10.0	µg/L							
Bis(2-Ethylhexyl)phthalate	ND	10.0	µg/L							
Fluoranthene	ND	5.00	µg/L							
Fluorene	ND	5.00	µg/L							
Hexachlorobenzene	ND	10.0	µg/L							
Hexachlorobutadiene	ND	10.0	µg/L							
Hexachlorocyclopentadiene	ND	10.0	µg/L							
Hexachloroethane	ND	10.0	µg/L							
Isophorone	ND	10.0	µg/L							
Naphthalene	ND	5.00	µg/L							
Nitrobenzene	ND	10.0	µg/L							
2-Nitrophenol	ND	10.0	µg/L							
4-Nitrophenol	ND	10.0	µg/L							
N-Nitrosodimethylamine	ND	10.0	µg/L							
N-Nitrosodiphenylamine/Diphenylamine	ND	10.0	µg/L							
N-Nitrosodi-n-propylamine	ND	10.0	µg/L							
Pentachlorophenol	ND	10.0	µg/L							
2-Methylnaphthalene	ND	5.00	µg/L							
Phenanthrene	ND	5.00	µg/L							
2-Methylphenol	ND	10.0	µg/L							
Phenol	ND	10.0	µg/L							
3/4-Methylphenol	ND	20.0	µg/L							
Pyrene	ND	5.00	µg/L							
1,2,4-Trichlorobenzene	ND	5.00	µg/L							
2,4,6-Trichlorophenol	ND	10.0	µg/L							

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QUALITY CONTROL

Semivolatile Organic Compounds by - GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B268461 - SW-846 3510C											
Blank (B268461-BLK1)				Prepared: 10/12/20 Analyzed: 10/13/20							
Surrogate: 2-Fluorophenol	*97.0*		µg/L	200		48.5		15-110			
Surrogate: Phenol-d6	*65.3*		µg/L	200		32.6		15-110			
Surrogate: Nitrobenzene-d5	*69.5*		µg/L	100		69.5		30-130			
Surrogate: 2-Fluorobiphenyl	*69.6*		µg/L	100		69.6		30-130			
Surrogate: 2,4,6-Tribromophenol	*154*		µg/L	200		77.1		15-110			
Surrogate: p-Terphenyl-d14	*81.8*		µg/L	100		81.8		30-130			
LCS (B268461-BS1)				Prepared: 10/12/20 Analyzed: 10/13/20							
Acenaphthene	31.9	5.00	µg/L	50.0		63.9		47-145			
Acenaphthylene	32.0	5.00	µg/L	50.0		64.0		33-145			
Anthracene	34.3	5.00	µg/L	50.0		68.6		27-133			
Benzidine	1.25	20.0	µg/L	50.0		**2.50**	*	40-140			V-04, V-05, L-04, R-05, V-34
Benzo(g,h,i)perylene	38.2	5.00	µg/L	50.0		76.5		10-219			
4-Bromophenylphenylether	31.1	10.0	µg/L	50.0		62.2		53-127			
Butylbenzylphthalate	36.6	10.0	µg/L	50.0		73.2		10-152			
4-Chloro-3-methylphenol	32.6	10.0	µg/L	50.0		65.2		22-147			
Bis(2-chloroethyl)ether	29.2	10.0	µg/L	50.0		58.4		12-158			
Bis(2-chloroisopropyl)ether	33.3	10.0	µg/L	50.0		66.5		36-166			
2-Chloronaphthalene	28.2	10.0	µg/L	50.0		**56.3**	*	60-120			L-04
2-Chlorophenol	29.8	10.0	µg/L	50.0		59.5		23-134			
4-Chlorophenylphenylether	31.3	10.0	µg/L	50.0		62.7		25-158			
Di-n-butylphthalate	37.4	10.0	µg/L	50.0		74.8		10-120			
1,3-Dichlorobenzene	23.0	5.00	µg/L	50.0		46.0		10-172			R-05
1,4-Dichlorobenzene	23.4	5.00	µg/L	50.0		46.9		20-124			R-05
1,2-Dichlorobenzene	24.8	5.00	µg/L	50.0		49.6		32-129			R-05
3,3-Dichlorobenzidine	39.6	10.0	µg/L	50.0		79.1		10-262			
2,4-Dichlorophenol	31.5	10.0	µg/L	50.0		63.1		39-135			
Diethylphthalate	35.2	10.0	µg/L	50.0		70.5		10-120			
2,4-Dimethylphenol	34.8	10.0	µg/L	50.0		69.6		32-120			
Dimethylphthalate	33.1	10.0	µg/L	50.0		66.3		10-120			
4,6-Dinitro-2-methylphenol	33.4	10.0	µg/L	50.0		66.8		10-181			
2,4-Dinitrophenol	36.2	10.0	µg/L	50.0		72.5		10-191			
2,4-Dinitrotoluene	37.0	10.0	µg/L	50.0		74.1		39-139			
2,6-Dinitrotoluene	35.7	10.0	µg/L	50.0		71.4		50-158			
Di-n-octylphthalate	40.0	10.0	µg/L	50.0		80.1		4-146			
1,2-Diphenylhydrazine/Azobenzene	30.9	10.0	µg/L	50.0		61.7		40-140			
Bis(2-Ethylhexyl)phthalate	38.6	10.0	µg/L	50.0		77.3		8-158			
Fluoranthene	36.6	5.00	µg/L	50.0		73.2		26-137			
Fluorene	32.2	5.00	µg/L	50.0		64.3		59-121			
Hexachlorobenzene	31.6	10.0	µg/L	50.0		63.1		10-152			
Hexachlorobutadiene	24.1	10.0	µg/L	50.0		48.3		24-120			
Hexachlorocyclopentadiene	23.0	10.0	µg/L	50.0		46.0		40-140			
Hexachloroethane	21.7	10.0	µg/L	50.0		43.4		40-120			
Isophorone	33.4	10.0	µg/L	50.0		66.7		21-196			
Naphthalene	28.5	5.00	µg/L	50.0		56.9		21-133			
Nitrobenzene	29.1	10.0	µg/L	50.0		58.2		35-180			
2-Nitrophenol	29.7	10.0	µg/L	50.0		59.4		29-182			
4-Nitrophenol	32.3	10.0	µg/L	50.0		64.5		10-132			
N-Nitrosodimethylamine	20.1	10.0	µg/L	50.0		40.1		40-140			
N-Nitrosodiphenylamine/Diphenylamine	33.2	10.0	µg/L	50.0		66.3		40-140			
N-Nitrosodi-n-propylamine	30.2	10.0	µg/L	50.0		60.4		10-230			
Pentachlorophenol	35.1	10.0	µg/L	50.0		70.2		14-176			

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QUALITY CONTROL

Semivolatile Organic Compounds by - GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B268461 - SW-846 3510C												
LCS (B268461-BS1)				Prepared: 10/12/20 Analyzed: 10/13/20								
2-Methylnaphthalene	33.0	5.00	µg/L	50.0		66.1		40-140				
Phenanthrene	34.0	5.00	µg/L	50.0		67.9		54-120				
2-Methylphenol	29.6	10.0	µg/L	50.0		59.1		40-140				
Phenol	18.2	10.0	µg/L	50.0		36.3		5-120				
3/4-Methylphenol	29.0	20.0	µg/L	50.0		58.1		40-140				
Pyrene	34.1	5.00	µg/L	50.0		68.2		52-120				
1,2,4-Trichlorobenzene	26.8	5.00	µg/L	50.0		53.6		44-142				
2,4,6-Trichlorophenol	33.5	10.0	µg/L	50.0		67.0		37-144				
Surrogate: 2-Fluorophenol	*102*		µg/L	200		50.9		15-110				
Surrogate: Phenol-d6	*75.8*		µg/L	200		37.9		15-110				
Surrogate: Nitrobenzene-d5	*64.4*		µg/L	100		64.4		30-130				
Surrogate: 2-Fluorobiphenyl	*65.0*		µg/L	100		65.0		30-130				
Surrogate: 2,4,6-Tribromophenol	*171*		µg/L	200		85.3		15-110				
Surrogate: p-Terphenyl-d14	*83.5*		µg/L	100		83.5		30-130				
LCS Dup (B268461-BSD1)				Prepared: 10/12/20 Analyzed: 10/13/20								
Acenaphthene	27.0	5.00	µg/L	50.0		54.0		47-145	16.7		48	
Acenaphthylene	27.1	5.00	µg/L	50.0		54.2		33-145	16.6		74	
Anthracene	29.4	5.00	µg/L	50.0		58.8		27-133	15.4		66	
Benzidine	9.48	20.0	µg/L	50.0		**19.0**	*	40-140	**153**	*	30	L-04, R-05, V-04, V-05, V-34
Benzo(g,h,i)perylene	31.2	5.00	µg/L	50.0		62.3		10-219	20.4		97	
4-Bromophenylphenylether	27.3	10.0	µg/L	50.0		54.7		53-127	12.9		43	
Butylbenzylphthalate	29.9	10.0	µg/L	50.0		59.8		10-152	20.1		60	
4-Chloro-3-methylphenol	28.8	10.0	µg/L	50.0		57.7		22-147	12.3		73	
Bis(2-chloroethyl)ether	25.2	10.0	µg/L	50.0		50.3		12-158	14.9		108	
Bis(2-chloroisopropyl)ether	27.4	10.0	µg/L	50.0		54.8		36-166	19.3		76	
2-Chloronaphthalene	24.2	10.0	µg/L	50.0		**48.5**	*	60-120	14.9		24	L-04
2-Chlorophenol	26.4	10.0	µg/L	50.0		52.8		23-134	11.9		61	
4-Chlorophenylphenylether	26.5	10.0	µg/L	50.0		52.9		25-158	16.8		61	
Di-n-butylphthalate	30.9	10.0	µg/L	50.0		61.8		10-120	19.0		47	
1,3-Dichlorobenzene	17.0	5.00	µg/L	50.0		34.0		10-172	**30.1**	*	30	R-05
1,4-Dichlorobenzene	17.2	5.00	µg/L	50.0		34.4		20-124	**30.6**	*	30	R-05
1,2-Dichlorobenzene	17.7	5.00	µg/L	50.0		35.3		32-129	**33.5**	*	30	R-05
3,3-Dichlorobenzidine	33.8	10.0	µg/L	50.0		67.7		10-262	15.6		108	
2,4-Dichlorophenol	27.8	10.0	µg/L	50.0		55.7		39-135	12.4		50	
Diethylphthalate	29.2	10.0	µg/L	50.0		58.5		10-120	18.6		100	
2,4-Dimethylphenol	30.9	10.0	µg/L	50.0		61.8		32-120	11.8		58	
Dimethylphthalate	27.8	10.0	µg/L	50.0		55.7		10-120	17.4		183	
4,6-Dinitro-2-methylphenol	25.0	10.0	µg/L	50.0		50.0		10-181	28.7		203	
2,4-Dinitrophenol	25.0	10.0	µg/L	50.0		50.0		10-191	36.7		132	
2,4-Dinitrotoluene	28.6	10.0	µg/L	50.0		57.1		39-139	25.8		42	
2,6-Dinitrotoluene	30.4	10.0	µg/L	50.0		60.7		50-158	16.2		48	
Di-n-octylphthalate	30.4	10.0	µg/L	50.0		60.7		4-146	27.5		69	
1,2-Diphenylhydrazine/Azobenzene	27.4	10.0	µg/L	50.0		54.7		40-140	12.0		30	
Bis(2-Ethylhexyl)phthalate	30.9	10.0	µg/L	50.0		61.8		8-158	22.3		82	
Fluoranthene	29.9	5.00	µg/L	50.0		59.7		26-137	20.2		66	
Fluorene	27.2	5.00	µg/L	50.0		**54.4**	*	59-121	16.7		38	L-07
Hexachlorobenzene	27.4	10.0	µg/L	50.0		54.7		10-152	14.3		55	
Hexachlorobutadiene	20.0	10.0	µg/L	50.0		40.1		24-120	18.6		62	
Hexachlorocyclopentadiene	19.2	10.0	µg/L	50.0		**38.4**	*	40-140	18.1		30	L-07
Hexachloroethane	15.8	10.0	µg/L	50.0		**31.6**	*	40-120	31.6		52	L-07
Isophorone	30.4	10.0	µg/L	50.0		60.8		21-196	9.32		93	

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QUALITY CONTROL

Semivolatile Organic Compounds by - GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B268461 - SW-846 3510C											
LCS Dup (B268461-BSD1)				Prepared: 10/12/20 Analyzed: 10/13/20							
Naphthalene	23.4	5.00	µg/L	50.0		46.8		21-133	19.5	65	
Nitrobenzene	25.8	10.0	µg/L	50.0		51.5		35-180	12.1	62	
2-Nitrophenol	26.2	10.0	µg/L	50.0		52.3		29-182	12.8	55	
4-Nitrophenol	24.1	10.0	µg/L	50.0		48.1		10-132	29.1	131	
N-Nitrosodimethylamine	18.1	10.0	µg/L	50.0		**36.2**	*	40-140	10.3	30	L-07
N-Nitrosodiphenylamine/Diphenylamine	28.6	10.0	µg/L	50.0		57.2		40-140	14.7	30	
N-Nitrosodi-n-propylamine	26.2	10.0	µg/L	50.0		52.4		10-230	14.2	87	
Pentachlorophenol	26.8	10.0	µg/L	50.0		53.6		14-176	26.9	86	
2-Methylnaphthalene	27.9	5.00	µg/L	50.0		55.8		40-140	16.9	30	
Phenanthrene	29.3	5.00	µg/L	50.0		58.6		54-120	14.7	39	
2-Methylphenol	24.9	10.0	µg/L	50.0		49.9		40-140	17.0	30	
Phenol	13.5	10.0	µg/L	50.0		27.1		5-120	29.1	64	
3/4-Methylphenol	24.4	20.0	µg/L	50.0		48.9		40-140	17.2	30	
Pyrene	28.3	5.00	µg/L	50.0		56.6		52-120	18.6	49	
1,2,4-Trichlorobenzene	21.4	5.00	µg/L	50.0		**42.9**	*	44-142	22.2	50	L-07
2,4,6-Trichlorophenol	28.6	10.0	µg/L	50.0		57.2		37-144	15.9	58	
Surrogate: 2-Fluorophenol	*81.1*		µg/L	200		40.6		15-110			
Surrogate: Phenol-d6	*57.0*		µg/L	200		28.5		15-110			
Surrogate: Nitrobenzene-d5	*55.0*		µg/L	100		55.0		30-130			
Surrogate: 2-Fluorobiphenyl	*56.7*		µg/L	100		56.7		30-130			
Surrogate: 2,4,6-Tribromophenol	*131*		µg/L	200		65.4		15-110			
Surrogate: p-Terphenyl-d14	*65.0*		µg/L	100		65.0		30-130			

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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 B268638 - SW-846 3510C										
Blank (B268638-BLK1)				Prepared: 10/14/20 Analyzed: 10/15/20						
Aroclor-1016	ND	0.100	µg/L							
Aroclor-1016 [2C]	ND	0.100	µg/L							
Aroclor-1221	ND	0.100	µg/L							
Aroclor-1221 [2C]	ND	0.100	µg/L							
Aroclor-1232	ND	0.100	µg/L							
Aroclor-1232 [2C]	ND	0.100	µg/L							
Aroclor-1242	ND	0.100	µg/L							
Aroclor-1242 [2C]	ND	0.100	µg/L							
Aroclor-1248	ND	0.100	µg/L							
Aroclor-1248 [2C]	ND	0.100	µg/L							
Aroclor-1254	ND	0.100	µg/L							
Aroclor-1254 [2C]	ND	0.100	µg/L							
Aroclor-1260	ND	0.100	µg/L							
Aroclor-1260 [2C]	ND	0.100	µg/L							
Surrogate: Decachlorobiphenyl	*1.53*		µg/L	2.00		76.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.57*		µg/L	2.00		78.3	30-150			
Surrogate: Tetrachloro-m-xylene	*1.09*		µg/L	2.00		54.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.01*		µg/L	2.00		50.4	30-150			
LCS (B268638-BS1)				Prepared: 10/14/20 Analyzed: 10/15/20						
Aroclor-1016	0.419	0.200	µg/L	0.500		83.9	50-140			
Aroclor-1016 [2C]	0.414	0.200	µg/L	0.500		82.7	50-140			
Aroclor-1260	0.399	0.200	µg/L	0.500		79.8	8-140			
Aroclor-1260 [2C]	0.389	0.200	µg/L	0.500		77.8	8-140			
Surrogate: Decachlorobiphenyl	*1.86*		µg/L	2.00		93.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.89*		µg/L	2.00		94.4	30-150			
Surrogate: Tetrachloro-m-xylene	*1.55*		µg/L	2.00		77.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.43*		µg/L	2.00		71.7	30-150			
LCS Dup (B268638-BSD1)				Prepared: 10/14/20 Analyzed: 10/15/20						
Aroclor-1016	0.404	0.200	µg/L	0.500		80.8	50-140	3.71		
Aroclor-1016 [2C]	0.392	0.200	µg/L	0.500		78.3	50-140	5.50		
Aroclor-1260	0.385	0.200	µg/L	0.500		77.0	8-140	3.65		
Aroclor-1260 [2C]	0.375	0.200	µg/L	0.500		75.0	8-140	3.63		
Surrogate: Decachlorobiphenyl	*1.75*		µg/L	2.00		87.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.77*		µg/L	2.00		88.5	30-150			
Surrogate: Tetrachloro-m-xylene	*1.53*		µg/L	2.00		76.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.42*		µg/L	2.00		70.8	30-150			

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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 B268386 - EPA 200.7										
Blank (B268386-BLK1)				Prepared: 10/10/20 Analyzed: 10/12/20						
Iron	ND	0.050	mg/L							
Hardness	ND	1.4	mg/L							
LCS (B268386-BS1)				Prepared: 10/10/20 Analyzed: 10/12/20						
Iron	3.58	0.050	mg/L	4.00		89.5	85-115			
Hardness	24	1.4	mg/L	26.4		89.5	85-115			
LCS Dup (B268386-BSD1)				Prepared: 10/10/20 Analyzed: 10/12/20						
Iron	4.12	0.050	mg/L	4.00		103	85-115	14.1	20	
Hardness	27	1.4	mg/L	26.4		102	85-115	13.1	20	
Batch B268387 - EPA 200.8										
Blank (B268387-BLK1)				Prepared: 10/10/20 Analyzed: 10/11/20						
Antimony	ND	1.0	µg/L							
Arsenic	ND	0.80	µg/L							
Cadmium	ND	0.20	µg/L							
Chromium	ND	1.0	µg/L							
Copper	ND	1.0	µg/L							
Lead	ND	0.50	µg/L							
Nickel	ND	5.0	µg/L							
Selenium	ND	5.0	µg/L							
Silver	ND	0.20	µg/L							
Zinc	ND	10	µg/L							
LCS (B268387-BS1)				Prepared: 10/10/20 Analyzed: 10/11/20						
Antimony	450	10	µg/L	500		90.0	85-115			
Arsenic	458	8.0	µg/L	500		91.7	85-115			
Cadmium	465	2.0	µg/L	500		93.0	85-115			
Chromium	456	10	µg/L	500		91.2	85-115			
Copper	899	10	µg/L	1000		89.9	85-115			
Lead	458	5.0	µg/L	500		91.6	85-115			
Nickel	472	50	µg/L	500		94.3	85-115			
Selenium	458	50	µg/L	500		91.5	85-115			
Silver	456	2.0	µg/L	500		91.2	85-115			
Zinc	965	100	µg/L	1000		96.5	85-115			
LCS Dup (B268387-BSD1)				Prepared: 10/10/20 Analyzed: 10/11/20						
Antimony	496	10	µg/L	500		99.1	85-115	9.63	20	
Arsenic	511	8.0	µg/L	500		102	85-115	10.8	20	
Cadmium	513	2.0	µg/L	500		103	85-115	9.74	20	
Chromium	505	10	µg/L	500		101	85-115	10.1	20	
Copper	988	10	µg/L	1000		98.8	85-115	9.42	20	
Lead	507	5.0	µg/L	500		101	85-115	10.2	20	
Nickel	512	50	µg/L	500		102	85-115	8.25	20	
Selenium	513	50	µg/L	500		103	85-115	11.4	20	
Silver	499	2.0	µg/L	500		99.8	85-115	8.99	20	
Zinc	1060	100	µg/L	1000		106	85-115	9.08	20	

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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 B268458 - EPA 245.1										
Blank (B268458-BLK1)				Prepared: 10/12/20 Analyzed: 10/13/20						
Mercury	ND	0.00010	mg/L							
LCS (B268458-BS1)				Prepared: 10/12/20 Analyzed: 10/13/20						
Mercury	0.00394	0.00010	mg/L	0.00400		98.4	85-115			
LCS Dup (B268458-BSD1)				Prepared: 10/12/20 Analyzed: 10/13/20						
Mercury	0.00402	0.00010	mg/L	0.00400		101	85-115	2.19	20	
Duplicate (B268458-DUP1)		**Source: 20J0525-01**		Prepared: 10/12/20 Analyzed: 10/13/20						
Mercury	ND	0.00010	mg/L		ND			NC	30	
Matrix Spike (B268458-MS1)		**Source: 20J0525-01**		Prepared: 10/12/20 Analyzed: 10/13/20						
Mercury	0.00391	0.00010	mg/L	0.00400	ND	97.8	75-125			

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QUALITY CONTROL

Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B268513 - EPA 200.7 Dissolved										
Blank (B268513-BLK1)				Prepared: 10/12/20 Analyzed: 10/13/20						
Iron	ND	0.050	mg/L							
LCS (B268513-BS1)				Prepared: 10/12/20 Analyzed: 10/13/20						
Iron	4.03	0.050	mg/L	4.00		101	85-115			
LCS Dup (B268513-BSD1)				Prepared: 10/12/20 Analyzed: 10/13/20						
Iron	4.20	0.050	mg/L	4.00		105	85-115	4.10	20	
Duplicate (B268513-DUP1)		**Source: 20J0525-01**		Prepared: 10/12/20 Analyzed: 10/13/20						
Iron	ND	0.050	mg/L		ND			NC	20	
Matrix Spike (B268513-MS1)		**Source: 20J0525-01**		Prepared: 10/12/20 Analyzed: 10/13/20						
Iron	4.29	0.050	mg/L	4.00	0.0477	106	70-130			
Batch B268514 - EPA 200.8 Dissolved										
Blank (B268514-BLK1)				Prepared: 10/12/20 Analyzed: 10/13/20						
Antimony	ND	1.0	µg/L							
Arsenic	ND	0.80	µg/L							
Cadmium	ND	0.20	µg/L							
Chromium	ND	1.0	µg/L							
Copper	ND	1.0	µg/L							
Lead	ND	0.50	µg/L							
Nickel	ND	5.0	µg/L							
Selenium	ND	5.0	µg/L							
Silver	ND	0.20	µg/L							
Zinc	ND	10	µg/L							
LCS (B268514-BS1)				Prepared: 10/12/20 Analyzed: 10/13/20						
Antimony	481	10	µg/L	500		96.2	85-115			
Arsenic	486	8.0	µg/L	500		97.2	85-115			
Cadmium	490	2.0	µg/L	500		98.0	85-115			
Chromium	494	10	µg/L	500		98.9	85-115			
Copper	961	10	µg/L	1000		96.1	85-115			
Lead	497	5.0	µg/L	500		99.4	85-115			
Nickel	500	50	µg/L	500		100	85-115			
Selenium	488	50	µg/L	500		97.6	85-115			
Silver	479	2.0	µg/L	500		95.9	85-115			
Zinc	992	100	µg/L	1000		99.2	85-115			
LCS Dup (B268514-BSD1)				Prepared: 10/12/20 Analyzed: 10/13/20						
Antimony	497	10	µg/L	500		99.4	85-115	3.25	20	
Arsenic	504	8.0	µg/L	500		101	85-115	3.72	20	
Cadmium	510	2.0	µg/L	500		102	85-115	4.03	20	
Chromium	508	10	µg/L	500		102	85-115	2.64	20	
Copper	990	10	µg/L	1000		99.0	85-115	2.93	20	
Lead	515	5.0	µg/L	500		103	85-115	3.52	20	
Nickel	515	50	µg/L	500		103	85-115	2.94	20	
Selenium	505	50	µg/L	500		101	85-115	3.38	20	
Silver	498	2.0	µg/L	500		99.7	85-115	3.89	20	
Zinc	1030	100	µg/L	1000		103	85-115	3.79	20	

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QUALITY CONTROL

Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B268514 - EPA 200.8 Dissolved										
Duplicate (B268514-DUP1)		**Source: 20J0525-01**		Prepared: 10/12/20 Analyzed: 10/13/20						
Antimony	ND	1.0	µg/L		ND			NC	20	
Arsenic	ND	0.80	µg/L		ND			NC	20	
Cadmium	ND	0.20	µg/L		ND			NC	20	
Chromium	ND	1.0	µg/L		1.14			NC	20	
Copper	3.38	1.0	µg/L		3.39			0.163	20	
Lead	12.7	0.50	µg/L		12.7			0.401	20	
Nickel	ND	5.0	µg/L		ND			NC	20	
Selenium	ND	5.0	µg/L		ND			NC	20	
Silver	ND	0.20	µg/L		ND			NC	20	
Zinc	28.7	10	µg/L		28.8			0.209	20	
Matrix Spike (B268514-MS1)		**Source: 20J0525-01**		Prepared: 10/12/20 Analyzed: 10/13/20						
Antimony	507	10	µg/L	500	ND	101	70-130			
Arsenic	510	8.0	µg/L	500	ND	102	70-130			
Cadmium	517	2.0	µg/L	500	ND	103	70-130			
Chromium	513	10	µg/L	500	ND	103	70-130			
Copper	1000	10	µg/L	1000	ND	100	70-130			
Lead	534	5.0	µg/L	500	12.7	104	70-130			
Nickel	520	50	µg/L	500	ND	104	70-130			
Selenium	516	50	µg/L	500	ND	103	70-130			
Silver	502	2.0	µg/L	500	ND	100	70-130			
Zinc	1070	100	µg/L	1000	28.8	104	70-130			
Batch B268533 - EPA 245.1 Dissolved										
Blank (B268533-BLK1)				Prepared & Analyzed: 10/13/20						
Mercury	ND	0.00010	mg/L							
LCS (B268533-BS1)				Prepared & Analyzed: 10/13/20						
Mercury	0.00396	0.00010	mg/L	0.00400		99.1	85-115			
LCS Dup (B268533-BSD1)				Prepared & Analyzed: 10/13/20						
Mercury	0.00392	0.00010	mg/L	0.00400		98.0	85-115	1.12	20	
Duplicate (B268533-DUP1)		**Source: 20J0525-01**		Prepared & Analyzed: 10/13/20						
Mercury	ND	0.00010	mg/L		ND			NC	30	
Matrix Spike (B268533-MS1)		**Source: 20J0525-01**		Prepared & Analyzed: 10/13/20						
Mercury	0.00393	0.00010	mg/L	0.00400	ND	98.2	70-130			
Batch B268585 - EPA 200.8 Dissolved										
Blank (B268585-BLK1)				Prepared: 10/13/20 Analyzed: 10/14/20						
Lead	ND	0.50	µg/L							
Nickel	ND	5.0	µg/L							
Zinc	ND	10	µg/L							

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QUALITY CONTROL

Metals Analyses (Dissolved) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B268585 - EPA 200.8 Dissolved										
LCS (B268585-BS1)				Prepared: 10/13/20 Analyzed: 10/14/20						
Lead	106	0.50	µg/L	100		106	85-115			
Nickel	101	5.0	µg/L	100		101	85-115			
Zinc	110	10	µg/L	100		110	85-115			
Duplicate (B268585-DUP1)		**Source: 20J0525-01RE1**		Prepared: 10/13/20 Analyzed: 10/14/20						
Lead	1.81	0.50	µg/L		1.82			0.681	20	
Nickel	ND	5.0	µg/L		ND			NC	20	
Zinc	ND	10	µg/L		ND			NC	20	
Matrix Spike (B268585-MS1)		**Source: 20J0525-01RE1**		Prepared: 10/13/20 Analyzed: 10/14/20						
Lead	27.1	0.62	µg/L	25.0	1.82	101	70-130			
Nickel	25.8	6.2	µg/L	25.0	1.29	98.1	70-130			
Zinc	56.4	12	µg/L	50.0	3.57	106	70-130			

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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 B268378 - SM21-22 3500 Cr B										
Blank (B268378-BLK1)				Prepared & Analyzed: 10/09/20						
Hexavalent Chromium	ND	0.0040	mg/L							
LCS (B268378-BS1)				Prepared & Analyzed: 10/09/20						
Hexavalent Chromium	0.10	0.0040	mg/L	0.100		101	90-115			
LCS Dup (B268378-BSD1)				Prepared & Analyzed: 10/09/20						
Hexavalent Chromium	0.10	0.0040	mg/L	0.100		101	90-115	0.00	11	
Matrix Spike (B268378-MS1)	**Source: 20J0525-01**			Prepared & Analyzed: 10/09/20						
Hexavalent Chromium	0.10	0.0040	mg/L	0.100	ND	101	34.7-148			
Matrix Spike Dup (B268378-MSD1)	**Source: 20J0525-01**			Prepared & Analyzed: 10/09/20						
Hexavalent Chromium	0.10	0.0040	mg/L	0.100	ND	101	34.7-148	0.00	13.2	
Batch B268380 - SM21-22 4500 CL G										
Blank (B268380-BLK1)				Prepared & Analyzed: 10/09/20						
Chlorine, Residual	ND	0.020	mg/L							
LCS (B268380-BS1)				Prepared & Analyzed: 10/09/20						
Chlorine, Residual	0.61	0.020	mg/L	0.641		95.4	85.3-130			
LCS Dup (B268380-BSD1)				Prepared & Analyzed: 10/09/20						
Chlorine, Residual	0.63	0.020	mg/L	0.641		97.9	85.3-130	2.61	13.6	
Duplicate (B268380-DUP1)	**Source: 20J0525-01**			Prepared & Analyzed: 10/09/20						
Chlorine, Residual	ND	0.020	mg/L		ND			NC	29.4	
Matrix Spike (B268380-MS1)	**Source: 20J0525-01**			Prepared & Analyzed: 10/09/20						
Chlorine, Residual	0.33	0.020	mg/L	0.300	ND	110	10-169			
Batch B268381 - EPA 350.1										
Blank (B268381-BLK1)				Prepared: 10/10/20 Analyzed: 10/13/20						
Ammonia as N	ND	0.10	mg/L							
LCS (B268381-BS1)				Prepared: 10/10/20 Analyzed: 10/13/20						
Ammonia as N	2.2	0.10	mg/L	2.00		108	90-110			
LCS Dup (B268381-BSD1)				Prepared: 10/10/20 Analyzed: 10/13/20						
Ammonia as N	2.1	0.10	mg/L	2.00		104	90-110	3.36	20	

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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 B268412 - EPA 300.0										
Blank (B268412-BLK1)				Prepared & Analyzed: 10/10/20						
Chloride	ND	1.0	mg/L							
LCS (B268412-BS1)				Prepared & Analyzed: 10/10/20						
Chloride	10		mg/L	10.0		99.8	90-110			
LCS Dup (B268412-BSD1)				Prepared & Analyzed: 10/10/20						
Chloride	10		mg/L	10.0		100	90-110	0.116	20	
Batch B268447 - SM21-22 2540D										
Blank (B268447-BLK1)				Prepared & Analyzed: 10/12/20						
Total Suspended Solids	ND	2.5	mg/L							
LCS (B268447-BS1)				Prepared & Analyzed: 10/12/20						
Total Suspended Solids	174	10	mg/L	200		87.0	57.4-123			
MRL Check (B268447-MRL1)				Prepared & Analyzed: 10/12/20						
Total Suspended Solids	6.00	5.0	mg/L	5.00		120	0-200			
Batch B268460 - EPA 420.1										
Blank (B268460-BLK1)				Prepared: 10/12/20 Analyzed: 10/14/20						
Phenol	ND	0.050	mg/L							
LCS (B268460-BS1)				Prepared: 10/12/20 Analyzed: 10/14/20						
Phenol	0.49	0.050	mg/L	0.500		98.7	75.6-130			
LCS Dup (B268460-BSD1)				Prepared: 10/12/20 Analyzed: 10/14/20						
Phenol	0.51	0.050	mg/L	0.500		102	75.6-130	3.06	10.3	
MRL Check (B268460-MRL1)				Prepared: 10/12/20 Analyzed: 10/14/20						
Phenol	ND	0.050	mg/L	0.0500			0-200			
Matrix Spike (B268460-MS1)	**Source: 20J0525-01**			Prepared: 10/12/20 Analyzed: 10/14/20						
Phenol	0.36	0.050	mg/L	0.500	ND	71.1	34.1-149			
Batch B268526 - EPA 1664B										
Blank (B268526-BLK1)				Prepared & Analyzed: 10/13/20						
Silica Gel Treated HEM (SGT-HEM)	ND	1.4	mg/L							

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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 B268526 - EPA 1664B										
LCS (B268526-BS1)				Prepared & Analyzed: 10/13/20						
Silica Gel Treated HEM (SGT-HEM)	12		mg/L	10.0		119	64-132			
Duplicate (B268526-DUP1)		**Source: 20J0525-01**		Prepared & Analyzed: 10/13/20						
Silica Gel Treated HEM (SGT-HEM)	ND	2.8	mg/L		ND			NC	18	
Batch B268593 - SM21-22 4500 H B										
LCS (B268593-BS1)				Prepared & Analyzed: 10/13/20						
pH	6.03		pH Units	6.00		100	90-110			
Batch B268708 - SM21-22 2320B										
Blank (B268708-BLK1)				Prepared & Analyzed: 10/14/20						
Alkalinity	ND	1.0	mg/L							
LCS (B268708-BS1)				Prepared & Analyzed: 10/14/20						
Alkalinity	31	1.0	mg/L	32.5		95.4	88-112			
LCS Dup (B268708-BSD1)				Prepared & Analyzed: 10/14/20						
Alkalinity	31	1.0	mg/L	32.5		95.4	88-112	0.00	7.88	
Batch B268782 - SM19-22 4500 NH3 C										
Blank (B268782-BLK1)				Prepared: 10/15/20 Analyzed: 10/16/20						
Ammonia as N	ND	0.30	mg/L							
LCS (B268782-BS1)				Prepared: 10/15/20 Analyzed: 10/16/20						
Ammonia as N	4.8	0.30	mg/L	5.00		95.2	86.9-110			
LCS Dup (B268782-BSD1)				Prepared: 10/15/20 Analyzed: 10/16/20						
Ammonia as N	4.9	0.30	mg/L	5.00		98.0	86.9-110	2.90	9.37	
Batch B269124 - SM21-22 3500 Cr B										
Blank (B269124-BLK1)				Prepared & Analyzed: 10/20/20						
Hexavalent Chromium	ND	0.0040	mg/L							
LCS (B269124-BS1)				Prepared & Analyzed: 10/20/20						
Hexavalent Chromium	0.098	0.0040	mg/L	0.100		97.8	90-115			

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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 B269124 - SM21-22 3500 Cr B										
LCS Dup (B269124-BSD1)				Prepared & Analyzed: 10/20/20						
Hexavalent Chromium	0.098	0.0040	mg/L	0.100		97.8	90-115	0.00	11	
Matrix Spike (B269124-MS1)		**Source: 20J0525-02**		Prepared & Analyzed: 10/20/20						
Hexavalent Chromium	0.095	0.0040	mg/L	0.100	ND	95.4	34.7-148			H-10
Matrix Spike Dup (B269124-MSD1)		**Source: 20J0525-02**		Prepared & Analyzed: 10/20/20						
Hexavalent Chromium	0.097	0.0040	mg/L	0.100	ND	96.6	34.7-148	1.27	13.2	H-10

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QUALITY CONTROL

Drinking Water Organics EPA 504.1 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B268872 - EPA 504 water										
Blank (B268872-BLK1)				Prepared: 10/16/20 Analyzed: 10/17/20						
1,2-Dibromoethane (EDB)	ND	0.021	µg/L							
1,2-Dibromoethane (EDB) [2C]	ND	0.021	µg/L							
Surrogate: 1,3-Dibromopropane [2C]	*1.13*		µg/L	1.06		106	70-130			
LCS (B268872-BS1)				Prepared: 10/16/20 Analyzed: 10/17/20						
1,2-Dibromoethane (EDB) [2C]	0.213	0.021	µg/L	0.258		82.4	70-130			
Surrogate: 1,3-Dibromopropane [2C]	*1.13*		µg/L	1.03		109	70-130			
LCS Dup (B268872-BSD1)				Prepared: 10/16/20 Analyzed: 10/17/20						
1,2-Dibromoethane (EDB) [2C]	0.205	0.021	µg/L	0.262		78.4	70-130	3.49		
Surrogate: 1,3-Dibromopropane [2C]	*1.10*		µg/L	1.05		105	70-130			
Matrix Spike (B268872-MS1)	**Source: 20J0525-01**			Prepared: 10/16/20 Analyzed: 10/17/20						
1,2-Dibromoethane (EDB) [2C]	0.182	0.020	µg/L	0.252	ND	72.0	65-135			

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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
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
H-05	Holding time was exceeded. pH analysis should be performed immediately at time of sampling. Nominal 15 minute holding time was exceeded.
H-10	Analysis was requested after the recommended holding time had passed.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low 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.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria. Reported result is estimated.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) 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.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
608.3 in Water	
Aroclor-1016	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1016 [2C]	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1221	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1221 [2C]	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1232	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1232 [2C]	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1242	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1242 [2C]	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1248	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1248 [2C]	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1254	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1254 [2C]	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1260	CT,MA,NH,NY,RI,NC,ME,VA
Aroclor-1260 [2C]	CT,MA,NH,NY,RI,NC,ME,VA
624.1 in Water	
Acetone	CT,NY,MA,NH
tert-Amyl Methyl Ether (TAME)	MA
Benzene	CT,NY,MA,NH,RI,NC,ME,VA
Bromodichloromethane	CT,NY,MA,NH,RI,NC,ME,VA
Bromoform	CT,NY,MA,NH,RI,NC,ME,VA
Bromomethane	CT,NY,MA,NH,RI,NC,ME,VA
tert-Butyl Alcohol (TBA)	NY,MA
Carbon Tetrachloride	CT,NY,MA,NH,RI,NC,ME,VA
Chlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
Chlorodibromomethane	CT,NY,MA,NH,RI,NC,ME,VA
Chloroethane	CT,NY,MA,NH,RI,NC,ME,VA
Chloroform	CT,NY,MA,NH,RI,NC,ME,VA
Chloromethane	CT,NY,MA,NH,RI,NC,ME,VA
1,2-Dichlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
1,3-Dichlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
1,4-Dichlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
1,2-Dichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
cis-1,2-Dichloroethylene	NY,MA
1,1-Dichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
1,1-Dichloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
trans-1,2-Dichloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
1,2-Dichloropropane	CT,NY,MA,NH,RI,NC,ME,VA
cis-1,3-Dichloropropene	CT,NY,MA,NH,RI,NC,ME,VA
1,4-Dioxane	MA
trans-1,3-Dichloropropene	CT,NY,MA,NH,RI,NC,ME,VA
Ethanol	NY,MA,NH
Methyl tert-Butyl Ether (MTBE)	NY,MA,NH,NC
Methylene Chloride	CT,NY,MA,NH,RI,NC,ME,VA
Naphthalene	NY,MA,NC
1,1,2,2-Tetrachloroethane	CT,NY,MA,NH,RI,NC,ME,VA
Tetrachloroethylene	CT,NY,MA,NH,RI,NC,ME,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
624.1 in Water	
1,2,4-Trichlorobenzene	MA,NC
1,1,1-Trichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
1,1,2-Trichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
Trichloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NY,MA,NH,RI,NC,ME,VA
Vinyl Chloride	CT,NY,MA,NH,RI,NC,ME,VA
625.1 in Water	
Acenaphthene	CT,MA,NH,NY,NC,RI,ME,VA
Acenaphthylene	CT,MA,NH,NY,NC,RI,ME,VA
Anthracene	CT,MA,NH,NY,NC,RI,ME,VA
Benzidine	CT,MA,NH,NY,NC,RI,ME,VA
Benzo(g,h,i)perylene	CT,MA,NH,NY,NC,RI,ME,VA
4-Bromophenylphenylether	CT,MA,NH,NY,NC,RI,ME,VA
Butylbenzylphthalate	CT,MA,NH,NY,NC,RI,ME,VA
4-Chloro-3-methylphenol	CT,MA,NH,NY,NC,RI,VA
Bis(2-chloroethyl)ether	CT,MA,NH,NY,NC,RI,ME,VA
Bis(2-chloroisopropyl)ether	CT,MA,NH,NY,NC,RI,ME,VA
2-Chloronaphthalene	CT,MA,NH,NY,NC,RI,ME,VA
2-Chlorophenol	CT,MA,NH,NY,NC,RI,ME,VA
4-Chlorophenylphenylether	CT,MA,NH,NY,NC,RI,ME,VA
Di-n-butylphthalate	CT,MA,NH,NY,NC,RI,ME,VA
1,3-Dichlorobenzene	MA,NC
1,4-Dichlorobenzene	MA,NC
1,2-Dichlorobenzene	MA,NC
3,3-Dichlorobenzidine	CT,MA,NH,NY,NC,RI,ME,VA
2,4-Dichlorophenol	CT,MA,NH,NY,NC,RI,ME,VA
Diethylphthalate	CT,MA,NH,NY,NC,RI,ME,VA
2,4-Dimethylphenol	CT,MA,NH,NY,NC,RI,ME,VA
Dimethylphthalate	CT,MA,NH,NY,NC,RI,ME,VA
4,6-Dinitro-2-methylphenol	CT,MA,NH,NY,NC,RI,ME,VA
2,4-Dinitrophenol	CT,MA,NH,NY,NC,RI,ME,VA
2,4-Dinitrotoluene	CT,MA,NH,NY,NC,RI,ME,VA
2,6-Dinitrotoluene	CT,MA,NH,NY,NC,RI,ME,VA
Di-n-octylphthalate	CT,MA,NH,NY,NC,RI,ME,VA
1,2-Diphenylhydrazine/Azobenzene	NC
Bis(2-Ethylhexyl)phthalate	CT,MA,NH,NY,NC,RI,ME,VA
Fluoranthene	CT,MA,NH,NY,NC,RI,ME,VA
Fluorene	CT,MA,NH,NY,NC,RI,ME,VA
Hexachlorobenzene	CT,MA,NH,NY,NC,RI,ME,VA
Hexachlorobutadiene	CT,MA,NH,NY,NC,RI,ME,VA
Hexachlorocyclopentadiene	CT,MA,NH,NY,NC,RI,ME,VA
Hexachloroethane	CT,MA,NH,NY,NC,RI,ME,VA
Isophorone	CT,MA,NH,NY,NC,RI,ME,VA
Naphthalene	CT,MA,NH,NY,NC,RI,ME,VA
Nitrobenzene	CT,MA,NH,NY,NC,RI,ME,VA
2-Nitrophenol	CT,MA,NH,NY,NC,RI,ME,VA

con-test®
A Pace Analytical® Laboratory

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
625.1 in Water	
4-Nitrophenol	CT,MA,NH,NY,NC,RI,ME,VA
N-Nitrosodimethylamine	CT,MA,NH,NY,NC,RI,ME,VA
N-Nitrosodi-n-propylamine	CT,MA,NH,NY,NC,RI,ME,VA
2-Methylnaphthalene	NC
Phenanthrene	CT,MA,NH,NY,NC,RI,ME,VA
2-Methylphenol	NY,NC
Phenol	CT,MA,NH,NY,NC,RI,ME,VA
3/4-Methylphenol	NY,NC
Pyrene	CT,MA,NH,NY,NC,RI,ME,VA
1,2,4-Trichlorobenzene	CT,MA,NH,NY,NC,RI,ME,VA
2,4,6-Trichlorophenol	CT,MA,NH,NY,NC,RI,ME,VA
2-Fluorophenol	NC
2-Fluorophenol	NC,VA
Phenol-d6	VA
Nitrobenzene-d5	VA
EPA 200.7 in Water	
Iron	CT,MA,NH,NY,RI,NC,ME,VA
Iron	CT,MA,NH,NY,RI,NC,ME,VA
Hardness	CT,MA,NH,NY,RI,VA
EPA 200.8 in Water	
Antimony	CT,MA,NH,NY,RI,NC,ME,VA
Antimony	CT,MA,NH,NY,RI,NC,ME,VA
Arsenic	CT,MA,NH,NY,RI,NC,ME,VA
Arsenic	CT,MA,NH,NY,RI,NC,ME,VA
Cadmium	CT,MA,NH,NY,RI,NC,ME,VA
Cadmium	CT,MA,NH,NY,RI,NC,ME,VA
Chromium	CT,MA,NH,NY,RI,NC,ME,VA
Chromium	CT,MA,NH,NY,RI,NC,ME,VA
Copper	CT,MA,NH,NY,RI,NC,ME,VA
Copper	CT,MA,NH,NY,RI,NC,ME,VA
Lead	CT,MA,NH,NY,RI,NC,ME,VA
Lead	CT,MA,NH,NY,RI,NC,ME,VA
Nickel	CT,MA,NH,NY,RI,NC,ME,VA
Nickel	CT,MA,NH,NY,RI,NC,ME,VA
Selenium	CT,MA,NH,NY,RI,NC,ME,VA
Selenium	CT,MA,NH,NY,RI,NC,ME,VA
Silver	CT,MA,NH,NY,RI,NC,ME,VA
Silver	CT,MA,NH,NY,RI,NC,ME,VA
Zinc	CT,MA,NH,RI,NY,NC,ME,VA
Zinc	CT,MA,NH,NY,RI,NC,ME,VA
EPA 245.1 in Water	
Mercury	CT,MA,NH,RI,NY,NC,ME,VA
Mercury	CT,MA,NH,RI,NY,NC,ME,VA
EPA 300.0 in Water	
Chloride	NC,NY,MA,VA,ME,NH,CT,RI

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 350.1 in Water	
Ammonia as N	NC,NY,MA,NH,RI,ME,VA
EPA 420.1 in Water	
Phenol	CT,MA,NH,NY,RI,NC,ME,VA
SM19-22 4500 NH3 C in Water	
Ammonia as N	NY,MA,CT,RI,VA,NC,ME
SM21-22 2320B in Water	
Alkalinity	CT,MA,NH,NY,RI,NC,ME,VA
SM21-22 2540D in Water	
Total Suspended Solids	CT,MA,NH,NY,RI,NC,ME,VA
SM21-22 3500 Cr B in Water	
Hexavalent Chromium	NY,CT,NH,RI,ME,VA,NC
SM21-22 4500 CL G in Water	
Chlorine, Residual	CT,MA,RI,ME
SM21-22 4500 H B in Water	
pH	CT,MA,RI

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2022
MA	Massachusetts DEP	M-MA100	06/30/2021
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2021
NY	New York State Department of Health	10899 NELAP	04/1/2021
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2021
RI	Rhode Island Department of Health	LAO00112	12/30/2020
NC	North Carolina Div. of Water Quality	652	12/31/2020
NJ	New Jersey DEP	MA007 NELAP	06/30/2021
FL	Florida Department of Health	E871027 NELAP	06/30/2021
VT	Vermont Department of Health Lead Laboratory	LL720741	07/30/2021
ME	State of Maine	MA00100	06/9/2021
VA	Commonwealth of Virginia	460217	12/14/2021
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2021
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2021
NC-DW	North Carolina Department of Health	25703	07/31/2021
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2021
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2021

2050525

con-test ANALYTICAL LABORATORY

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Email: info@contestlabs.com

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

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Page 1 of 1

Company Name: FSL Associates
Address: 358 Chestnut Hill Avenue Boston, MA 02135
Phone: 617-232-0001
Project Name: 372 Cambridge
Project Location: 372 Cambridge Street, Boston, MA 02134
Project Number: 372 Cambridge Street
Project Manager: A. Pieroni
Con-Test Quote Name/Number: B-20200916
Invoice Recipient: apieroni@fslassociates.com, amy@fslassociates.com
Sampled By: J. Kennedy

Requested Turnaround Time
5-7-Day ☑ 10-Day ☐
PFAS 10-Day (std) ☐ Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐
Email To: apieroni@fslassociates.com
Fax To #:

Dissolved Metals Samples
○ Field Filtered
● Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

PCB ONLY
SOXHLET ☐
NON SOXHLET ☐

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	NPDES RGP	Alkalinity	Salinity	Hardness	pH	Soluble Metals
1	FSL-3	10/9/2020	8:25	COMP	GW	L	X	X	X			X	X	X	X	X	X
2	SBO-037	10/9/2020	9:10	COMP	SW	L			X				X	X	X	X	X

Relinquished by: (signature) — Date/Time: 10/9/20 11:40
Received by: (signature) — Date/Time: 10/9/20 11:40
Relinquished by: (signature) — Date/Time: 10/9/20 1815
Received by: (signature) — Date/Time: 10/9/20 1815
Relinquished by: (signature) — Date/Time:
Received by: (signature) — Date/Time:
Relinquished by: (signature) — Date/Time:
Received by: (signature) — Date/Time:

Client Comments: Also email results to jkennedy@fslassociates.com and bhoskins@fslassociates.com

Detection Limit Requirements
MA
CT
Other: NPDES RGP

Special Requirements
☑ MA MCP Required
MCP Certification Form Required ☐
CT RCP Required ☐
RCP Certification Form Required
MA State DW Required ☐
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☑ MBTA ☐

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

[2] Preservation Code

Courier Use Only
Total Number Of:
VIALS
GLASS
PLASTIC
BACTERIA
ENCORE

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Lab Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

Table of Contents

I Have Not Confirmed Sample Container Numbers With Lab Staff Before Relinquishing Over Samples_____

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client FSL

Received By _____ Date 10/9/20 Time 1815

How were the samples received? In Cooler T No Cooler _____ On Ice T No Ice _____

Direct from Sampling _____ Ambient _____ Melted Ice _____

Were samples within Temperature? 2-6°C T By Gun # 4 Actual Temp - 2.6, 4.6

By Blank # _____ Actual Temp - _____

Was Custody Seal Intact? n/a Were Samples Tampered with? n/a

Was COC Relinquished ? T Does Chain Agree With Samples? T

Are there broken/leaking/loose caps on any samples? F

Is COC in ink/ Legible? T Were samples received within holding time? T

Did COC include all pertinent Information? Client T Analysis T Sampler Name T

Project T ID's T Collection Dates/Times T

Are Sample labels filled out and legible? T

Are there Lab to Filters? T Who was notified? Alex

Are there Rushes? F Who was notified? _____

Are there Short Holds? T Who was notified? Cassie

Is there enough Volume? T

Is there Headspace where applicable? F MS/MSD? F

Proper Media/Containers Used? T Is splitting samples required? F

Were trip blanks received? F On COC? F

Do all samples have the proper pH? Acid T Base T

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.	6	1 Liter Plastic	3	16 oz Amb.	
HCL-	5	500 mL Amb.	1	500 mL Plastic	2	8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic	9	4oz Amb/Clear	
Bisulfate-		Flashpoint		Col./Bacteria		2oz Amb/Clear	
DI-		Other Glass	2	Other Plastic		Encore	
Thiosulfate-	3	SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments: