



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 1

5 Post Office Square, Suite 100

BOSTON, MA 02109-3912

CERTIFIED MAIL RETURN RECEIPT REQUESTED

JAN 22 2015

Patrick Wilde

Owner

GEGC2 New Street, LL.

1477 NW Everett Street,

Portland, Oregon 97209

Re: Authorization to discharge under the Remediation General Permit (RGP) –
MAG910000. Building Redevelopment site located at 6 New Street, Boston, MA 02128,
Suffolk County; Authorization # MAG910654

Dear Mr. Wilde:

Based on the review of a Notice of Intent (NOI) submitted by Haley & Aldrich from, on behalf of GEGC 2 New Street, for the site referenced above, the U.S. Environmental Protection Agency (EPA) hereby authorizes you, as the named Owner and Operator to discharge in accordance with the provisions of the RGP at that site. Your authorization number is listed above.

The checklist enclosed with this RGP authorization indicates the pollutants which you are required to monitor. Also indicated on the checklist are the effluent limits, test methods and minimum levels (MLs) for each pollutant. Please note that the checklist does not represent the complete requirements of the RGP. Operators must comply with all of the applicable requirements of this permit, including influent and effluent monitoring, narrative water quality standards, record keeping, and reporting requirements, found in Parts I and II, and Appendices I – VIII of the RGP. See EPA's website for the complete RGP and other information at: <http://www.epa.gov/region1/npdes/mass.html#dgp>.

Please note the enclosed checklist includes parameters that exceeded Appendix III limits. It also includes parameters your consultant has marked "Believed Present."

Also, please note that the metals included on the checklist are dilution dependent pollutants and subject to limitations based on selected dilution ranges and technology-based ceiling limitations. With the absence of dilution of freshwater into tidal water, EPA determined that the Dilution Factor Range (DFR) for each parameter for this site is in the one and five (1-5) range. (See the RGP Appendix IV for Massachusetts facilities). Therefore, the limits for arsenic of 36 ug/L, trivalent chromium of 100 ug/L, copper of

3.7 ug/L, lead of 8.5 ug/L, nickel of 8.2 ug/L, zinc of 85.6 ug/L and iron of 1,000 ug/L, are required to achieve permit compliance at your site.

Finally, please note the checklist of pollutants attached to this authorization is subject to a recertification if the operations at the site result in a discharge lasting longer than six months. A recertification can be submitted to EPA within six (6) to twelve (12) months of operations in accordance with the 2010 RGP regulations.

This EPA general permit and authorization to discharge will expire on September 9, 2015. You have reported this project will terminate on March 1, 2017. Please be aware you are required to reapply for coverage after the EPA expired permit has been reissued. The reissuance as well as the reapplication submittal dates will be posted on the RGP website at that time. Also, regardless of your project termination date you are required to submit a Notice of Termination (NOT) to the attention of the contact person indicated below within 30 days of project completion. Also, please notify this office once the site operator has been named. Notification should be sent to the contact person indicated below.

Thank you in advance for your cooperation in this matter. Please contact Victor Alvarez at 617-918-1572 or Alvarez.Victor@epa.gov, if you have any questions.

Sincerely,



Thelma Murphy, Chief
Storm Water and Construction
Permits Section

Enclosure

cc: Robert Kubit, MassDEP
Stephen Shea, Boston WSC
Corinne M. McKenzie, Haley & Aldrich, Inc.

**2010 Remediation General Permit
Summary of Monitoring Parameters^[1]**

NPDES Authorization Number:	MAG910654
Authorization Issued:	January, 2015
Facility/Site Name:	Proposed Building Redevelopment
Facility/Site Address:	6 New Street, East Boston, MA 02128, Suffolk Email address of owner: Patrick.Wilde@gerdingedlen.com
Legal Name of Operator:	TBD
Operator contact name, title, and Address:	TBD Email: TBD
Estimated date of the site's Completion:	March 1, 2017
Category and Sub-Category:	Contaminated Construction Sites. Sub-category A. General Urban Fill Sites
RGP Termination Date:	September 10, 2015
Receiving Water:	Boston Harbor

Monitoring & Limits are applicable if checked. All samples are to be collected as grab samples

	<u>Parameter</u>	<u>Effluent Limit/Method#/ML</u> (All Effluent Limits are shown as Daily Maximum Limit, unless denoted by a **, in that case it will be a Monthly Average Limit)
✓	1. Total Suspended Solids (TSS)	30 milligrams/liter (mg/L) **, 50 mg/L for hydrostatic testing ** Me#160.2/ML5ug/L
	2. Total Residual Chlorine (TRC) ¹	Freshwater = 11 ug/L ** Saltwater = 7.5 ug/L **/ Me#330.5/ML 20ug/L
	3. Total Petroleum Hydrocarbons (TPH)	5.0 mg/L/ Me# 1664A/ML 5.0mg/L
	4. Cyanide (CN) ^{2, 3}	Freshwater = 5.2 ug/l ** Saltwater = 1.0 ug/L **/ Me#335.4/ML 10ug/L
	5. Benzene (B)	5ug/L /50.0 ug/L for hydrostatic testing only/ Me#8260C/ML 2 ug/L
	6. Toluene (T)	(limited as ug/L total BTEX)/ Me#8260C/ML 2ug/L
	7. Ethylbenzene (E)	(limited as ug/L total BTEX) Me#8260C/ML 2ug/L
	8. (m,p,o) Xylenes (X)	(limited as ug/L total BTEX) Me#8260C/ML 2ug/L

	Parameter	Effluent Limit/Method#/ML (All Effluent Limits are shown as Daily Maximum Limit, unless denoted by a **, in that case it will be a Monthly Average Limit)
	9. Total Benzene, Toluene, Ethyl Benzene, and Xylenes (BTEX) ⁴	100 ug/L/ Me#8260C/ ML 2ug/L
	10. Ethylene Dibromide (EDB) (1,2- Dibromoethane)	0.05 ug/l/ Me#8260C/ ML 10ug/L
	11. Methyl-tert-Butyl Ether (MtBE)	70.0 ug/l/Me#8260C/ML 10ug/L
	12.tert-Butyl Alcohol (TBA) (TertiaryButanol)	Monitor Only(ug/L)/Me#8260C/ML 10ug/L
	13. tert-Amyl Methyl Ether (TAME)	Monitor Only(ug/L)/Me#8260C/ML 10ug/L
	14. Naphthalene ⁵	20 ug/L /Me#8260C/ML 2ug/L
	15. Carbon Tetrachloride	4.4 ug/L /Me#8260C/ ML 5ug/L
	16. 1,2 Dichlorobenzene (o-DCB)	600 ug/L /Me#8260C/ ML 5ug/L
	17. 1,3 Dichlorobenzene (m-DCB)	320 ug/L /Me#8260C/ ML 5ug/L
	18. 1,4 Dichlorobenzene (p-DCB)	5.0 ug/L /Me#8260C/ ML 5ug/L
	18a. Total dichlorobenzene	763 ug/L - NH only /Me#8260C/ ML 5ug/L
	19. 1,1 Dichloroethane (DCA)	70 ug/L /Me#8260C/ ML 5ug/L
	20. 1,2 Dichloroethane (DCA)	5.0 ug/L /Me#8260C/ ML 5ug/L
	21. 1,1 Dichloroethene (DCE)	3.2 ug/L/Me#8260C/ ML 5ug/L
	22. cis-1,2 Dichloroethene (DCE)	70 ug/L/Me#8260C/ ML 5ug/L
	23. Methylene Chloride	4.6 ug/L/Me#8260C/ ML 5ug/L
	24. Tetrachloroethene (PCE)	5.0 ug/L/Me#8260C/ ML 5ug/L
	25. 1,1,1 Trichloro-ethane (TCA)	200 ug/L/Me#8260C/ ML 5ug/L
	26. 1,1,2 Trichloro-ethane (TCA)	5.0 ug/L /Me#8260C/ ML 5ug/L
	27. Trichloroethene (TCE)	5.0 ug/L /Me#8260C/ ML 5ug/L
	28. Vinyl Chloride (Chloroethene)	2.0 ug/L /Me#8260C/ ML 5ug/L
	29. Acetone	Monitor Only(ug/L)/Me#8260C/ML 50ug/L
	30. 1,4 Dioxane	Monitor Only /Me#1624C/ML 50ug/L
	31. Total Phenols	300 ug/L Me#420.1&420.2/ML 2 ug/L/ Me# 420.4 /ML 50ug/L
	32. Pentachlorophenol (PCP)	1.0 ug/L /Me#8270D/ML 5ug/L, Me#604 &625/ML 10ug/L
	33. Total Phthalates (Phthalate esters) ⁶	3.0 ug/L ** /Me#8270D/ML 5ug/L, Me#606/ML 10ug/L& Me#625/ML 5ug/L
	34. Bis (2-Ethylhexyl) Phthalate [Di- (ethylhexyl) Phthalate]	6.0 ug/L /Me#8270D/ML 5ug/L, Me#606/ML 10ug/L & Me#625/ML 5ug/L

	Parameter	Effluent Limit/Method#/ML (All Effluent Limits are shown as Daily Maximum Limit, unless denoted by a **, in that case it will be a Monthly Average Limit)
	35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)	10.0 ug/L
✓	a. Benzo(a) Anthracene ⁷	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
✓	b. Benzo(a) Pyrene ⁷	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
✓	c. Benzo(b)Fluoranthene ⁷	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
	d. Benzo(k)Fluoranthene ⁷	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
✓	e. Chrysene ⁷	0.0038 ug/L /Me#8270D/ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
	f. Dibenzo(a,h)anthracene ⁷	0.0038 ug/L /Me#8270D/ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
✓	g. Indeno(1,2,3-cd) Pyrene ⁷	0.0038 ug/L /Me#8270D/ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
	36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)	100 ug/L
	h. Acenaphthene	X/Me#8270D/ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
	i. Acenaphthylene	X/Me#8270D/ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
	j. Anthracene	X/Me#8270D/ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
✓	k. Benzo(ghi) Perylene	X/Me#8270D/ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
✓	l. Fluoranthene	X/Me#8270D/ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
	m. Fluorene	X/Me#8270D/ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
	n. Naphthalene ⁵	20 ug/L / Me#8270/ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
✓	o. Phenanthrene	X/Me#8270D/ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
✓	p. Pyrene	X/Me#8270D/ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
	37. Total Polychlorinated Biphenyls (PCBs) ^{8, 9}	0.000064 ug/L/Me# 608/ ML 0.5 ug/L
✓	38. Chloride	Monitor only/Me# 300.0/ ML 100 ug/L

	Metal Parameters	Total Recoverable MA/Metal Limit $H^{10} = 50 \text{ mg/l CaCO}_3$ Units = ug/l ^(11/12)		Minimum level=ML	
			Saltwater Limits		
	39. Antimony	5.6		ML	10
✓	40. Arsenic **		36	ML	20
	41. Cadmium **		8.9	ML	10
✓	42. Chromium III (trivalent) **		100	ML	15
	43. Chromium VI (hexavalent) **		50.3	ML	10
✓	44. Copper **		3.7	ML	15
✓	45. Lead **		8.5	ML	20
	46. Mercury **		1.1	ML	02
✓	47. Nickel **		8.2	ML	20
	48. Selenium **		71	ML	20
	49. Silver		2.2	ML	10
✓	50. Zinc **		85.6	ML	15
✓	51. Iron	1,000		ML	20

	Other Parameters	Limit
✓	52. Instantaneous Flow	Site specific in CFS
✓	53. Total Flow	Site specific in CFS
	54. pH Range for Class A & Class B Waters in MA	6.5-8.3; 1/Month/Grab ¹³
✓	55. pH Range for Class SA & Class SB Waters in MA	6.5-8.3; 1/Month/Grab ¹³
	56. pH Range for Class B Waters in NH	6.5-8; 1/Month/Grab ¹³
	57. Daily maximum temperature - Warm water fisheries	83°F; 1/Month/Grab ¹⁴
	58. Daily maximum temperature - Cold water fisheries	68°F; 1/Month/Grab ¹⁴
	59. Maximum Change in Temperature in MA - Any Class A water body	1.5°F; 1/Month/Grab ¹⁴
	60. Maximum Change in Temperature in MA - Any Class B water body- Warm Water	5°F; 1/Month/Grab ¹⁴
	61. Maximum Change in Temperature in MA - Any Class B water body - Cold water and Lakes/Ponds	3°F; 1/Month/Grab ¹⁴
	62. Maximum Change in Temperature in MA - Any Class SA water body - Coastal	1.5°F; 1/Month/Grab ¹⁴
	63. Maximum Change in Temperature in MA - Any Class SB water body - July to September	1.5°F; 1/Month/Grab ¹⁴
	64. Maximum Change in Temperature in MA -Any Class SB water body - October to June	4°F; 1/Month/Grab ¹⁴

Footnotes:

¹ Although the maximum values for TRC are 11ug/l and 7.5 ug/l for freshwater, and saltwater respectively, the compliance limits are equal to the minimum level (ML) of the test method used as listed in Appendix VI (i.e., Method 330.5, 20 ug/l).

² Limits for cyanide are based on EPA's water quality criteria expressed as micrograms per liter. There is currently no EPA approved test method for free cyanide. Therefore, total cyanide must be reported.

³ Although the maximum values for cyanide are 5.2 ug/l and 1.0 ug/l for freshwater and saltwater, respectively, the compliance limits are equal to the minimum level (ML) of the Method 335.4 as listed in Appendix VI (i.e., 10 ug/l).

⁴ BTEX = sum of Benzene, Toluene, Ethylbenzene, and total Xylenes.

⁵ Naphthalene can be reported as both a purgeable (VOC) and extractable (SVOC) organic compound. If both VOC and SVOC are analyzed, the highest value must be used unless the QC criteria for one of the analyses is not met. In such cases, the value from the analysis meeting the QC criteria must be used.

⁶ The sum of individual phthalate compounds(not including the #34, Bis (2-Ethylhexyl) Phthalate . The compliance limits are equal to the minimum level (ML) of the test method used as listed in Appendix VI.

Total values calculated for reporting on NOIs and discharge monitoring reports shall be calculated by adding the measured concentration of each constituent. If the measurement of a constituent is less than the ML, the permittee shall use a value of zero for that constituent. For each test, the permittee shall also attach the raw data for each constituent to the discharge monitoring report, including the minimum level and minimum detection level for the analysis.

⁷ Although the maximum value for the individual PAH compounds is 0.0038 ug/l, the compliance limits are equal to the minimum level (ML) of the test method used as listed in Appendix VI.

⁸ In the November 2002 WQC, EPA has revised the definition of Total PCBs for aquatic life as total PCBs is the sum of all homologue, all isomer, all congener, or all "Oroclor analyses." Total values calculated for reporting on NOIs and discharge monitoring reports shall be calculated by adding the measured concentration of each constituent. If the measure of a constituent is less than the ML, the permittee shall use a value of zero for that constituent. For each test, the permittee shall also attach the raw data for each constituent to the discharge monitoring report, including the minimum level and minimum detection level for the analysis.

⁹ Although the maximum value for total PCBs is 0.000064 ug/l, the compliance limit is equal to the minimum level (ML) of the test method used as listed in Appendix VI (i.e., 0.5 ug/l for Method 608 or 0.00005 ug/l when Method 1668a is approved).

¹⁰ Hardness. Cadmium, Chromium III, Copper, Lead, Nickel, Silver, and Zinc are Hardness Dependent.

¹¹ For a Dilution Factor (DF) from 1 to 5, metals limits are calculated using DF times the base limit for the metal. See Appendix IV. For example, iron limits are calculated using $DF \times 1,000 \text{ ug/L}$ (the iron base limit). Therefore DF is 1.5, the iron limit will be 1,500 ug/L; DF 2, then iron limit = $1,000 \times 2 = 2,000 \text{ ug/L}$, etc. not to exceed the DF=5.

¹² Minimum Level (ML) is the lowest level at which the analytical system gives a recognizable signal and acceptable calibration point for the analyte. The ML represents the lowest concentration at which an analyte can be measured with a known level of confidence. The ML is calculated by multiplying the laboratory-determined method detection limit by 3.18 (see 40 CFR Part 136, Appendix B).

¹³ pH sampling for compliance with permit limits may be performed using field methods as provided for in EPA test Method 150.1.

¹⁴ Temperature sampling per Method 170.1

**NOTICE OF INTENT (NOI)
TEMPORARY CONSTRUCTION DEWATERING
6 NEW STREET
EAST BOSTON, MASSACHUSETTS**

by

**Haley & Aldrich, Inc.
Boston, Massachusetts**

on behalf of

**GEGC 2 New Street, LLC
Portland, Oregon**

for

**US Environmental Protection Agency
Boston, Massachusetts**

**File No. 40605-003
January 2015**

Haley & Aldrich, Inc.
465 Medford St.
Suite 2200
Boston, MA 02129

Tel: 617.886.7400
Fax: 617.886.7600
HaleyAldrich.com



5 January 2015
File No. 40605-003

US Environmental Protection Agency
5 Post Office Square, Suite 100
Mail Code OEP06-4
Boston, Massachusetts 02109-3912

Attention: Ms. Shelly Puleo

Subject: Notice of Intent (NOI)
Temporary Construction Dewatering
6 New Street
East Boston, Massachusetts

Dear Ms. Puleo:

On behalf of our client, GEGC 2 New Street, LLC, and in accordance with the National Pollutant Discharge Elimination System (NPDES) Remediation General Permit (RGP) in Massachusetts, MAG910000, this letter submits a Notice of Intent (NOI) and the applicable documentation as required by the US Environmental Protection Agency (EPA) for temporary construction site dewatering under the RGP. Temporary dewatering is planned in support of the construction of the proposed redevelopment at 6 New Street located in East Boston, Massachusetts, as shown on Figure 1, Project Locus. Although no below grade space is planned, we anticipate construction dewatering will be conducted, as necessary, during excavation for spread footing foundations.

The 6 New Street site consists of filled land and piers/filled wharf structures contained within granite block seawalls. Existing site grades slope from El. 20 Boston City Base Datum (BCB) along New Street to El. 14 BCB at the western seawall. The site is currently occupied by several vacant buildings including: a 9-story brick building (to remain), a 3-story brick building (to be demolished) and a 5-story brick warehouse building (to be demolished). The existing buildings are supported on concrete spread footings, or granite blocks (buried seawall) bearing in the underlying glacial soils.

SITE HISTORY

Historical sources (Sanborn Insurance Maps) indicate that the site buildings have remained as currently configured since sometime between 1900 and 1927. The 1888 and 1900 Sanborn maps show the site occupied by numerous industrial and commercial buildings including a paint store, a liquor store, a cold storage facility, and the Atlantic Dyewood Company.

During the mid-to-late 1800's, East Boston underwent several periods of land growth and reclamation. The New Street site contains several buried granite block seawall structures which were constructed to support the historic land filling operations. Numerous below grade structures likely exist including granite block seawalls, wood piles, timber cribbing, abandoned foundations, utilities and other

structures are believed to be present below grade. The limits of the historical site filling and configuration of historical seawall structures are not known.

PROPOSED CONSTRUCTION

The new construction plans to add 7-stories to the existing 9-story structure (High Rise). In addition, several low rise structures will be demolished and replaced with a 3-story parking garage to the north (North Garage) and a new 4-story building (South Building). The South Building will include parking, commercial and residential space.

The lowest level of the renovated High Rise will be finished at the existing floor slab level, approximately El. 20.0 Boston City Base (BCB). The lowest level of the North Garage will be finished at about El. 20, 0 to 4 ft above existing site grades. The lowest level of the South Building will be finished between El. 17 and El. 20, at or a few feet above current site grades. The total footprint area of the buildings (High Rise, North Garage and South Building) will be 37,800 square feet.

MASSACHUSETTS MCP REGULATORY BACKGROUND

In March 2012, Woodard & Curran, Inc. conducted a subsurface environmental site assessment at the Site which included 10 soil borings. Representative soil and groundwater samples were submitted for analytical testing and identified a reportable concentration of lead in one groundwater sample and reportable concentrations of lead and chromium in multiple soil samples, all located within the western portion of the Site. Supplementary sampling revealed that elevated lead concentrations appeared to be directly related to a limited 13,000-square foot area of the Site and elevated chromium concentrations were limited to a 200-square foot area. Accordingly, Following a Release Notification Form (RNF) was submitted to MassDEP and RTN 3-30864 was assigned to the Site.

A Release Abatement Measure (RAM) Plan was submitted by Woodard and Curran, Inc. to MassDEP on 8 June 2012. Response actions included removing lead and chromium from the areas indicated above. RAM excavation activities were conducted in June 2012 and lead and chromium impacted areas were excavated and backfilled. Confirmatory soil and groundwater samples indicated that metals were no longer present at concentrations exceeding RCS-1 or RCGW-2 reportable concentrations, respectively.

In July 2012, Woodard and Curran, Inc. submitted a RAM Completion and Class A-2 Response Action Outcome (RAO) Statement, indicating a permanent solution had been achieved although contamination had not been reduced to background, to MassDEP.

TEMPORARY CONSTRUCTION DEWATERING NOTICE OF INTENT

In support of the NOI and as part of a limited subsurface exploration program conducted by Haley & Aldrich at the 6 New Street site in November 2014, Haley & Aldrich sampled one (1) existing observation well, designated HA14-A1. The groundwater sample was submitted to Alpha Analytical, Inc. of Westborough, Massachusetts (Alpha) for analysis of VOCs, SVOCs, total petroleum

hydrocarbons (TPH), total metals, dissolved metals, pesticides, PCBs, Total Suspended Solids (TSS), chloride, total cyanide, total phenolics, total residual chlorine, and pH.

Results of the analysis indicate total copper, total iron, total lead and total suspended solids concentrations above NPDES RGP effluent limits for Category III sites. Results also indicate total lead concentrations above RCGW-2 Reportable Concentrations. The results of water quality testing are summarized in Table I. The location of the observation well is shown on Figure 2.

Construction dewatering will be required to lower groundwater levels inside the excavation to facilitate construction of the below grade work in-the-dry. Construction activities are scheduled to begin on or about 1 March 2015. Construction dewatering effluent will be recharged on-site to the extent possible. Excess water will be directed to the storm drain.

Prior to discharge under this NOI, collected water will be routed through a sedimentation tank and bag filters to remove suspended solids and undissolved chemical constituents. If additional contaminants are detected supplemental pretreatment may be required as shown in the Proposed Treatment System Schematic included in Figure 3. Construction dewatering under this RGP NOI will include piping and will discharge to storm drains located near the site. The storm drains are located adjacent to the south of the Site and travel east beneath Sumner Street before traveling south and discharging from outfall "CSO009" into Boston Harbor. The proposed discharge route is shown on Figure 2.

APPENDICES

The completed "Suggested Notice of Intent" NOI form as provided in the RGP is enclosed in Appendix A. The site developer is GEGC 2 New Street, LLC. GEGC 2 New Street, LLC will hire a subcontractor to conduct the Site work including dewatering activities. The excavation subcontractor will operate the dewatering system. Haley & Aldrich, Inc. will monitor the Contractor's dewatering activities on behalf of GEGC 2 New Street, LLC in accordance with the requirements for this NOI submission.

A Best Management Practices Plan (BMPP), which outlines the proposed discharge operations covered under the RGP, is included in Appendix B. Appendices C and D include the Endangered Species Act Documentation and National Register of Historic Places, respectively. Appendix E provides the BWSC Dewatering Permit Application to be submitted separately to the Boston Water and Sewer Commission. A copy of the groundwater testing laboratory results are provided in Appendix F.

CLOSING

Thank you very much for your consideration of this NOI. Please feel free to contact us should you wish to discuss the information contained herein or if you need additional information.

Sincerely yours,
HALEY & ALDRICH, INC.


Corinne M. McKenzie
Senior Scientist


Ian M. Phillips, LSP
Vice President

Attachments:

- Table I – Summary of Groundwater Quality Data
- Figure 1 – Site Locus
- Figure 2 – Subsurface Exploration and Discharge Location Plan
- Figure 3 – Proposed Treatment System Schematic
- Appendix A – Notice of Intent (NOI) for Remediation General Permit (RGP)
- Appendix B – Best Management Practices Plan (BMPP)
- Appendix C – Endangered Species Act Documentation
- Appendix D – National Register of Historic Places and Massachusetts Historical Commission Documentation
- Appendix E – Copy of BWSC Dewatering Permit Application
- Appendix F – Laboratory Data Report

c: Boston Water Sewer Commission (BWSC)

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TABLE I
SUMMARY OF GROUNDWATER QUALITY DATA
6 NEW STREET
EAST BOSTON, MASSACHUSETTS
FILE NO. 40605-003

SAMPLE DESIGNATION SAMPLING DATE LAB SAMPLE ID SAMPLE TYPE SAMPLE DEPTH (ft.)	MCP 2014 RCGW-2 Reportable Concentrations (ug/l)	NPDES RGP Category III Saltwater Criteria (ug/l)	HA14-A1 11/18/2014 L1427812-01
VOCs (ug/l)			
Total VOCs	NA	NA	ND
SVOCs by GC/MS (ug/l)			
Total SVOCs	NA	NA	ND
SVOCs by GC/MS-SIM (ug/l)			
Fluoranthene	200	NA	0.42
Benzo(a)anthracene	1000	NA	0.27
Benzo(a)pyrene	500	NA	0.36
Benzo(b)fluoranthene	400	NA	0.51
Chrysene	70	NA	0.29
Benzo(ghi)perylene	20	NA	0.26
Phenanthrene	10000	NA	0.2
Indeno(1,2,3-cd)Pyrene	100	NA	0.3
Pyrene	20	NA	0.46
Total SVOCs (ug/l)	NA	NA	3.07
Microextractables (ug/l)			
1,2-Dibromoethane	2	0.05	ND(0.01)
TPH (ug/l)	5000	5000	ND(4000)
Total metals (ug/l)			
Antimony, Total	8000	5.6	ND(4)
Arsenic, Total	900	36	3.64
Cadmium, Total	4	8.9	ND(0.2)
Chromium, Total	300	100	6.35
Chromium, Hexavalent	300	50.3	ND(10)
Copper, Total	100000	3.7	11.78
Iron, Total	NA	1000	2200
Lead, Total	10	8.5	77.05
Mercury, Total	20	1.1	ND(0.2)
Nickel, Total	200	8.2	2.86
Selenium, Total	100	71	ND(5)
Silver, Total	7	2.2	ND(0.4)
Zinc, Total	900	85.6	62.96
PCBs (ug/l)			
Total PCBs (ug/l)	NA	0.000064	ND
General Chemistry (ug/l)			
Solids, Total Suspended	NA	30000	55000
Chloride	NA	Monitor only	1720000
Cyanide, Total	30	1	ND(5)
Chlorine, Total Residual	NA	7.5	ND(20)
Phenolics, Total	NA	300	ND(30)

ABBREVIATIONS:

NA: Not applicable

- : Not analyzed

ND(2.5): Not detected; number in parentheses is one-half the laboratory reporting limit.

NOTES:

1. This table includes only those compounds detected on the dates indicated.

2. **Bold** values detected values exceeding RCGW-2 criteria and NPDES RGP Category III Criteria.

3. **Blue Bold** values detected values exceeding NPDES RGP Category III Criteria.



SITE COORDINATES: 42°22'17"N, 71°2'38"W

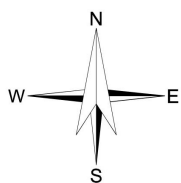
HALEY & ALDRICH

6-26 NEW STREET
BOSTON, MASSACHUSETTS

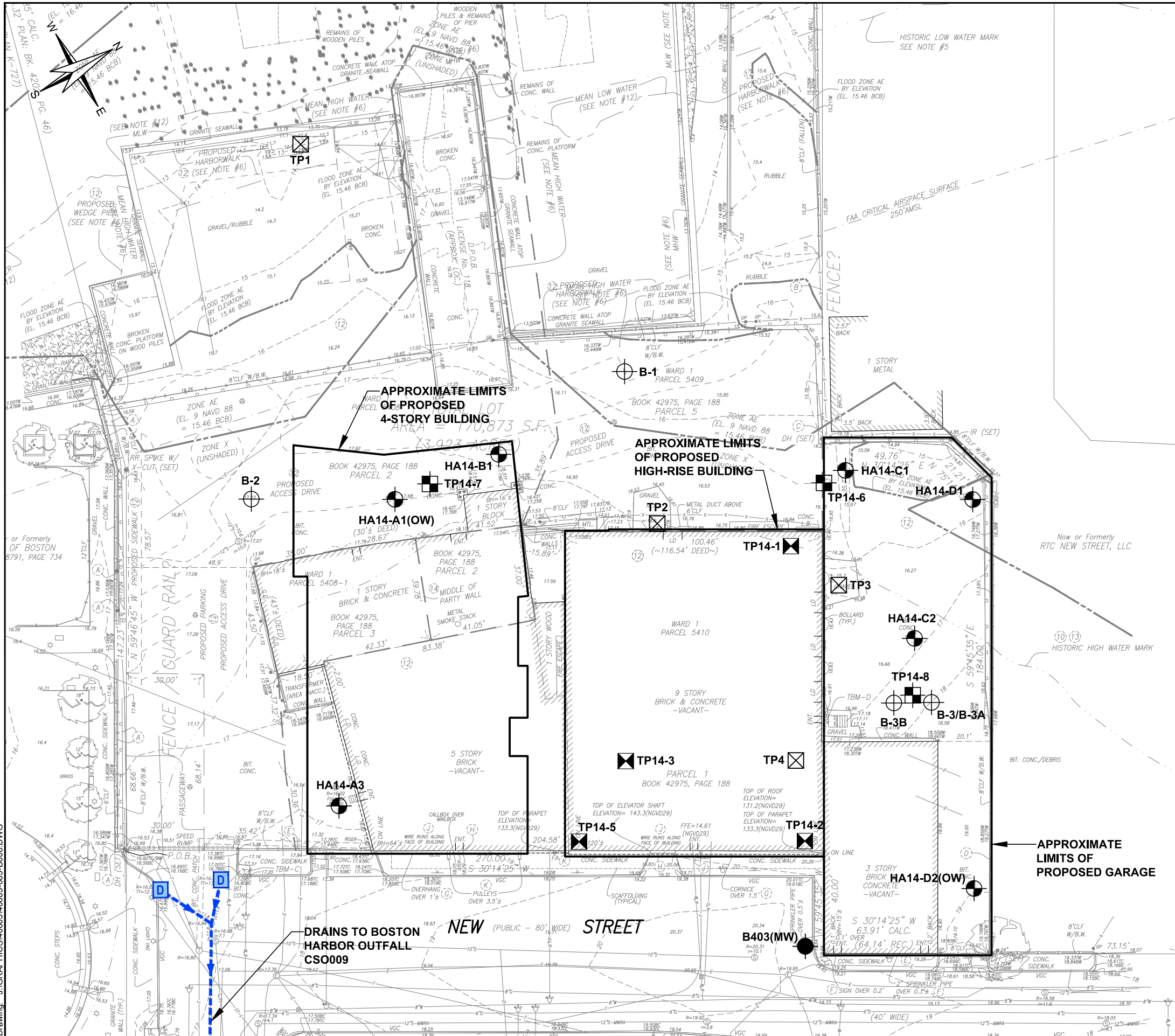
PROJECT LOCUS

SCALE: 1:24,000
JANUARY 2015

FIGURE 1



U.S.G.S. QUADRANGLE: BOSTON SOUTH, MA

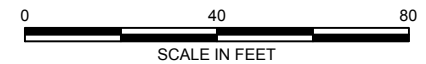


LEGEND:

- TP14-6** DESIGNATION AND APPROXIMATE LOCATION OF TEST PIT COMPLETED BY J. MARCHESE & SONS AND MONITORED BY HALEY & ALDRICH, INC. IN NOVEMBER 2014.
- HA14-A1** DESIGNATION AND APPROXIMATE LOCATION OF TEST BORING COMPLETED BY NORTHERN DRILL SERVICE, INC. AND MONITORED BY HALEY & ALDRICH, INC. IN OCTOBER AND NOVEMBER 2014.
- TP14-1** DESIGNATION AND APPROXIMATE LOCATION OF TEST PIT COMPLETED BY CHUTEHALL CONSTRUCTION COMPANY AND MONITORED BY HALEY & ALDRICH, INC. IN SEPTEMBER 2014.
- B403(MW)** DESIGNATION AND REPORTED LOCATION OF TEST BORING COMPLETED BY EARTH EXPLORATION, INC. AND MONITORED BY GEI CONSULTANTS, INC. IN OCTOBER 2007.
- B-1** DESIGNATION AND REPORTED LOCATION OF TEST BORING COMPLETED BY NEW HAMPSHIRE BORING, INC. IN JUNE 2007.
- TP2** DESIGNATION AND REPORTED LOCATION OF TEST PIT COMPLETED BY RDA CONSTRUCTION COMPANY AND MONITORED BY GEO CONSULTANTS, INC. IN JUNE 2007.
- (OW)** INDICATES OBSERVATION WELL INSTALLED IN COMPLETED BOREHOLE
- D** APPROXIMATE LOCATION OF PROPOSED DISCHARGE
- APPROXIMATE ROUTE OF DISCHARGE TO OUTFALL

NOTES:

- BASE PLAN TAKEN FROM PLAN TITLED "EXHIBIT PLAN FOR FAA SUBMITTAL, C100" PREPARED BY FELDMAN PROFESSIONAL LAND SURVEYORS AND DATED 15 AUGUST 2014.
- PROPOSED BUILDING LAYOUT TAKEN FROM PLAN TITLED "ARCHITECTURAL SITE PLAN, A002" PREPARED BY ADD, INC. AND DATED 15 AUGUST 2014.



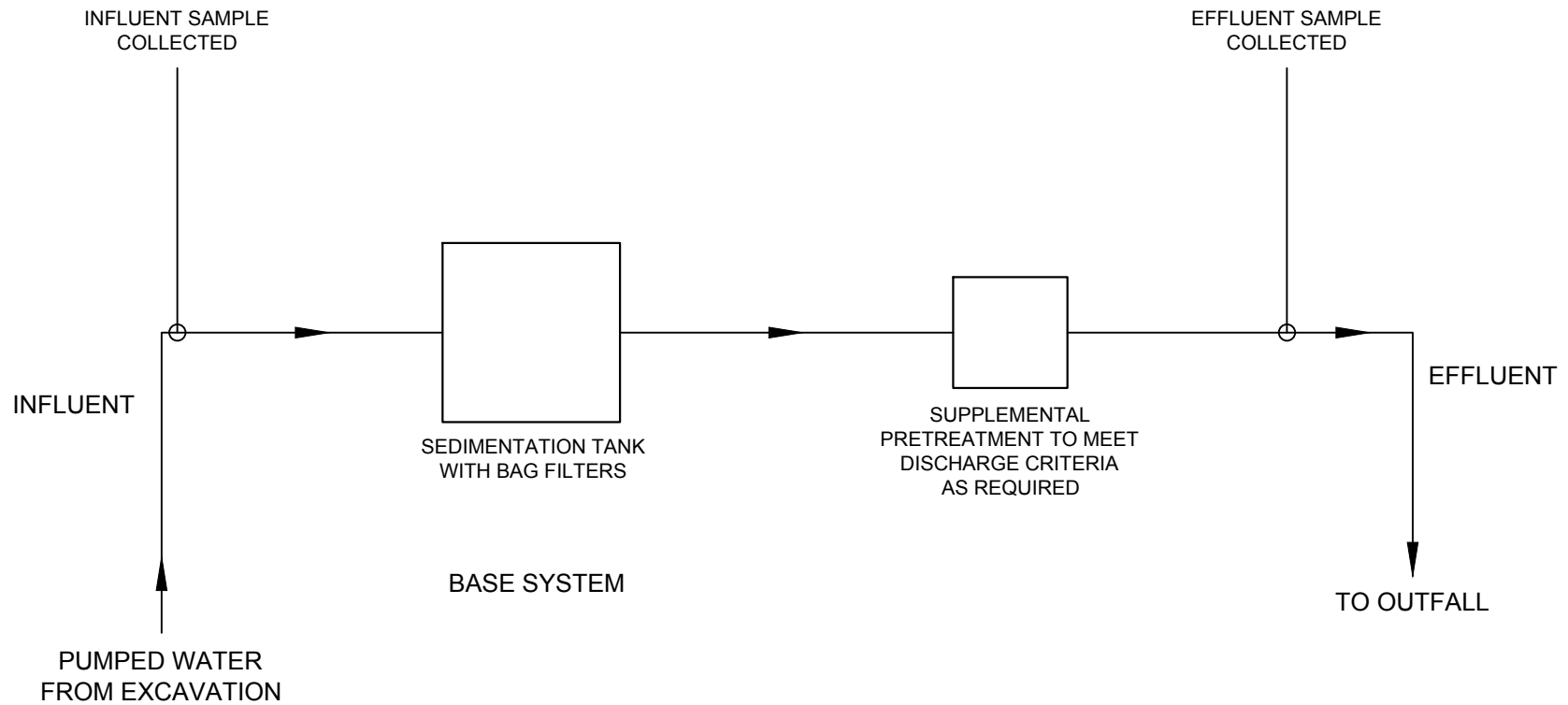
HALEY & ALDRICH

6 NEW STREET
EAST BOSTON, MASSACHUSETTS

SUBSURFACE EXPLORATION AND DISCHARGE LOCATION PLAN

SCALE: AS SHOWN
JANUARY 2015

FIGURE 2



LEGEND:

—▶ DIRECTION OF FLOW

NOTE:

1. DETAILS OF TREATMENT SYSTEM MAY VARY FROM SYSTEM INDICATED ABOVE. SPECIFIC MEANS AND METHODS OF TREATMENT TO BE SELECTED BY CONTRACTOR. WATER WILL BE TREATED TO MEET REQUIRED EFFLUENT STANDARDS.

**HALEY &
ALDRICH**

6 NEW STREET
EAST BOSTON, MASSACHUSETTS

**PROPOSED TREATMENT SYSTEM
SCHEMATIC**

SCALE: AS SHOWN
JANUARY 2015

FIGURE 3

APPENDIX A

Notice of Intent (NOI) for Remediation General Permit (RGP)

B. Suggested Form for Notice of Intent (NOI) for the Remediation General Permit

1. General facility/site information. Please provide the following information about the site:

a) Name of facility/site : 6 New Street		Facility/site mailing address:	
Location of facility/site : longitude: 71°2'38" W latitude: 42°22'15" N	Facility SIC code(s):	Street: 6 New Street	
b) Name of facility/site owner : GEGC 2 New Street, LLC		Town: Boston	
Email address of facility/site owner : Patrick.Wilde@gerdingedlen.com	State: MA	Zip: 02128	County: Suffolk
Telephone no. of facility/site owner : 503-299-6000	Owner is (check one): 1. Federal ☐ 2. State/Tribal ☐ 3. Private ☒ 4. Other ☐ if so, describe:		
Fax no. of facility/site owner :			
Address of owner (if different from site):			
Street: 1477 NW Everett Street			
Town: Portland	State: OR	Zip: 97209	County: Multnomah
c) Legal name of operator : TBD	Operator telephone no: TBD		
	Operator fax no.: TBD	Operator email: TBD	
Operator contact name and title: TBD			
Address of operator (if different from owner):	Street: TBD		
Town: TBD	State: TBD	Zip: TBD	County: TBD

d) Check Y for “yes” or N for “no” for the following:

1. Has a prior NPDES permit exclusion been granted for the discharge? Y ☐ N ☒, if Y, number:
2. Has a prior NPDES application (Form 1 & 2C) ever been filed for the discharge?
Y ☐ N ☒, if Y, date and tracking #:
3. Is the discharge a “new discharge” as defined by 40 CFR 122.2? Y ☒ N ☐
4. For sites in Massachusetts, is the discharge covered under the Massachusetts Contingency Plan (MCP) and exempt from state permitting? Y ☒ N ☐

e) Is site/facility subject to any State permitting, license, or other action which is causing the generation of discharge? Y ☐ N ☒

If Y, please list:

1. site identification # assigned by the state of NH or MA:
2. permit or license # assigned:
3. state agency contact information: name, location, and telephone number:

f) Is the site/facility covered by any other EPA permit, including:

1. Multi-Sector General Permit? Y ☐ N ☒,
if Y, number:
2. Final Dewatering General Permit? Y ☐ N ☒,
if Y, number:
3. EPA Construction General Permit? Y ☐ N ☒,
if Y, number:
4. Individual NPDES permit? Y ☐ N ☒,
if Y, number:
5. any other water quality related individual or general permit? Y ☐ N ☒, if Y, number:

g) Is the site/facility located within or does it discharge to an Area of Critical Environmental Concern (ACEC)? Y ☐ N ☒

h) Based on the facility/site information and any historical sampling data, identify the sub-category into which the potential discharge falls.

<u>Activity Category</u>	<u>Activity Sub-Category</u>
I - Petroleum Related Site Remediation	A. Gasoline Only Sites ☐ B. Fuel Oils and Other Oil Sites (including Residential Non-Business Remediation Discharges) ☐ C. Petroleum Sites with Additional Contamination ☐
II - Non Petroleum Site Remediation	A. Volatile Organic Compound (VOC) Only Sites ☐ B. VOC Sites with Additional Contamination ☐ C. Primarily Heavy Metal Sites ☐
III - Contaminated Construction Dewatering	A. General Urban Fill Sites ☒ B. Known Contaminated Sites ☐

IV - Miscellaneous Related Discharges	A. Aquifer Pump Testing to Evaluate Formerly Contaminated Sites ☐ B. Well Development/Rehabilitation at Contaminated/Formerly Contaminated Sites ☐ C. Hydrostatic Testing of Pipelines and Tanks ☐ D. Long-Term Remediation of Contaminated Sumps and Dikes ☐ E. Short-term Contaminated Dredging Drain Back Waters (if not covered by 401/404 permit) ☐
---------------------------------------	---

2. Discharge information. Please provide information about the discharge, (attaching additional sheets as necessary) including:

a) Describe the discharge activities for which the owner/applicant is seeking coverage:			
Temporary Construction Dewatering			
b) Provide the following information about each discharge:			
1) Number of discharge points:	2) What is the maximum and average flow rate of discharge (in cubic feet per second, ft ³ /s)?		
2	Max. flow 0.223 Is maximum flow a design value ? Y ☐ N ☒ Average flow (include units) 0.1 cfs Is average flow a design value or estimate? estimate		
3) Latitude and longitude of each discharge within 100 feet:			
pt.1: lat.	<input n"="" type="text" value="42°22'15"/>	long.	<input n"="" type="text" value="71°02'38.4"/>
pt.2: lat.	<input n"="" type="text" value="42°22'12"/>	long.	<input n"="" type="text" value="71°02'38.4"/>
pt.3: lat.		long.	
pt.4: lat.		long.	
pt.5: lat.		long.	
pt.6: lat.		long.	
pt.7: lat.		long.	
pt.8: lat.		long.	
etc.			
4) If hydrostatic testing, total volume of the discharge (gals):	5) Is the discharge intermittent ☒ or seasonal ☐ ?		
NA	Is discharge ongoing? Y ☐ N ☒		
c) Expected dates of discharge (mm/dd/yy): start 3/1/2015 end 3/1/2017			
d) Please attach a line drawing or flow schematic showing water flow through the facility including:			
1. sources of intake water. 2. contributing flow from the operation. 3. treatment units. and 4. discharge points and receiving waters(s).			
See Figures 2 and 3			

3. Contaminant information.

a) Based on the sub-category selected (see Appendix III), indicate whether each listed chemical is **believed present** or **believed absent** in the potential discharge. Attach additional sheets as needed.

<u>Parameter *</u>	<u>CAS Number</u>	<u>Believed Absent</u>	<u>Believed Present</u>	<u># of Samples</u>	<u>Sample Type (e.g., grab)</u>	<u>Analytical Method Used (method #)</u>	<u>Minimum Level (ML) of Test Method</u>	<u>Maximum daily value</u>		<u>Average daily value</u>	
								<u>concentration (ug/l)</u>	<u>mass (kg)</u>	<u>concentration (ug/l)</u>	<u>mass (kg)</u>
1. Total Suspended Solids (TSS)		☐	☒	1	GRAB	30, 2540D	10,000	55000		55000	
2. Total Residual Chlorine (TRC)		☒	☐	1	GRAB	30, 4500CL-D	20	ND		ND	
3. Total Petroleum Hydrocarbons (TPH)		☒	☐	1	GRAB	1664A	400	ND		ND	
4. Cyanide (CN)	57125	☒	☐	1	GRAB	4500CN-CE	5	ND		ND	
5. Benzene (B)	71432	☒	☐	1	GRAB	8260C	0.5	ND		ND	
6. Toluene (T)	108883	☒	☐	1	GRAB	8260C	0.75	ND		ND	
7. Ethylbenzene (E)	100414	☒	☐	1	GRAB	8260C	0.5	ND		ND	
8. (m,p,o) Xylenes (X)	108883; 106423; 95476; 1330207	☒	☐	1	GRAB	8260C	1	ND		ND	
9. Total BTEX ²	n/a	☒	☐	1	GRAB	8260C	NA	ND		ND	
10. Ethylene Dibromide (EDB) (1,2-Dibromoethane) ³	106934	☒	☐	1	GRAB	8260C	0.01	ND		ND	
11. Methyl-tert-Butyl Ether (MtBE)	1634044	☒	☐	1	GRAB	8260C	1	ND		ND	
12. tert-Butyl Alcohol (TBA) (Tertiary-Butanol)	75650	☒	☐	1	GRAB	8260C	10	ND		ND	

* Numbering system is provided to allow cross-referencing to Effluent Limits and Monitoring Requirements by Sub-Category included in Appendix III, as well as the Test Methods and Minimum Levels associated with each parameter provided in Appendix VI.

² BTEX = Sum of Benzene, Toluene, Ethylbenzene, total Xylenes.

³ EDB is a groundwater contaminant at fuel spill and pesticide application sites in New England.

<u>Parameter *</u>	<u>CAS Number</u>	<u>Believed Absent</u>	<u>Believed Present</u>	<u># of Samples</u>	<u>Sample Type (e.g., grab)</u>	<u>Analytical Method Used (method #)</u>	<u>Minimum Level (ML) of Test Method</u>	<u>Maximum daily value</u>		<u>Average daily value</u>	
								<u>concentration (ug/l)</u>	<u>mass (kg)</u>	<u>concentration (ug/l)</u>	<u>mass (kg)</u>
13. tert-Amyl Methyl Ether (TAME)	9940508	☒	☐	1	GRAB	8260C	2	ND		ND	
14. Naphthalene	91203	☒	☐	1	GRAB	8260C	2.5	ND		ND	
15. Carbon Tetrachloride	56235	☒	☐	1	GRAB	8260C	0.5	ND		ND	
16. 1,2 Dichlorobenzene (o-DCB)	95501	☒	☐	1	GRAB	8260C	2.5	ND		ND	
17. 1,3 Dichlorobenzene (m-DCB)	541731	☒	☐	1	GRAB	8260C	2.5	ND		ND	
18. 1,4 Dichlorobenzene (p-DCB)	106467	☒	☐	1	GRAB	8260C	2.5	ND		ND	
18a. Total dichlorobenzene		☒	☐	1	GRAB	8260C	NA	ND		ND	
19. 1,1 Dichloroethane (DCA)	75343	☒	☐	1	GRAB	8260C	0.75	ND		ND	
20. 1,2 Dichloroethane (DCA)	107062	☒	☐	1	GRAB	8260C	0.5	ND		ND	
21. 1,1 Dichloroethene (DCE)	75354	☒	☐	1	GRAB	8260C	0.5	ND		ND	
22. cis-1,2 Dichloroethene (DCE)	156592	☒	☐	1	GRAB	8260C	0.5	ND		ND	
23. Methylene Chloride	75092	☒	☐	1	GRAB	8260C	3	ND		ND	
24. Tetrachloroethene (PCE)	127184	☒	☐	1	GRAB	8260C	0.5	ND		ND	
25. 1,1,1 Trichloro-ethane (TCA)	71556	☒	☐	1	GRAB	8260C	0.5	ND		ND	
26. 1,1,2 Trichloro-ethane (TCA)	79005	☒	☐	1	GRAB	8260C	0.75	ND		ND	
27. Trichloroethene (TCE)	79016	☒	☐	1	GRAB	8260C	0.5	ND		ND	

<u>Parameter *</u>	<u>CAS Number</u>	<u>Believed Absent</u>	<u>Believed Present</u>	<u># of Samples</u>	<u>Sample Type (e.g., grab)</u>	<u>Analytical Method Used (method #)</u>	<u>Minimum Level (ML) of Test Method</u>	<u>Maximum daily value</u>		<u>Average daily value</u>	
								<u>concentration (ug/l)</u>	<u>mass (kg)</u>	<u>concentration (ug/l)</u>	<u>mass (kg)</u>
28. Vinyl Chloride (Chloroethene)	75014	☒	☐	1	GRAB	8260C	1	ND		ND	
29. Acetone	67641	☒	☐	1	GRAB	8260C	5	ND		ND	
30. 1,4 Dioxane	123911	☒	☐	1	GRAB	8260C-SIM	3	ND		ND	
31. Total Phenols	108952	☒	☐	1	GRAB	420.1	30	ND		ND	
32. Pentachlorophenol (PCP)	87865	☒	☐	1	GRAB	8270D	0.8	ND		ND	
33. Total Phthalates (Phthalate esters) ⁴		☒	☐	1	GRAB	8270D	NA	ND		ND	
34. Bis (2-Ethylhexyl) Phthalate [Di- (ethylhexyl) Phthalate]	117817	☒	☐	1	GRAB	8270D	3	ND		ND	
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)		☐	☒	1	GRAB			1.73		1.73	
a. Benzo(a) Anthracene	56553	☐	☒	1	GRAB	8270D-SIM	0.2	0.27		0.27	
b. Benzo(a) Pyrene	50328	☐	☒	1	GRAB	8270D-SIM	0.2	0.36		0.36	
c. Benzo(b)Fluoranthene	205992	☐	☒	1	GRAB	8270D-SIM	0.2	0.51		0.51	
d. Benzo(k)Fluoranthene	207089	☒	☐	1	GRAB	8270D-SIM	0.2	ND		ND	
e. Chrysene	21801	☐	☒	1	GRAB	8270D-SIM	0.2	0.29		0.29	
f. Dibenzo(a,h)anthracene	53703	☒	☐	1	GRAB	8270D-SIM	0.2	ND		ND	
g. Indeno(1,2,3-cd) Pyrene	193395	☐	☒	1	GRAB	8270D-SIM	0.2	0.3		0.3	
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)		☐	☒	1	GRAB			1.34		1.34	

⁴ The sum of individual phthalate compounds.

<u>Parameter *</u>	<u>CAS Number</u>	<u>Believed Absent</u>	<u>Believed Present</u>	<u># of Samples</u>	<u>Sample Type (e.g., grab)</u>	<u>Analytical Method Used (method #)</u>	<u>Minimum Level (ML) of Test Method</u>	<u>Maximum daily value</u>		<u>Average daily value</u>	
								<u>concentration (ug/l)</u>	<u>mass (kg)</u>	<u>concentration (ug/l)</u>	<u>mass (kg)</u>
h. Acenaphthene	83329	☒	☐	1	GRAB	8270D-SIM	0.2	ND		ND	
i. Acenaphthylene	208968	☒	☐	1	GRAB	8270D-SIM	0.2	ND		ND	
j. Anthracene	120127	☒	☐	1	GRAB	8270D-SIM	0.2	ND		ND	
k. Benzo(ghi) Perylene	191242	☐	☒	1	GRAB	8270D-SIM	0.2	0.26		0.26	
l. Fluoranthene	206440	☐	☒	1	GRAB	8270D-SIM	0.2	0.42		0.42	
m. Fluorene	86737	☒	☐	1	GRAB	8270D-SIM	0.2	ND		ND	
n. Naphthalene	91203	☒	☐	1	GRAB	8270D-SIM	0.2	ND		ND	
o. Phenanthrene	85018	☐	☒	1	GRAB	8270D-SIM	0.2	0.2		0.2	
p. Pyrene	129000	☐	☒	1	GRAB	8270D-SIM	0.2	0.46		0.46	
37. Total Polychlorinated Biphenyls (PCBs)	85687; 84742; 117840; 84662; 131113; 117817.	☒	☐	1	GRAB	608	0.25	ND		ND	
38. Chloride	16887006	☐	☒	1	GRAB	300.0	25000	1720000		1720000	
39. Antimony	7440360	☒	☐	1	GRAB	6020	02	ND		ND	
40. Arsenic	7440382	☐	☒	1	GRAB	6020	1	3.64		3.64	
41. Cadmium	7440439	☒	☐	1	GRAB	6020	0.2	ND		ND	
42. Chromium III (trivalent)	16065831	☐	☒	1	GRAB	6020	1	6.35		6.35	
43. Chromium VI (hexavalent)	18540299	☒	☐	1	GRAB	3500CR-D	10	ND		ND	
44. Copper	7440508	☐	☒	1	GRAB	6020	1	11.78		11.78	
45. Lead	7439921	☐	☒	1	GRAB	6020	0.2	77.05		77.05	
46. Mercury	7439976	☒	☐	1	GRAB	245.1	0.2	ND		ND	
47. Nickel	7440020	☐	☒	1	GRAB	6020	0.2	2.86		2.86	
48. Selenium	7782492	☒	☐	3	GRAB	1632A	5	ND		ND	
49. Silver	7440224	☒	☐	1	GRAB	6020	0.4	ND		ND	
50. Zinc	7440666	☐	☒	1	GRAB	6020	5	62.96		62.96	
51. Iron	7439896	☐	☒	1	GRAB	200.7	50	2200		2200	
Other (describe):		☐	☐								

<u>Parameter *</u>	<u>CAS Number</u>	<u>Believed Absent</u>	<u>Believed Present</u>	<u># of Samples</u>	<u>Sample Type (e.g., grab)</u>	<u>Analytical Method Used (method #)</u>	<u>Minimum Level (ML) of Test Method</u>	<u>Maximum daily value</u>		<u>Average daily value</u>	
								<u>concentration (ug/l)</u>	<u>mass (kg)</u>	<u>concentration (ug/l)</u>	<u>mass (kg)</u>
		☐	☐								
		☐	☐								

b) For discharges where **metals** are believed present, please fill out the following (attach results of any calculations):

<i>Step 1:</i> Do any of the metals in the influent exceed the effluent limits in Appendix III (i.e., the limits set at zero dilution)? Y ☒ N ☐	If yes, which metals? Copper, Iron, and Lead
<i>Step 2:</i> For any metals which exceed the Appendix III limits, calculate the dilution factor (DF) using the formula in Part I.A.3.c (step 2) of the NOI instructions or as determined by the State prior to the submission of this NOI. What is the dilution factor for applicable metals? Metal: DF: Metal: DF: Metal: DF: Metal: DF: Etc.	Look up the limit calculated at the corresponding dilution factor in Appendix IV. Do any of the metals in the influent have the potential to exceed the corresponding effluent limits in Appendix IV (i.e., is the influent concentration above the limit set at the calculated dilution factor)? Y ☒ N ☐ If Y, list which metals: Copper, Iron and Lead

4. Treatment system information. Please describe the treatment system using separate sheets as necessary, including:

a) A description of the treatment system, including a schematic of the proposed or existing treatment system:

See Attached Figure 3						
b) Identify each applicable treatment unit (check all that apply):	Frac. tank ☒	Air stripper ☐	Oil/water separator ☐	Equalization tanks ☐	Bag filter ☒	GAC filter ☐
	Chlorination ☐	De-chlorination ☐	Other (please describe):	Additional pretreatment as necessary to meet NPDES RGP Discharge Criteria.		

c) Proposed **average** and **maximum flow rates** (gallons per minute) for the discharge and the **design flow rate(s)** (gallons per minute) of the treatment system:

Average flow rate of discharge gpm Maximum flow rate of treatment system gpm
Design flow rate of treatment system gpm

d) A description of chemical additives being used or planned to be used (attach MSDS sheets):

N/A

5. Receiving surface water(s). Please provide information about the receiving water(s), using separate sheets as necessary:

a) Identify the discharge pathway:

Direct to receiving water ☐

Within facility (sewer) ☐

Storm drain ☒

Wetlands ☐

Other (describe):

b) Provide a narrative description of the discharge pathway, including the name(s) of the receiving waters:

Effluent will be discharged to storm drains which discharge to the Boston Harbor via outfall CSO009.

c) Attach a detailed map(s) indicating the site location and location of the outfall to the receiving water:

1. For multiple discharges, number the discharges sequentially.

2. For indirect dischargers, indicate the location of the discharge to the indirect conveyance and the discharge to surface water

The map should also include the location and distance to the nearest sanitary sewer as well as the locus of nearby sensitive receptors (based on USGS topographical mapping), such as surface waters, drinking water supplies, and wetland areas.

d) Provide the state water quality classification of the receiving water

SB

e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water

N/A

cfs

Please attach any calculation sheets used to support stream flow and dilution calculations.

f) Is the receiving water a listed 303(d) water quality impaired or limited water? Y ☒ N ☐ If yes, for which pollutant(s)?

Is there a final TMDL? Y ☒ N ☐ If yes, for which pollutant(s)? Phosphorus (Total); Lead; Oxygen, Dissolved.; Foam/Flocs/Scum/Oil Slicks; Fecal Coliform; Copper

6. ESA and NHPA Eligibility.

Please provide the following information according to requirements of Permit Parts I.A.4 and I.A.5 Appendices II and VII.

- a) Using the instructions in Appendix VII and information on Appendix II, under which criterion listed in Part I.C are you eligible for coverage under this general permit?
A ☒ B ☐ C ☐ D ☐ E ☐ F ☐
- b) If you selected Criterion D or F, has consultation with the federal services been completed? Y ☐ N ☐ Underway ☐
- c) If consultation with U.S. Fish and Wildlife Service and/or NOAA Fisheries Service was completed, was a written concurrence finding that the discharge is “not likely to adversely affect” listed species or critical habitat received? Y ☒ N ☐
- d) Attach documentation of ESA eligibility as described in the NOI instructions and required by Appendix VII, Part I.C, Step 4.
- e) Using the instructions in Appendix VII, under which criterion listed in Part II.C are you eligible for coverage under this general permit?
1 ☐ 2 ☒ 3 ☐
- f) If Criterion 3 was selected, attach all written correspondence with the State or Tribal historic preservation officers, including any terms and conditions that outline measures the applicant must follow to mitigate or prevent adverse effects due to activities regulated by the RGP.

7. Supplemental information.

Please provide any supplemental information. Attach any analytical data used to support the application. Attach any certification(s) required by the general permit.

Laboratory Data is provided in Appendix F

8. Signature Requirements: The Notice of Intent must be signed by the operator in accordance with the signatory requirements of 40 CFR Section 122.22, including the following certification:

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 gather and evaluate 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, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Facility/Site Name:	6 New Street
Operator signature:	
Printed Name & Title:	Patrick Wilde - GEGC 2 New Street, LLC
Date:	1/5/2015

APPENDIX B

Best Management Practices Plan (BMPP)

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
REMEDATION GENERAL PERMIT
TEMPORARY CONSTRUCTION DEWATERING
6 NEW STREET
EAST BOSTON, MASSACHUSETTS**

Best Management Practices Plan

A Notice of Intent for a Remediation General Permit (RGP) under the National Pollutant Discharge Elimination System (NPDES) has been submitted to the US Environmental Protection Agency (EPA) in anticipation of temporary construction dewatering planned to occur during the construction of the proposed development at 6 New Street in East Boston, Massachusetts. This Best Management Practices Plan (BMPP) has been prepared as an Appendix to the RGP and will be posted at the site during the time period that temporary construction dewatering is occurring at the site.

Water Treatment and Management

Construction dewatering will be conducted using a combination of drainage ditches and sumps located inside the excavation. The treatment system will be designed by the Contractor. Prior to discharge, collected water will likely be routed through a sedimentation tank with bag filters to remove suspended solids and undissolved chemical constituents. Supplemental pretreatment may be required to meet discharge criteria as shown on the Proposed Treatment System Schematic included in Figure 3. Construction dewatering under this RGP NOI will include piping and discharging to storm drains located near the site. The storm drains are located adjacent to the south of the Site and travel east beneath Sumner Street before traveling south and discharging from outfall “CSO009” into Boston Harbor. The proposed discharge route is shown on Figure 2.

Discharge Monitoring and Compliance

Regular sampling and testing will be conducted by the Contractor at the treated effluent as required by the RGP. This includes chemical testing required within the first month of discharging, and the monthly testing to be conducted through the end of the scheduled discharge.

Monitoring will include checking the condition of the treatment system, assessing the need for treatment system adjustments based on monitoring data, observing and recording daily flow rates and discharge quantities, and verifying the flow path of the discharged effluent.

The total monthly flow will be monitored by checking and documenting the flow through the flow meter to be installed on the system. Flow will be maintained below the “system design flow” by regularly monitoring flow and adjusting the amount of construction dewatering as needed.

Monthly monitoring reports will be compiled and maintained at the site.

System Maintenance

A number of methods will be used to minimize the potential for violations for the term of this permit. Scheduled regular maintenance of the treatment system will be conducted to verify proper operation. Regular maintenance will include checking the condition of the treatment system equipment such as the fractionization tanks, filters, hoses, pumps, and flow meters. Equipment will be monitored daily for potential issues or unscheduled maintenance requirements.

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
REMEDATION GENERAL PERMIT
TEMPORARY CONSTRUCTION DEWATERING
6 NEW STREET
EAST BOSTON, MASSACHUSETTS**

Employees who have direct or indirect responsibility for ensuring compliance with the RGP will be trained by the Operator.

Miscellaneous Items

It is anticipated that the excavation support system, erosion control measures, and the nature of the site and surrounding infrastructure will minimize potential runoff to or from the site. The project specifications also include requirements for erosion control.

Site security for the treatment system will be covered within the overall site security plan. .

No adverse affects of designated water uses of surrounding surface water bodies is anticipated. Boston Harbor is the nearest surface water body to the site located adjacent to construction activities on site. Dewatering effluent will be pumped to a sedimentation tank with bag filters prior to discharge to the storm drains.

Management of Treatment System Materials

Groundwater analytical data for the site is above the NPDES RGP criteria for total copper, total iron and total lead. The total lead concentration also exceeds applicable RCGW-2 criteria. Dewatering effluent will be pumped directly to the treatment system from the excavation with use of hoses and sumps to minimize handling. The contractor will establish staging areas on the site for any equipment or materials storage which may be possible sources of pollution away from any dewatering activities.

Sediment from the fractionalization tank used in the treatment system will be characterized and disposed of as soil at an appropriate receiving facility in accordance with applicable laws and regulations. Bag filters will be placed in drums and manifested for off-site disposal.

APPENDIX C

Endangered Species Act Documentation

MASSACHUSETTS AREAS OF CRITICAL ENVIRONMENTAL CONCERN

November 2010

Total Approximate Acreage: 268,000 acres

Approximate acreage and designation date follow ACEC names below.

Bourne Back River

(1,850 acres, 1989) Bourne

Canoe River Aquifer and Associated Areas (17,200 acres, 1991) Easton, Foxborough, Mansfield, Norton, Sharon, and Taunton

Cedar Swamp

(1,650 acres, 1975) Hopkinton and Westborough

Central Nashua River Valley

(12,900 acres, 1996) Bolton, Harvard, Lancaster, and Leominster

Cranberry Brook Watershed

(1,050 acres, 1983) Braintree and Holbrook

Ellisville Harbor

(600 acres, 1980) Plymouth

Fowl Meadow and Ponkapoag Bog

(8,350 acres, 1992) Boston, Canton, Dedham, Milton, Norwood, Randolph, Sharon, and Westwood

Golden Hills

(500 acres, 1987) Melrose, Saugus, and Wakefield

Great Marsh (originally designated as Parker River/Essex Bay)

(25,500 acres, 1979) Essex, Gloucester, Ipswich, Newbury, and Rowley

Herring River Watershed

(4,450 acres, 1991) Bourne and Plymouth

Hinsdale Flats Watershed

(14,500 acres, 1992) Dalton, Hinsdale, Peru, and Washington

Hockomock Swamp

(16,950 acres, 1990) Bridgewater, Easton, Norton, Raynham, Taunton, and West Bridgewater

Inner Cape Cod Bay

(2,600 acres, 1985) Brewster, Eastham, and Orleans

Kampoosa Bog Drainage Basin

(1,350 acres, 1995) Lee and Stockbridge

Karner Brook Watershed

(7,000 acres, 1992) Egremont and Mount Washington

Miscoe, Warren, and Whitehall Watersheds

(8,700 acres, 2000) Grafton, Hopkinton, and Upton

Neponset River Estuary

(1,300 acres, 1995) Boston, Milton, and Quincy

Petapawag

(25,680 acres, 2002) Ayer, Dunstable, Groton, Pepperell, and Tyngsborough

Pleasant Bay

(9,240 acres, 1987) Brewster, Chatham, Harwich, and Orleans

Pocasset River

(160 acres, 1980) Bourne

Rumney Marshes

(2,800 acres, 1988) Boston, Lynn, Revere, Saugus, and Winthrop

Sandy Neck Barrier Beach System

(9,130 acres, 1978) Barnstable and Sandwich

Schenob Brook Drainage Basin

(13,750 acres, 1990) Mount Washington and Sheffield

Squannassit

(37,420 acres, 2002) Ashby, Ayer, Groton, Harvard, Lancaster, Lunenburg, Pepperell, Shirley, and Townsend

Three Mile River Watershed

(14,280 acres, 2008) Dighton, Norton, Taunton

Upper Housatonic River

(12,280 acres, 2009) Lee, Lenox, Pittsfield, Washington

Waquoit Bay

(2,580 acres, 1979) Falmouth and Mashpee

Weir River

(950 acres, 1986) Cohasset, Hingham, and Hull

Wellfleet Harbor

(12,480 acres, 1989) Eastham, Truro, and Wellfleet

Weymouth Back River

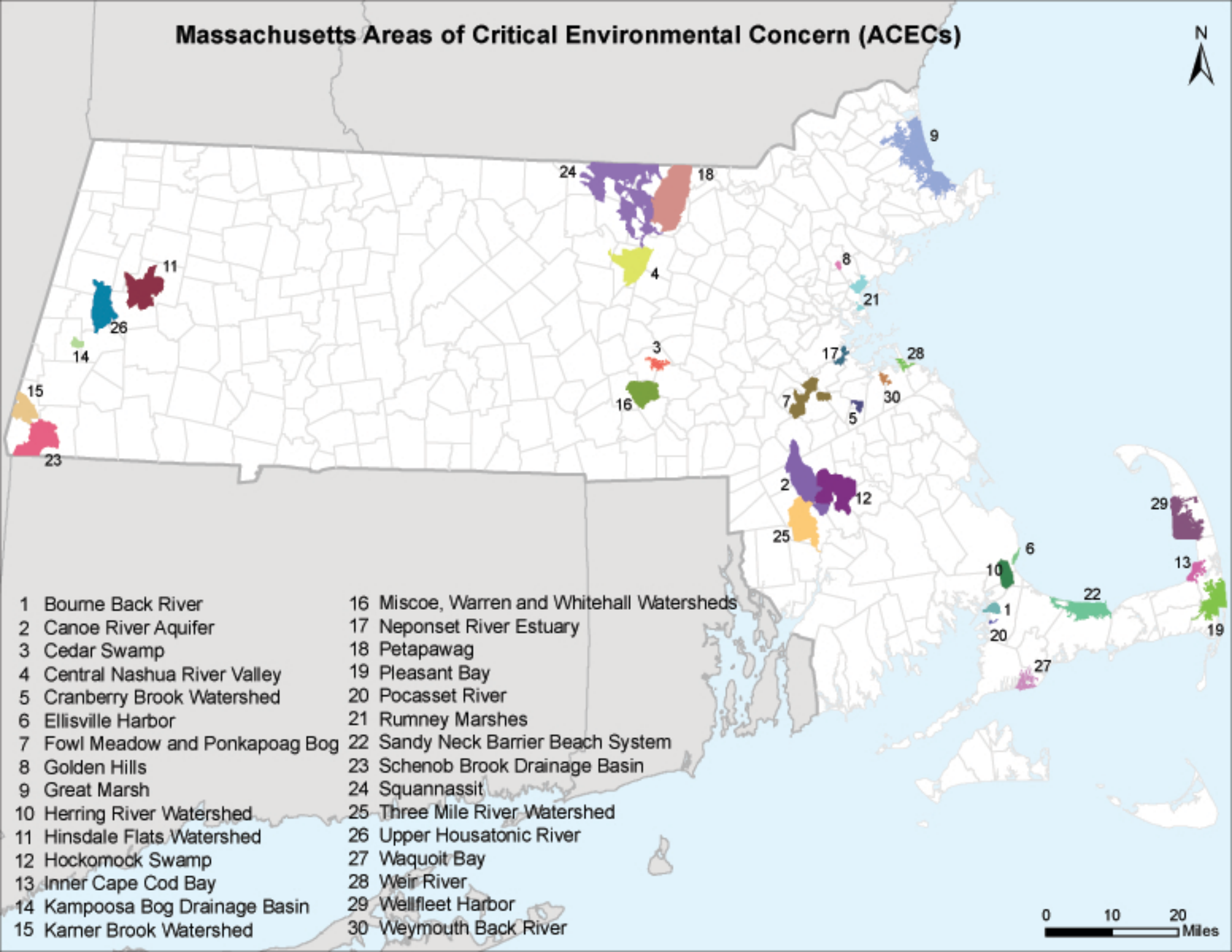
(800 acres, 1982) Hingham and Weymouth

Towns with ACECs within their Boundaries

November 2010

TOWN	ACEC	TOWN	ACEC
Ashby	Squannassit	Mt. Washington	Karner Brook Watershed
Ayer	Petapawag		Schenob Brook
	Squannassit	Newbury	Great Marsh
Barnstable	Sandy Neck Barrier Beach System	Norton	Hockomock Swamp
Bolton	Central Nashua River Valley		Canoe River Aquifer
Boston	Rumney Marshes		Three Mile River Watershed
	Fowl Meadow and Ponkapoag Bog	Norwood	Fowl Meadow and Ponkapoag Bog
	Neponset River Estuary	Orleans	Inner Cape Cod Bay
Bourne	Pocasset River		Pleasant Bay
	Bourne Back River	Pepperell	Petapawag
	Herring River Watershed		Squannassit
Braintree	Cranberry Brook Watershed	Peru	Hinsdale Flats Watershed
Brewster	Pleasant Bay	Pittsfield	Upper Housatonic River
	Inner Cape Cod Bay	Plymouth	Herring River Watershed
Bridgewater	Hockomock Swamp		Ellisville Harbor
Canton	Fowl Meadow and Ponkapoag Bog	Quincy	Neponset River Estuary
Chatham	Pleasant Bay	Randolph	Fowl Meadow and Ponkapoag Bog
Cohasset	Weir River	Raynham	Hockomock Swamp
Dalton	Hinsdale Flats Watershed	Revere	Rumney Marshes
Dedham	Fowl Meadow and Ponkapoag Bog	Rowley	Great Marsh
Dighton	Three Mile River Watershed	Sandwich	Sandy Neck Barrier Beach System
Dunstable	Petapawag	Saugus	Rumney Marshes
Eastham	Inner Cape Cod Bay		Golden Hills
	Wellfleet Harbor	Sharon	Canoe River Aquifer
Easton	Canoe River Aquifer		Fowl Meadow and Ponkapoag Bog
	Hockomock Swamp	Sheffield	Schenob Brook
Egremont	Karner Brook Watershed	Shirley	Squannassit
Essex	Great Marsh	Stockbridge	Kampoosa Bog Drainage Basin
Falmouth	Waquoit Bay	Taunton	Hockomock Swamp
Foxborough	Canoe River Aquifer		Canoe River Aquifer
Gloucester	Great Marsh		Three Mile River Watershed
Grafton	Miscoe-Warren-Whitehall Watersheds	Truro	Wellfleet Harbor
		Townsend	Squannassit
Groton	Petapawag	Tyngsborough	Petapawag
	Squannassit	Upton	Miscoe-Warren-Whitehall Watersheds
Harvard	Central Nashua River Valley		
	Squannassit	Wakefield	Golden Hills
Harwich	Pleasant Bay	Washington	Hinsdale Flats Watershed
Hingham	Weir River		Upper Housatonic River
	Weymouth Back River	Wellfleet	Wellfleet Harbor
Hinsdale	Hinsdale Flats Watershed	W Bridgewater	Hockomock Swamp
Holbrook	Cranberry Brook Watershed	Westborough	Cedar Swamp
Hopkinton	Miscoe-Warren-Whitehall Watersheds	Westwood	Fowl Meadow and Ponkapoag Bog
		Weymouth	Weymouth Back River
	Cedar Swamp	Winthrop	Rumney Marshes
Hull	Weir River		
Ipswich	Great Marsh		
Lancaster	Central Nashua River Valley		
	Squannassit		
Lee	Kampoosa Bog Drainage Basin		
	Upper Housatonic River		
Lenox	Upper Housatonic River		
Leominster	Central Nashua River Valley		
Lunenburg	Squannassit		
Lynn	Rumney Marshes		
Mansfield	Canoe River Aquifer		
Mashpee	Waquoit Bay		
Melrose	Golden Hills		
Milton	Fowl Meadow and Ponkapoag Bog		
	Neponset River Estuary		

Massachusetts Areas of Critical Environmental Concern (ACECs)



0 10 20 Miles

- | | |
|---------------------------------|--|
| 1 Bourne Back River | 16 Miscoe, Warren and Whitehall Watersheds |
| 2 Canoe River Aquifer | 17 Neponset River Estuary |
| 3 Cedar Swamp | 18 Petapawag |
| 4 Central Nashua River Valley | 19 Pleasant Bay |
| 5 Cranberry Brook Watershed | 20 Pocasset River |
| 6 Ellisville Harbor | 21 Rumney Marshes |
| 7 Fowl Meadow and Ponkapoag Bog | 22 Sandy Neck Barrier Beach System |
| 8 Golden Hills | 23 Schenob Brook Drainage Basin |
| 9 Great Marsh | 24 Squannassit |
| 10 Herring River Watershed | 25 Three Mile River Watershed |
| 11 Hinsdale Flats Watershed | 26 Upper Housatonic River |
| 12 Hockomock Swamp | 27 Waquoit Bay |
| 13 Inner Cape Cod Bay | 28 Weir River |
| 14 Kampoosa Bog Drainage Basin | 29 Wellfleet Harbor |
| 15 Karter Brook Watershed | 30 Weymouth Back River |

FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES IN MASSACHUSETTS

COUNTY	SPECIES	FEDERAL STATUS	GENERAL LOCATION/HABITAT	TOWNS
Barnstable	Piping Plover	Threatened	Coastal Beaches	All Towns
	Roseate Tern	Endangered	Coastal beaches and the Atlantic Ocean	All Towns
	Northeastern beach tiger beetle	Threatened	Coastal Beaches	Chatham
	Sandplain gerardia	Endangered	Open areas with sandy soils.	Sandwich and Falmouth.
	Northern Red-bellied Cooter	Endangered	Inland Ponds and Rivers	Bourne (north of the Cape Cod Canal)
Berkshire	Bog Turtle	Threatened	Wetlands	Egremont and Sheffield
Bristol	Piping Plover	Threatened	Coastal Beaches	Fairhaven, Dartmouth, Westport
	Roseate Tern	Endangered	Coastal beaches and the Atlantic Ocean	Fairhaven, New Bedford, Dartmouth, Westport
	Northern Red-bellied Cooter	Endangered	Inland Ponds and Rivers	Taunton
Dukes	Roseate Tern	Endangered	Coastal beaches and the Atlantic Ocean	All Towns
	Piping Plover	Threatened	Coastal Beaches	All Towns
	Northeastern beach tiger beetle	Threatened	Coastal Beaches	Aquinnah and Chilmark
	Sandplain gerardia	Endangered	Open areas with sandy soils.	West Tisbury
Essex	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Gloucester, Essex and Manchester
	Piping Plover	Threatened	Coastal Beaches	Gloucester, Essex, Ipswich, Rowley, Revere, Newbury, Newburyport and Salisbury
Franklin	Northeastern bulrush	Endangered	Wetlands	Montague, Warwick
	Dwarf wedgemussel	Endangered	Mill River	Whately
Hampshire	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Hadley
	Puritan tiger beetle	Threatened	Sandy beaches along the Connecticut River	Northampton and Hadley
	Dwarf wedgemussel	Endangered	Rivers and Streams.	Hatfield, Amherst and Northampton
Hampden	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Southwick
Middlesex	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Groton
Nantucket	Piping Plover	Threatened	Coastal Beaches	Nantucket
	Roseate Tern	Endangered	Coastal beaches and the Atlantic Ocean	Nantucket
	American burying beetle	Endangered	Upland grassy meadows	Nantucket
Plymouth	Piping Plover	Threatened	Coastal Beaches	Scituate, Marshfield, Duxbury, Plymouth, Wareham and Mattapoisett
	Northern Red-bellied Cooter	Endangered	Inland Ponds and Rivers	Kingston, Middleborough, Carver, Plymouth, Bourne, Wareham, Halifax, and Pembroke
	Roseate Tern	Endangered	Coastal beaches and the Atlantic Ocean	Plymouth, Marion, Wareham, and Mattapoisett.
Suffolk	Piping Plover	Threatened	Coastal Beaches	Winthrop
Worcester	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Leominster

- Eastern cougar and gray wolf are considered extirpated in Massachusetts.
- Endangered gray wolves are not known to be present in Massachusetts, but dispersing individuals from source populations in Canada may occur statewide.
- Critical habitat for the Northern Red-bellied Cooter is present in Plymouth County.

Town Species Viewer

Town:

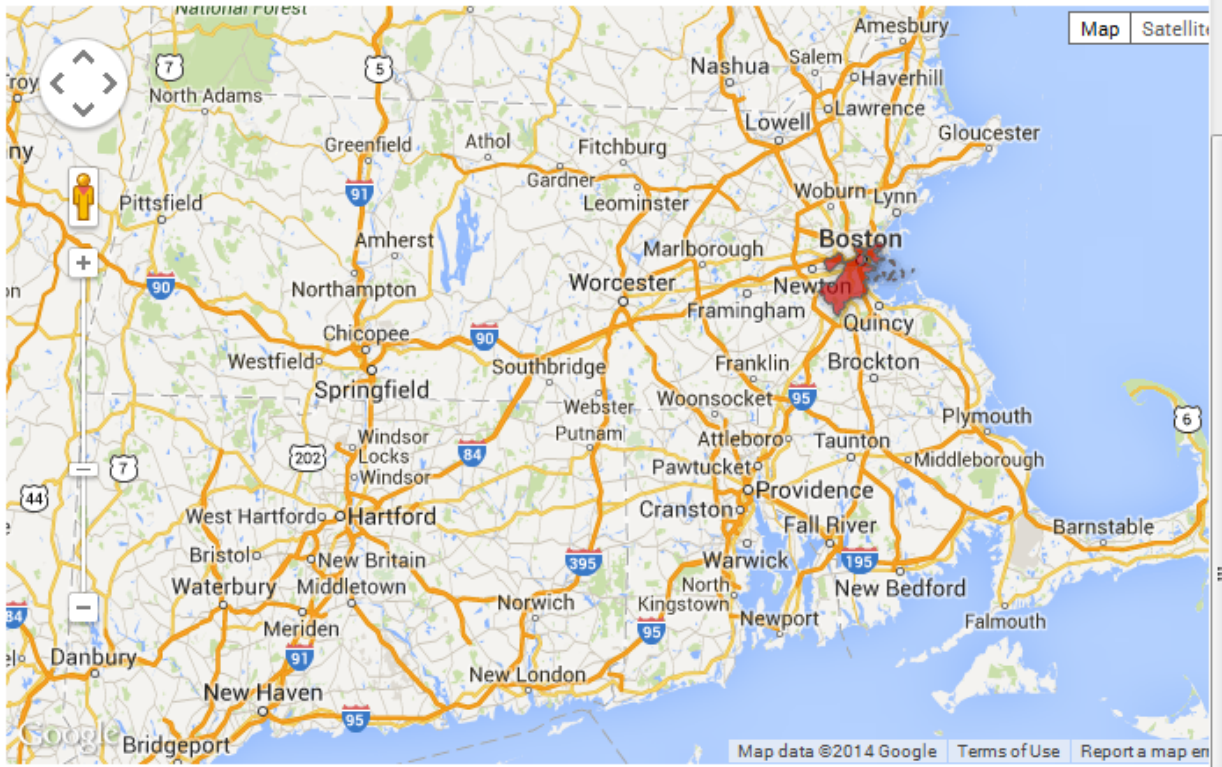
BOSTON

or

Species (Common Name):

or

Species (Scientific Name):



Town	Taxonomic Group	Scientific Name	Common Name	MESA Status	Most Recent Obs
BOSTON	Butterfly/Moth	<i>Abagrotis nefascia</i>	Coastal Heathland Cutworm	SC	2001
BOSTON	Bird	<i>Accipiter striatus</i>	Sharp-shinned Hawk	SC	1898
BOSTON	Vascular Plant	<i>Ageratina aromatica</i>	Lesser Snakeroot	E	1896
BOSTON	Amphibian	<i>Ambystoma laterale</i>	Blue-spotted Salamander	SC	2013
BOSTON	Bird	<i>Ammodramus savannarum</i>	Grasshopper Sparrow	T	1993
BOSTON	Butterfly/Moth	<i>Apodrepanulatrix liberaria</i>	New Jersey Tea Inchworm	E	Historic
BOSTON	Vascular Plant	<i>Aristida purpurascens</i>	Purple Needlegrass	T	Historic
BOSTON	Vascular Plant	<i>Aristida tuberculosa</i>	Seabeach Needlegrass	T	1877
BOSTON	Vascular Plant	<i>Asclepias verticillata</i>	Linear-leaved Milkweed	T	1878
BOSTON	Bird	<i>Bartramia longicauda</i>	Upland Sandpiper	E	1993
BOSTON	Vascular Plant	<i>Boechera missouriensis</i>	Green Rock-cress	T	1930
BOSTON	Vascular Plant	<i>Carex striata</i>	Walter's Sedge	E	Historic
BOSTON	Bird	<i>Charadrius melodus</i>	Piping Plover	T	2011
BOSTON	Beetle	<i>Cicindela duodecimguttata</i>	Twelve-spotted Tiger Beetle	SC	1910
BOSTON	Beetle	<i>Cicindela purpurea</i>	Cow Path Tiger Beetle	SC	1928
BOSTON	Beetle	<i>Cicindela rufiventris hentzii</i>	Eastern Red-bellied Tiger Beetle	T	1927
BOSTON	Vascular Plant	<i>Desmodium cuspidatum</i>	Large-bracted Tick-trefoil	T	1896
BOSTON	Vascular Plant	<i>Eriophorum gracile</i>	Slender Cottongrass	T	1885
BOSTON	Bird	<i>Falco peregrinus</i>	Peregrine Falcon	E	2013
BOSTON	Fish	<i>Gasterosteus aculeatus</i>	Threespine Stickleback	T	2000
BOSTON	Bird	<i>Gavia immer</i>	Common Loon	SC	1824
BOSTON	Vascular Plant	<i>Houstonia longifolia</i>	Long-leaved Bluet	E	1918
BOSTON	Vascular Plant	<i>Liatris scariosa</i> var. <i>novae-angliae</i>	New England Blazing Star	SC	1933
BOSTON	Mussel	<i>Ligumia nasuta</i>	Eastern Pondmussel	SC	1841
BOSTON	Vascular Plant	<i>Linum medium</i> var. <i>texanum</i>	Rigid Flax	T	1909
BOSTON	Vascular Plant	<i>Lycopus rubellus</i>	Gypsywort	E	1896
BOSTON	Butterfly/Moth	<i>Metarranthus apicaria</i>	Barrens Metarranthus	E	1934
BOSTON	Vascular Plant	<i>Myriophyllum alterniflorum</i>	Alternate-flowered Water-milfoil	E	Historic
BOSTON	Vascular Plant	<i>Ophioglossum pusillum</i>	Adder's-tongue Fern	T	1884
BOSTON	Vascular Plant	<i>Platanthera flava</i> var. <i>herbiola</i>	Pale Green Orchis	T	1908
BOSTON	Bird	<i>Poocetes gramineus</i>	Vesper Sparrow	T	1985
BOSTON	Butterfly/Moth	<i>Pyrrhia aurantiago</i>	Orange Sallow Moth	SC	1988
BOSTON	Vascular Plant	<i>Ranunculus micranthus</i>	Tiny-flowered Buttercup	E	1891
BOSTON	Vascular Plant	<i>Rumex pallidus</i>	Seabeach Dock	T	1984
BOSTON	Vascular Plant	<i>Sanicula odorata</i>	Long-styled Sanicle	T	Historic
BOSTON	Amphibian	<i>Scaphiopus holbrookii</i>	Eastern Spadefoot	T	1932
BOSTON	Vascular Plant	<i>Scirpus longii</i>	Long's Bulrush	T	1907
BOSTON	Vascular Plant	<i>Setaria parviflora</i>	Bristly Foxtail	SC	2001
BOSTON	Dragonfly/Damselfly	<i>Somatochlora linearis</i>	Mocha Emerald	SC	2009
BOSTON	Bird	<i>Sterna hirundo</i>	Common Tern	SC	2012
BOSTON	Bird	<i>Sterna antillarum</i>	Least Tern	SC	2012
BOSTON	Vascular Plant	<i>Suaeda calceoliformis</i>	American Sea-blite	SC	1909
BOSTON	Reptile	<i>Terrapene carolina</i>	Eastern Box Turtle	SC	1939
BOSTON	Bird	<i>Tyto alba</i>	Barn Owl	SC	1989
BOSTON	Bird	<i>Vermivora chrysoptera</i>	Golden-winged Warbler	E	Historic
BOSTON	Vascular Plant	<i>Viola brittoniana</i>	Britton's Violet	T	1909

Show 50 entries

Show Additional Info

MassDEP - Bureau of Waste Site Cleanup

Site Information:

6 AND 26 NEW STREET
6 NEW STREET BOSTON, MA

NAD83 UTM Meters:

4693004mN, 331713mE (Zone: 19)
November 19, 2014

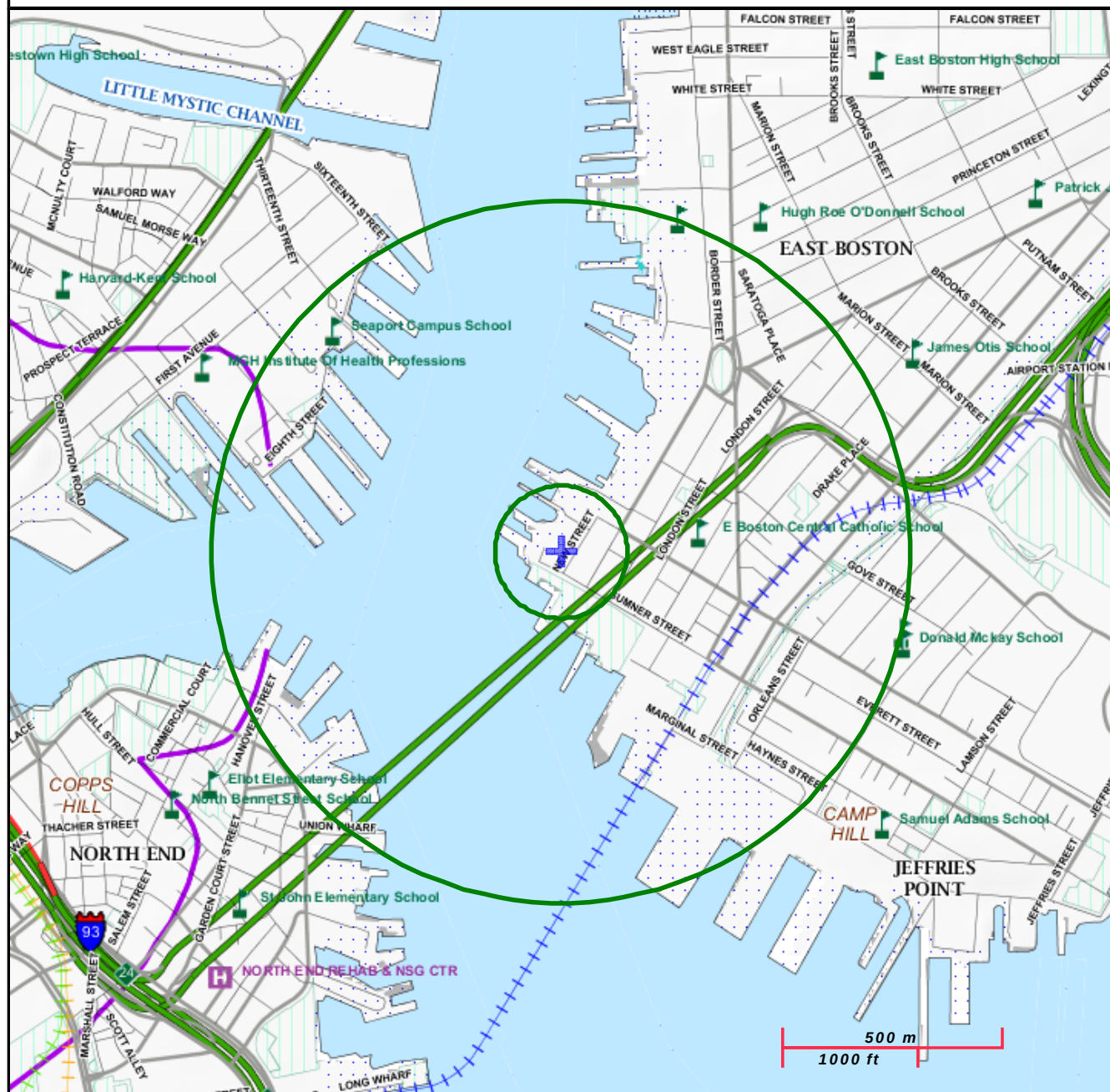
Phase 1 Site Assessment Map: 500 feet & 0.5 Mile Radii

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:
<http://www.mass.gov/mgis/>



MassDEP

Commonwealth of Massachusetts
Department of Environmental Protection



Roads: Limited Access, Divided, Other Hwy, Major Road, Minor Road, Track, Trail

Boundaries: Town, County, DEP Region; Train; Powerline; Pipeline; Aqueduct

Basins: Major, PWS; Streams: Perennial, Intermittent, Man Made Shore, Dam

Aquifers: Medium Yield, High Yield, EPA Sole Source

Non Potential Drinking Water Source Area: Medium, High (Yield)

PWS Protection Areas: Zone II, IWPA, Zone A

Hydrography: Open Water, PWS Reservoir, Tidal Flat

Wetlands: Freshwater, Saltwater, Cranberry Bog

FEMA 100yr Floodplain; Protected Open Space; ACEC

Est. Rare Wetland Wildlife Hab; Vernal Pool: Cert., Potential

Solid Waste Landfill; PWS: Com. GW, SW, Emerg., Non-Com.



United States Department of the Interior



FISH AND WILDLIFE SERVICE

New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5087
<http://www.fws.gov/newengland>

January 7, 2014

To Whom It May Concern:

This project was reviewed for the presence of federally listed or proposed, threatened or endangered species or critical habitat per instructions provided on the U.S. Fish and Wildlife Service's New England Field Office website:

<http://www.fws.gov/newengland/EndangeredSpec-Consultation.htm>

Based on information currently available to us, no federally listed or proposed, threatened or endangered species or critical habitat under the jurisdiction of the U.S. Fish and Wildlife Service are known to occur in the project area(s). Preparation of a Biological Assessment or further consultation with us under section 7 of the Endangered Species Act is not required. No further Endangered Species Act coordination is necessary for a period of one year from the date of this letter, unless additional information on listed or proposed species becomes available.

Thank you for your cooperation. Please contact Maria Tur of this office at 603-223-2541 if we can be of further assistance.

Sincerely yours,

Thomas R. Chapman
Supervisor
New England Field Office

APPENDIX D

National Register of Historic Places and Massachusetts Historical Commission Documentation

Massachusetts Historical Commission

William Francis Galvin, Secretary of the Commonwealth

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[MHC Home](#)

Massachusetts Cultural Resource Information System **MACRIS**

[Scanned forms and photos now available for selected towns!](#)

The Massachusetts Cultural Resource Information System (MACRIS) allows you to search the Massachusetts Historical Commission database for information on historic properties and areas in the Commonwealth.

Users of the database should keep in mind that it does not include information on all historic properties and areas in Massachusetts, nor does it reflect all the information on file on historic properties and areas at the Massachusetts Historical Commission.

[Click here to begin your search of the MACRIS database.](#)



[Home](#) | [Search](#) | [Index](#) | [Feedback](#) | [Contact](#)

Massachusetts Cultural Resource Information System

MACRIS

[MHC Home](#) | [MACRIS Home](#)

[Login](#)

Results

[Get Results in Report Format](#)

☐ PDF ☒ Spreadsheet

Below are the results of your search, using the following search criteria:

Town(s): Boston

Place: East Boston

Street No: 6

Street Name: New St

Resource Type(s): Area, Building, Structure, Object, Burial Ground

For more information about this page and how to use it, [click here](#).

No Results Found.

[New Search](#)

[New Search -- Same Town\(s\)](#)

[Previous](#)

[MHC Home](#) | [MACRIS Home](#)

Massachusetts Cultural Resource Information System

MACRIS

MACRIS Search Results

Search Criteria: Town(s): Boston; Place: East Boston; Resource Type(s): Area, Building, Burial Ground, Object, Structure;

Inv. No.	Property Name	Street	Town	Year
BOS.A	Belmont Square Area		Boston	
BOS.B	1-6 Brigham Street - Ida Street		Boston	
BOS.C	Central Square Area		Boston	
BOS.D	117-194 Cottage Street		Boston	
BOS.E	15-137 Eutaw Street		Boston	
BOS.F	Putnam Square Area		Boston	
BOS.G	36-71 Frankfort Street		Boston	
BOS.H	115-146 Gove Street		Boston	
BOS.I	8-18 Henry Street - 9-28 Paris Street		Boston	
BOS.J	217-223 Lexington Street		Boston	
BOS.K	Logan, Gen. Edward Lawrence International Airport		Boston	
BOS.L	55-85 Lubec Street		Boston	
BOS.M	Maverick Square Area		Boston	
BOS.N	232-323 Meridian Street		Boston	
BOS.O	358-426 Meridian Street		Boston	
BOS.P	1-63 Monmouth Street		Boston	
BOS.Q	2-8 Montmorenci - 228-252 Orient Avenue		Boston	
BOS.R	9-64 Princeton Street		Boston	
BOS.S	55-154 Saint Andrews Road		Boston	
BOS.T	1-104 Trenton Street		Boston	
BOS.U	24-82 White Street		Boston	
BOS.V	Princeton Street Architectural Conservation		Boston	
BOS.W	Our Lady of Mount Carmel Catholic Church Complex		Boston	
bos.x	Most Holy Redeemer Roman Catholic Church Complex		Boston	
BOS.Y	Saint Mary Star of the Sea Roman Catholic		Boston	

Wednesday, November 19, 2014

Page 1 of 18

Inv. No.	Property Name	Street	Town	Year
	Church			
BOS.Z	Sacred Heart Roman Catholic Church Complex		Boston	
BOS.AA	Our Lady of the Assumption Catholic Church Complex		Boston	
BOS.JK	Eagle Hill Historic District		Boston	
BOS.RO	Chelsea River Industrial Area		Boston	
BOS.RP	East Boston Inner Harbor Industrial Area		Boston	
bos.wa	Saints Joseph and Lazarus Roman Catholic Church		Boston	
BOS.ZE	Ohabei Shalom Cemetery		Boston	
BOS.ZH	East Boston Dry Dock Company		Boston	
BOS.ABQ	Suffolk Downs		Boston	
BOS.19	East Boston Steam Sewerage Pumping Station	20 Addison St	Boston	1894
BOS.12871	Maverick Cotton Mills	144 Addison St	Boston	1910
BOS.9505	Our Lady of Fatima Roman Catholic Shrine	Ashley St	Boston	1954
BOS.15272	Toma, Rev. Louis Roman Catholic Youth Center	54 Ashley St	Boston	1957
BOS.15271	Saint Lazarus Roman Catholic Church Rectory	59 Ashley St	Boston	r 1925
BOS.1	Saint Lazarus Roman Catholic Church	61 Ashley St	Boston	1922
bos.1999	Saint Lazarus Roman Catholic Church	61 Ashley St	Boston	1922
BOS.2	Saint Lazarus Roman Catholic Church School	67 Ashley St	Boston	1927
BOS.15273	Saint Lazarus Roman Catholic Church Convent	87 Ashley St	Boston	1938
BOS.3	Evans, Frank House	57 Bayswater St	Boston	1911
BOS.800	Bennington Street Burying Ground	Bennington St	Boston	c 1837
BOS.904	Bennington Street Bridge over Conrail	Bennington St	Boston	1906
BOS.4	Central Square Theatre	36-44 Bennington St	Boston	1915
bos.5	McClellan, William F. Building	336-344 Bennington St	Boston	1903
BOS.6		360 Bennington St	Boston	r 1860
BOS.7	Schleichey, Carl House	664 Bennington St	Boston	1900
BOS.16712	Orient Heights Rapid Transit Passenger Station	1000 Bennington St	Boston	1951
BOS.8	Caledonia, George Building	1006-1010 Bennington St	Boston	1914
BOS.10	Barker, Anna Building	1024 Bennington St	Boston	1902
BOS.12874	Atlantic Boiler Works - Wigglesworth Machinery Co.	60 Border St	Boston	1930
BOS.12875	Atlantic Boiler Works	80 Border St	Boston	c 1901
BOS.9671	Atlantic Works Pier No. 4	102 Border St	Boston	c 1917
BOS.9672	Atlantic Works Derrick Pier	102 Border St	Boston	1937
BOS.9673	Atlantic Works Pier No. 5	102 Border St	Boston	c 1912
BOS.9674	Atlantic Works Marine Railway No. 3	102 Border St	Boston	1890
BOS.9675	Atlantic Works Marine Railway No. 2	102 Border St	Boston	1892

Inv. No.	Property Name	Street	Town	Year
BOS.9676	Atlantic Works Pier No. 6	102 Border St	Boston	1892
BOS.9677	Atlantic Works Gate	102 Border St	Boston	c 1927
BOS.12876		129 Border St	Boston	r 1935
BOS.11	McLaren, Alexander and John Shop and Sawmill	135-139 Border St	Boston	c 1873
BOS.12	Sturtevant Saw and Planing Mill	149-151 Border St	Boston	r 1860
BOS.13	Chase, Samuel York Carpentry Shop	161-163 Border St	Boston	c 1871
BOS.12877		170 Border St	Boston	r 1950
BOS.12878		170 Border St	Boston	r 1950
BOS.12879	Briggs, John and Company Paint Factory	266 Border St	Boston	c 1903
BOS.12880	Welding and Engineering Company of Boston	279 Border St	Boston	c 1920
BOS.12881	West End Street Railway Car House	285 Border St	Boston	c 1890
BOS.12882	Westerbeke Marine Industries Supplies	400 Border St	Boston	c 1935
BOS.12883	Ideal Collision Office	404 Border St	Boston	c 1930
BOS.12884	Ideal Collision Office Outbuilding	404 Border St	Boston	c 1935
BOS.9462	Luna, Tugboat	Boston Harbor	Boston	1930
BOS.9430	Bremen Street Wall	Bremen St	Boston	r 1935
BOS.13010	Boston and Albany Railroad Engine House	215 Bremen St	Boston	1910
BOS.14		1 Bringham St	Boston	r 1845
BOS.15		2 Bringham St	Boston	r 1845
BOS.16		4 Bringham St	Boston	r 1845
BOS.17		6 Bringham St	Boston	r 1845
BOS.121	Sacred Heart Roman Catholic Church	35 Brooks St	Boston	1965
BOS.14001		166-170 Brooks St	Boston	r 1860
BOS.14002	Hargrave Duplex	169-171 Brooks St	Boston	r 1860
BOS.14003		173-179 Brooks St	Boston	r 1935
BOS.14004		174-178 Brooks St	Boston	r 1860
BOS.14005		188 Brooks St	Boston	r 1890
BOS.14006		190 Brooks St	Boston	r 1890
BOS.14007		192-200 Brooks St	Boston	r 1860
BOS.14008		193-195 Brooks St	Boston	r 1860
BOS.18	Twenty Associates Building	35 Central Sq	Boston	c 1899
BOS.9752	Chelsea Street Bridge over Chelsea River	Chelsea St	Boston	1936
BOS.9463	Street Clock	9 Chelsea St	Boston	
BOS.12872	Citizens Electric Light Company	84-92 Condor St	Boston	c 1886
BOS.20	Boston and Lockport Block Company	100 Condor St	Boston	1907
BOS.21	Boston and Lockport Block Company	110-130 Condor St	Boston	c 1920
BOS.22	McKay, Donald School	122 Cottage St	Boston	1926
BOS.23	Eagle Street Power Station	338 Eagle St	Boston	1894

Inv. No.	Property Name	Street	Town	Year
BOS.12873	Boston Ice Company Distribution Building	370 East Eagle St	Boston	c 1927
BOS.14009		19-21 Eutaw St	Boston	r 1860
BOS.14010		23-25 Eutaw St	Boston	r 1905
BOS.14011		24-26 Eutaw St	Boston	r 1860
BOS.14012		27-29 Eutaw St	Boston	c 1851
BOS.14013		28 Eutaw St	Boston	r 1860
BOS.14014		30-34 Eutaw St	Boston	c 1851
BOS.14015		31-33 Eutaw St	Boston	c 1851
BOS.14016		35-37 Eutaw St	Boston	r 1880
BOS.14017		36-38 Eutaw St	Boston	r 1915
BOS.14018		40-42 Eutaw St	Boston	c 1851
BOS.14019		44 Eutaw St	Boston	r 1860
BOS.14020		46 Eutaw St	Boston	r 1880
BOS.14021		48 Eutaw St	Boston	r 1880
BOS.14022		49 Eutaw St	Boston	r 1860
BOS.14023		50 Eutaw St	Boston	r 1900
BOS.14024		51 Eutaw St	Boston	r 1860
BOS.14025		52-56 Eutaw St	Boston	c 1851
BOS.14026		58-60 Eutaw St	Boston	c 1851
BOS.14027	Chapman School	61 Eutaw St	Boston	1900
BOS.14028		62 Eutaw St	Boston	r 1890
BOS.14029		64 Eutaw St	Boston	r 1860
BOS.14030		66 Eutaw St	Boston	c 1851
BOS.14031		68 Eutaw St	Boston	c 1851
BOS.14032		70 Eutaw St	Boston	r 1880
BOS.14033		71 Eutaw St	Boston	r 1880
BOS.14034		72-74 Eutaw St	Boston	r 1880
BOS.14035		73 Eutaw St	Boston	1877
BOS.14036	Burnham House	75 Eutaw St	Boston	1877
BOS.14037		76 Eutaw St	Boston	r 1880
BOS.14038	Jack House	77 Eutaw St	Boston	1869
BOS.14039		79 Eutaw St	Boston	r 1880
BOS.14040		80 Eutaw St	Boston	r 1860
BOS.14041		81-83 Eutaw St	Boston	r 1860
BOS.14042		82 Eutaw St	Boston	r 1860
BOS.14043		84-86 Eutaw St	Boston	r 1860
BOS.14044		85-87 Eutaw St	Boston	r 1860
BOS.14045		88 Eutaw St	Boston	r 1860

Inv. No.	Property Name	Street	Town	Year
BOS.14046		90 Eutaw St	Boston	r 1900
BOS.14047		92 Eutaw St	Boston	r 1860
BOS.14048		96 Eutaw St	Boston	r 1860
BOS.14049		104-106 Eutaw St	Boston	r 1860
BOS.14050		105-107 Eutaw St	Boston	r 1880
BOS.14051		108 Eutaw St	Boston	r 1860
BOS.14052		109 Eutaw St	Boston	r 1880
BOS.14053		110 Eutaw St	Boston	r 1860
BOS.14054		111-113 Eutaw St	Boston	r 1860
BOS.14055		112 Eutaw St	Boston	r 1900
BOS.14056		115 Eutaw St	Boston	r 1860
BOS.14057		116 Eutaw St	Boston	r 1860
BOS.14058		117 Eutaw St	Boston	r 1860
BOS.14059		118 Eutaw St	Boston	r 1860
BOS.14060		119-127 Eutaw St	Boston	r 1860
BOS.14061		120 Eutaw St	Boston	r 1880
BOS.14062		122 Eutaw St	Boston	r 1860
BOS.14063		129-137 Eutaw St	Boston	r 1860
BOS.14064		139 Eutaw St	Boston	r 1860
BOS.14065		141 Eutaw St	Boston	c 1851
BOS.14066		143 Eutaw St	Boston	c 1851
BOS.14067		145 Eutaw St	Boston	c 1851
BOS.14068		145R Eutaw St	Boston	r 1925
BOS.27	Our Lady of Mount Carmel Roman Catholic Convent	49 Frankfort St	Boston	c 1949
BOS.24		71 Frankfort St	Boston	1910
BOS.15269	Our Lady of Mount Carmel Roman Catholic School	48 Frankfurt St	Boston	1931
BOS.25	Lyman School	10 Gove St	Boston	c 1869
BOS.26	Our Lady of Mount Carmel Roman Catholic Church	120 Gove St	Boston	1907
BOS.15268	Our Lady of Mount Carmel Roman Catholic Rectory	134 Gove St	Boston	1955
BOS.28	Corsano, James Apartment Block	142 Gove St	Boston	1914
BOS.29	Corsano, James Apartment Block	146 Gove St	Boston	1911
BOS.76	Sisters of Notre Dame Roman Catholic Convent	56 Havre St	Boston	c 1847
BOS.30		8-18 Henry St	Boston	r 1845
BOS.34		59 Horace St	Boston	r 1860
BOS.35	Simmons, Charles Double House	1-2 Lamson St	Boston	r 1845

Inv. No.	Property Name	Street	Town	Year
BOS.36		4 Lamson St	Boston	c 1895
BOS.37		5 Lamson St	Boston	c 1895
BOS.38	Carr, William House	38 Lexington St	Boston	c 1846
BOS.51	Lapham, Mary B. House	69 Lexington St	Boston	r 1860
BOS.14069		70-74 Lexington St	Boston	c 1851
BOS.14070		78 Lexington St	Boston	r 1890
BOS.39	Saint John's Episcopal Church	80-84 Lexington St	Boston	1897
BOS.52	Bennett, George W. House	93 Lexington St	Boston	c 1880
BOS.40		100 Lexington St	Boston	c 1851
BOS.41		104 Lexington St	Boston	c 1851
BOS.42		108 Lexington St	Boston	c 1851
BOS.43	Bailey, Paul House	110 Lexington St	Boston	c 1851
BOS.44	Farwell, George W. House	114 Lexington St	Boston	c 1851
BOS.45	Robertson, John Q. House	116 Lexington St	Boston	c 1851
BOS.46	Odiorne, Benjamin House	118 Lexington St	Boston	c 1851
BOS.47	Hargrave, George House	124 Lexington St	Boston	1872
BOS.48	Kelly, Daniel D. House	170 Lexington St	Boston	c 1856
BOS.53	Ginsburg, Louis A. Three Decker	205-207 Lexington St	Boston	1901
BOS.54	Ginsburg, Louis A. Three Decker	209-211 Lexington St	Boston	1901
BOS.55	Ginsburg, Louis A. Three Decker	213 Lexington St	Boston	1901
BOS.56	Burnham, Lewis Three Decker	217 Lexington St	Boston	c 1890
BOS.49	Hayes, M. House	218 Lexington St	Boston	c 1884
BOS.57	Burnham, Lewis Three Decker	219 Lexington St	Boston	c 1890
BOS.50	Knowles, Paul House	220 Lexington St	Boston	c 1884
BOS.58	Burnham, Lewis Three Decker	221 Lexington St	Boston	c 1890
BOS.12885	American Architectural Iron Company	80 Liverpool St	Boston	c 1950
BOS.59	Logan International Airport Control Tower	Logan Airport	Boston	1977
BOS.60	Logan International Airport Eastern Terminal	Logan Airport	Boston	1969
BOS.61	Logan International Airport Administration Bldg.	Logan Airport	Boston	1927
BOS.62	Logan International Airport Chapel	Logan Airport	Boston	1955
BOS.63	Logan International Airport Volpe Terminal	Logan Airport	Boston	1973
BOS.77	Most Holy Redeemer Roman Catholic Church Rectory	65 London St	Boston	r 1885
BOS.75	Most Holy Redeemer Roman Catholic School	69 London St	Boston	1892
BOS.911	Callahan Tunnel East Boston Vent Building	89 London St	Boston	1959
BOS.64	First Presbyterian Church of East Boston	130 London St	Boston	1871
BOS.65	Webster, Daniel School	Lubec St	Boston	1922
BOS.66	Lambiase, Joseph Building	58 Lubec St	Boston	1914

Inv. No.	Property Name	Street	Town	Year
BOS.67	Carbone, Anthony Building	64 Lubec St	Boston	1911
BOS.68	Immigrants Home Corporation Building	72-74 Marginal St	Boston	1911
BOS.69	Cooper, James W. House	132 Marginal St	Boston	c 1870
BOS.14071		1 Marion Pl	Boston	c 1851
BOS.14072		2 Marion Pl	Boston	r 1860
BOS.14073		3 Marion Pl	Boston	r 1890
BOS.14074		4 Marion Pl	Boston	r 1880
BOS.14075		5-6 Marion Pl	Boston	c 1851
BOS.14076		7 Marion Pl	Boston	r 1860
BOS.14077		8 Marion Pl	Boston	r 1880
BOS.14078		1-3 Marion St	Boston	c 1851
BOS.14079		5 Marion St	Boston	r 1860
BOS.14080		9 Marion St	Boston	r 1860
BOS.14081		10-14 Marion St	Boston	r 1860
BOS.14082		11-13 Marion St	Boston	r 1900
BOS.14083		15 Marion St	Boston	r 1860
BOS.14084		16 Marion St	Boston	r 1890
BOS.14085		17 Marion St	Boston	r 1860
BOS.14086		18 Marion St	Boston	r 1890
BOS.14087		19-21 Marion St	Boston	r 1860
BOS.14088		20 Marion St	Boston	r 1890
BOS.14089		22 Marion St	Boston	r 1890
BOS.14090		24 Marion St	Boston	c 1884
BOS.14091		26 Marion St	Boston	r 1860
BOS.14092		37-43 Marion St	Boston	r 1860
BOS.14093		40-52 Marion St	Boston	r 1860
BOS.14094		52A Marion St	Boston	r 1890
BOS.14095		54-58 Marion St	Boston	r 1860
BOS.14096		59-61 Marion St	Boston	r 1880
BOS.14097		60 Marion St	Boston	r 1940
BOS.14098		63-71 Marion St	Boston	r 1860
BOS.14099	Fire Engine #5 Fire Station	64-66 Marion St	Boston	1919
BOS.14100		75-79 Marion St	Boston	c 1851
BOS.14101		80-82 Marion St	Boston	r 1860
BOS.70	Unitarian Church of Our Father	83 Marion St	Boston	1902
BOS.71	East Boston High School, Old	127 Marion St	Boston	1901
BOS.72	Keating, M. Block	147 Marion St	Boston	1884
BOS.900	Maverick Square Subway Station	Maverick Sq	Boston	1924

Inv. No.	Property Name	Street	Town	Year
BOS.901	East Boston Tunnel - Third Rail Tunnel	Maverick Sq	Boston	1904
BOS.73	Winthrop Block	32-44 Maverick Sq	Boston	c 1873
BOS.74	Most Holy Redeemer Roman Catholic Church	70 Maverick St	Boston	1854
BOS.78	New England Aircraft School	395-399 Maverick St	Boston	1940
BOS.9754	Suffolk Downs Racetrack	525 McClellan Hwy	Boston	1935
BOS.9755	Suffolk Downs Harness Racing Track	525 McClellan Hwy	Boston	1962
BOS.16592	Suffolk Downs Grandstand	525 McClellan Hwy	Boston	1935
BOS.16593	Suffolk Downs Administration Building	525 McClellan Hwy	Boston	1935
BOS.907	McArdle Bridge	Meridian St	Boston	1954
BOS.79	First Ward National Bank	2-8 Meridian St	Boston	1913
BOS.80	East Boston Savings Bank	10-16 Meridian St	Boston	1913
BOS.81	Columbia Trust Company Building	18-20 Meridian St	Boston	1895
BOS.96	East Boston Police Station and Court House	35-39 Meridian St	Boston	1912
BOS.82	Stevenson Block	232-236 Meridian St	Boston	1883
BOS.83		235-239 Meridian St	Boston	c 1885
BOS.84		255-265 Meridian St	Boston	r 1870
BOS.85		269 Meridian St	Boston	1870
BOS.88	Boston Public Library - East Boston Branch	276-282 Meridian St	Boston	1913
BOS.86		287-297 Meridian St	Boston	r 1870
BOS.97	Bailey, George J. House	299-303 Meridian St	Boston	1898
BOS.87		305 Meridian St	Boston	r 1840
BOS.90		334-342 Meridian St	Boston	1892
BOS.14102	East Boston Masonic Hall	344-352 Meridian St	Boston	r 1890
BOS.14103		349-353 Meridian St	Boston	c 1884
BOS.14104		357-363 Meridian St	Boston	c 1851
BOS.14105		358 Meridian St	Boston	c 1884
BOS.91	Jeffries Winter Club	360 Meridian St	Boston	1888
BOS.14106		362 Meridian St	Boston	r 1900
BOS.14107		364 Meridian St	Boston	r 1900
BOS.14108		365 Meridian St	Boston	r 1900
BOS.14109		366 Meridian St	Boston	r 1890
BOS.14110		368 Meridian St	Boston	r 1890
BOS.14111		369-371 Meridian St	Boston	c 1851
BOS.95	Graham, B. J. Double House	370-372 Meridian St	Boston	1894
BOS.14112		379-385 Meridian St	Boston	c 1851
BOS.14113		387 Meridian St	Boston	r 1860
BOS.14114		388 Meridian St	Boston	c 1892
BOS.14115		389 Meridian St	Boston	r 1900

Inv. No.	Property Name	Street	Town	Year
BOS.14116		390 Meridian St	Boston	r 1860
BOS.14117		391 Meridian St	Boston	r 1900
BOS.14118		393-395 Meridian St	Boston	c 1851
BOS.14119		394 Meridian St	Boston	r 1860
BOS.92		396-398 Meridian St	Boston	r 1845
BOS.14120		401 Meridian St	Boston	r 1860
BOS.14121	Curtis, Paul House	402 Meridian St	Boston	r 1860
BOS.14122		403 Meridian St	Boston	r 1860
BOS.14123		404 Meridian St	Boston	r 1905
BOS.14124		405-407 Meridian St	Boston	c 1851
BOS.89	Trinity Neighborhood House	406 Meridian St	Boston	c 1848
BOS.93	McLean, Charles R. House	408 Meridian St	Boston	1878
BOS.14125		414-416 Meridian St	Boston	r 1880
BOS.94	Sturtevant, William House	417 Meridian St	Boston	1886
BOS.14126		418 Meridian St	Boston	r 1890
BOS.14127		419 Meridian St	Boston	r 1890
BOS.14128	Walsh, James L. House	421 Meridian St	Boston	r 1890
BOS.14129	Crane Music School	422 Meridian St	Boston	1885
BOS.14130		423 Meridian St	Boston	c 1884
BOS.14131		424 Meridian St	Boston	c 1884
BOS.14132		425 Meridian St	Boston	c 1884
BOS.14133		426 Meridian St	Boston	r 1880
BOS.14134		428 Meridian St	Boston	r 1900
BOS.14135		430 Meridian St	Boston	r 1890
BOS.14136		432 Meridian St	Boston	c 1888
BOS.9460	Monmouth Square	Monmouth Sq	Boston	r 1865
BOS.98	Bates House	1 Monmouth Sq	Boston	r 1870
BOS.14137		1 Monmouth St	Boston	r 1900
BOS.14138		3-5 Monmouth St	Boston	r 1860
BOS.14139		7 Monmouth St	Boston	c 1851
BOS.99		8-10 Monmouth St	Boston	r 1850
BOS.14140		9 Monmouth St	Boston	r 1880
BOS.14141		11 Monmouth St	Boston	r 1900
BOS.100		12-14 Monmouth St	Boston	r 1850
BOS.14142		13-15 Monmouth St	Boston	c 1888
BOS.101	Cochran, William B. Grocery Store	19 Monmouth St	Boston	r 1880
BOS.14143		21-23 Monmouth St	Boston	c 1892
BOS.14144		22 Monmouth St	Boston	r 1860

Inv. No.	Property Name	Street	Town	Year
BOS.14145		25 Monmouth St	Boston	c 1851
BOS.14146		26-28 Monmouth St	Boston	r 1880
BOS.14147		27 Monmouth St	Boston	c 1851
BOS.14148		29 Monmouth St	Boston	r 1860
BOS.14149		30 Monmouth St	Boston	r 1900
BOS.14150		31 Monmouth St	Boston	r 1860
BOS.14151		32 Monmouth St	Boston	r 1860
BOS.14152		33 Monmouth St	Boston	c 1851
BOS.14153		34 Monmouth St	Boston	r 1860
BOS.14154		36 Monmouth St	Boston	r 1860
BOS.14155		37 Monmouth St	Boston	r 1860
BOS.14156		38-40 Monmouth St	Boston	r 1860
BOS.14157		38R Monmouth St	Boston	r 1890
BOS.14158		39-41 Monmouth St	Boston	r 1880
BOS.14159		42-48 Monmouth St	Boston	r 1860
BOS.14160		43 Monmouth St	Boston	r 1860
BOS.14161		45 Monmouth St	Boston	r 1880
BOS.14162		47 Monmouth St	Boston	r 1880
BOS.14163		49 Monmouth St	Boston	r 1860
BOS.14164		50 Monmouth St	Boston	r 1890
BOS.14165	McPherson House	51 Monmouth St	Boston	1873
BOS.14166		52 Monmouth St	Boston	r 1890
BOS.14167	Hall House	53 Monmouth St	Boston	1877
BOS.14168	Day House	55 Monmouth St	Boston	1872
BOS.14169		57 Monmouth St	Boston	r 1860
BOS.14170		59 Monmouth St	Boston	c 1888
BOS.14171	Foster House	61 Monmouth St	Boston	1869
BOS.14172	Leighton House	63 Monmouth St	Boston	r 1890
BOS.15275	Saint Mary Star of the Sea Roman Catholic School	0 Moore St	Boston	1887
BOS.102	Cheverus, John L. School	10 Moore St	Boston	1908
BOS.103	Saint Mary Star of the Sea Roman Catholic Church	55 Moore St	Boston	1909
BOS.15276	Saint Mary Star of the Sea Roman Catholic Convent	58 Moore St	Boston	1960
BOS.15274	Saint Mary Star of the Sea Roman Catholic Rectory	63 Moore St	Boston	1893
BOS.104	Potito, Leonora House	14 Nancia St	Boston	1938
BOS.105	Barkin, Samuel House	18 Neptune Rd	Boston	1910

Inv. No.	Property Name	Street	Town	Year
BOS.106	Goldfinger, Joseph House	44 Neptune Rd	Boston	1912
BOS.9678	New Street Sea Wall	6-26 New St	Boston	c 1840
BOS.107	Boston Cold Storage Company - Building #8	10-16 New St	Boston	1908
BOS.15886	Atlantic Works Welding and Engineering Building	36 New St	Boston	c 1927
BOS.108	Atlantic Boiler Works Boiler Shop	40 New St	Boston	1893
BOS.109		54-56 Orient Ave	Boston	r 1915
BOS.112		75-79 Orient Ave	Boston	r 1915
BOS.113	Don Orione Nursing Home	111 Orient Ave	Boston	1952
BOS.114	Madonna Queen Shrine Chapel	111 Orient Ave	Boston	1956
BOS.902	Madonna, Queen of the Universe Statue	111 Orient Ave	Boston	1954
BOS.110		120 Orient Ave	Boston	c 1880
BOS.111		150 Orient Ave	Boston	c 1880
BOS.115	Cox Confectionery Company Building	150 Orleans St	Boston	1917
BOS.116	Engel-Cone Shoe Company Building	183 Orleans St	Boston	1911
BOS.31		18-20 Paris St	Boston	r 1845
BOS.32		22-24 Paris St	Boston	r 1845
BOS.33	Our Savior American Lutheran Church	28 Paris St	Boston	1917
BOS.117	Engine #9 - Ladder Company #2 Fire House	60 Paris St	Boston	1890
BOS.119	White, George Fund East Boston Health Unit	75 Paris St	Boston	1925
BOS.118	Paris Street Gymnasium and Public Bath	112-130 Paris St	Boston	1909
BOS.120	Sacred Heart Roman Catholic Church Convent	301 Paris St	Boston	1911
BOS.15270	Sacred Heart Roman Catholic Church Garage	304 Paris St	Boston	c 1920
BOS.908	Porter Street Bridge over Conrail	Porter St	Boston	1908
BOS.122	East Boston Relief Station	14 Porter St	Boston	1907
BOS.123	General Electric East Boston Lamp Works	156-200 Porter St	Boston	1913
BOS.14173	Sheridan Elementary School	1 Prescott St	Boston	1914
BOS.133	Gurney, James - Dyer, Edwin Double House	21-23 Princeton St	Boston	1863
BOS.134	Whidden, Steven H. Building	39 Princeton St	Boston	1864
BOS.233	Stevenson, J. Henry Building	41 Princeton St	Boston	c 1875
BOS.124	Peterson, Seth C. House	44 Princeton St	Boston	1852
BOS.125	James, Frederick House	46 Princeton St	Boston	1853
BOS.126	Tewksbury, Abijah R. - Pingry, Samuel Double House	50-54 Princeton St	Boston	c 1841
BOS.127	Snelling, Washington House	80 Princeton St	Boston	c 1857
BOS.128	Hargrave, George W. House	144 Princeton St	Boston	c 1886
BOS.129	Sampson, Catherine Double House	174-176 Princeton St	Boston	c 1870
BOS.130	Bates, Benjamin Double House	178-180 Princeton St	Boston	c 1870
BOS.135	McLaren, Alexander and John Building	263 Princeton St	Boston	1875

Inv. No.	Property Name	Street	Town	Year
BOS.136	McLaren, Alexander and John Building	265 Princeton St	Boston	1875
BOS.131	Pinkham - Perry - Sanderson House	296-300 Princeton St	Boston	c 1860
BOS.132	Noble School and Annex	321 Princeton St	Boston	1874
BOS.9461	Putnam Square	Putnam Sq	Boston	r 1865
BOS.14174		47-53 Putnam St	Boston	r 1880
BOS.14175		61-63 Putnam St	Boston	r 1880
BOS.14176		65-67 Putnam St	Boston	r 1880
BOS.14177		69 Putnam St	Boston	r 1880
BOS.14178		71 Putnam St	Boston	r 1860
BOS.14179		73 Putnam St	Boston	r 1860
BOS.14180		75 Putnam St	Boston	r 1860
BOS.14181	McLaren - McKay House	86-88 Putnam St	Boston	1872
BOS.903	Golden Stairs	Ruth St	Boston	
BOS.147	Goldfinger, Joseph House	55 Saint Andrew Rd	Boston	c 1911
BOS.148	Goldfinger, Joseph House	57 Saint Andrew Rd	Boston	c 1911
BOS.149	Goldfinger, Joseph House	59 Saint Andrew Rd	Boston	c 1911
BOS.150	Goldfinger, Joseph House	61 Saint Andrew Rd	Boston	c 1911
BOS.151	Goldfinger, Joseph House	63 Saint Andrew Rd	Boston	c 1911
BOS.143	Goldfinger, Joseph House	66 Saint Andrew Rd	Boston	c 1911
BOS.144	Goldfinger, Joseph House	68 Saint Andrew Rd	Boston	c 1911
BOS.145	Goldfinger, Joseph House	70 Saint Andrew Rd	Boston	c 1911
BOS.146	Goldfinger, Joseph House	72 Saint Andrew Rd	Boston	c 1911
BOS.137	Belluschi, Michael C. House	140 Saint Andrew Rd	Boston	1931
BOS.138		142 Saint Andrew Rd	Boston	1925
BOS.139		144 Saint Andrew Rd	Boston	1925
BOS.140		146 Saint Andrew Rd	Boston	1925
BOS.141		148 Saint Andrew Rd	Boston	1925
BOS.142		150 Saint Andrew Rd	Boston	1925
BOS.905	Saratoga Street Bridge over MBTA Blue Line	Saratoga St	Boston	1913
BOS.910	Saratoga Street Bridge over Belle Island Inlet	Saratoga St	Boston	1956
BOS.158	Wurl, Adelia Three Decker	41-43 Saratoga St	Boston	1909
BOS.159		113 Saratoga St	Boston	c 1865
BOS.160	Warren, Joseph H. Row House	115 Saratoga St	Boston	c 1865
BOS.161	Gould, Oscar A. Row House	117 Saratoga St	Boston	c 1865
BOS.162	Emery, Erastus O. Row House	119 Saratoga St	Boston	c 1865
BOS.163		121 Saratoga St	Boston	c 1865
BOS.164	Davis, John Row House	123 Saratoga St	Boston	c 1865
BOS.165		125 Saratoga St	Boston	c 1865

Inv. No.	Property Name	Street	Town	Year
BOS.166	Studley, George W. Row House	127 Saratoga St	Boston	c 1865
BOS.167		129 Saratoga St	Boston	c 1865
BOS.168		131 Saratoga St	Boston	c 1865
BOS.169		133 Saratoga St	Boston	c 1865
BOS.170		135 Saratoga St	Boston	c 1865
BOS.171		137 Saratoga St	Boston	c 1865
BOS.172		139 Saratoga St	Boston	c 1865
BOS.173		141 Saratoga St	Boston	c 1865
BOS.174		143 Saratoga St	Boston	c 1865
BOS.175		145 Saratoga St	Boston	c 1865
BOS.176		147 Saratoga St	Boston	c 1865
BOS.152	Saint John the Baptist Roman Catholic Church	336 Saratoga St	Boston	1913
BOS.153	East Boston Chemical Company #7 Fire House	354-360 Saratoga St	Boston	1901
BOS.154	Mahoney, Richard House	470-472 Saratoga St	Boston	r 1860
BOS.155	Lishner, Samuel Building	474-476 Saratoga St	Boston	1912
BOS.15277	Saint Mary Star of The Sea Church Hall	737 Saratoga St	Boston	r 1875
BOS.156	Baker Congregational Church	760 Saratoga St	Boston	1903
BOS.157	Vesce, Frank Building	974-978 Saratoga St	Boston	1922
BOS.177		1049 Saratoga St	Boston	1908
BOS.178		1051 Saratoga St	Boston	1908
BOS.179		1053 Saratoga St	Boston	1908
BOS.180		1055 Saratoga St	Boston	1908
BOS.181		1057 Saratoga St	Boston	1908
BOS.182		1059 Saratoga St	Boston	1908
BOS.183		1061 Saratoga St	Boston	1908
BOS.184		3-5 Seaver St	Boston	c 1880
BOS.185		11-15 Seaver St	Boston	1890
BOS.186	Our Lady of Assumption Catholic Parochial School	15 Seaview St	Boston	c 1882
BOS.906		Sumner St	Boston	1908
BOS.187		111 Sumner St	Boston	1902
BOS.188		111 Sumner St	Boston	c 1902
BOS.192		191-201 Sumner St	Boston	1841
BOS.189		260 Sumner St	Boston	1923
BOS.190		326-328 Sumner St	Boston	1929
BOS.191		394 Sumner St	Boston	c 1869
BOS.15267		404 Sumner St	Boston	c 1947

Inv. No.	Property Name	Street	Town	Year
BOS.194		3 Thurston St	Boston	1912
BOS.195		5 Thurston St	Boston	1912
BOS.196	Gurney, Cora F. House	7 Thurston St	Boston	1912
BOS.193	Mahoney, E. House	22 Thurston St	Boston	1909
BOS.197		28-30 Trenton St	Boston	r 1880
BOS.198		32 Trenton St	Boston	r 1850
BOS.14182	O'Donnell School	33 Trenton St	Boston	1931
BOS.199		34 Trenton St	Boston	r 1850
BOS.200		36 Trenton St	Boston	r 1850
BOS.201		38 Trenton St	Boston	r 1850
BOS.14183		45 Trenton St	Boston	r 1890
BOS.14184		56 Trenton St	Boston	r 1860
BOS.208	Waters, William House	57 Trenton St	Boston	c 1869
BOS.14185		58-60 Trenton St	Boston	r 1860
BOS.14186		61 Trenton St	Boston	r 1860
BOS.14187		62 Trenton St	Boston	r 1860
BOS.14188		64-66 Trenton St	Boston	c 1851
BOS.202	Trinity Baptist Church	65 Trenton St	Boston	r 1870
BOS.14189		68-70 Trenton St	Boston	c 1851
BOS.14190		71-73 Trenton St	Boston	r 1920
BOS.14191		72 Trenton St	Boston	r 1860
BOS.14192		74 Trenton St	Boston	r 1860
BOS.14193		75 Trenton St	Boston	r 1860
BOS.14194		76-78 Trenton St	Boston	c 1851
BOS.14195		77 Trenton St	Boston	r 1890
BOS.14196		80-82 Trenton St	Boston	c 1851
BOS.14197		81 Trenton St	Boston	r 1890
BOS.14198		85 Trenton St	Boston	r 1890
BOS.14199		86-88 Trenton St	Boston	c 1851
BOS.14200		87 Trenton St	Boston	r 1860
BOS.14201		89 Trenton St	Boston	r 1880
BOS.14202		90 Trenton St	Boston	r 1860
BOS.14203		91 Trenton St	Boston	r 1880
BOS.14204		92 Trenton St	Boston	r 1860
BOS.14205		93 Trenton St	Boston	r 1880
BOS.14206		94 Trenton St	Boston	r 1900
BOS.14207		95 Trenton St	Boston	r 1880
BOS.14208		96 Trenton St	Boston	r 1880

Inv. No.	Property Name	Street	Town	Year
BOS.14209		97 Trenton St	Boston	r 1860
BOS.203		98 Trenton St	Boston	r 1850
BOS.14210		99 Trenton St	Boston	r 1860
BOS.204		100 Trenton St	Boston	r 1850
BOS.14211		101-103 Trenton St	Boston	r 1860
BOS.205		102 Trenton St	Boston	r 1850
BOS.14212		104-106 Trenton St	Boston	r 1925
BOS.14213	Hargrave House	108-112 Trenton St	Boston	1872
BOS.14214	Hargrave Row House	114-128 Trenton St	Boston	1872
BOS.14215		117 Trenton St	Boston	r 1900
BOS.14216		119 Trenton St	Boston	r 1900
BOS.14217		121 Trenton St	Boston	r 1900
BOS.14218		123-125 Trenton St	Boston	c 1851
BOS.14219		129-131 Trenton St	Boston	r 1860
BOS.14220		130-138 Trenton St	Boston	r 1860
BOS.14221		139 Trenton St	Boston	r 1890
BOS.14222		140 Trenton St	Boston	r 1860
BOS.14223		141 Trenton St	Boston	r 1860
BOS.14224		142 Trenton St	Boston	r 1860
BOS.14225		143 Trenton St	Boston	r 1860
BOS.14226		144 Trenton St	Boston	r 1860
BOS.14227		145 Trenton St	Boston	r 1900
BOS.14228		146 Trenton St	Boston	r 1860
BOS.14229		147 Trenton St	Boston	r 1900
BOS.14230		148 Trenton St	Boston	r 1860
BOS.14231		149 Trenton St	Boston	c 1851
BOS.14232		150 Trenton St	Boston	r 1860
BOS.14233		151 Trenton St	Boston	r 1900
BOS.14234		152 Trenton St	Boston	r 1860
BOS.14235		153 Trenton St	Boston	r 1900
BOS.14236		154 Trenton St	Boston	r 1890
BOS.14237		155 Trenton St	Boston	c 1884
BOS.14238		156 Trenton St	Boston	r 1890
BOS.14239		157 Trenton St	Boston	r 1890
BOS.14240	McLaren - McKay House	159-161 Trenton St	Boston	1872
BOS.14241		163 Trenton St	Boston	r 1880
BOS.14242		165 Trenton St	Boston	r 1880
BOS.14243		167 Trenton St	Boston	r 1860

Inv. No.	Property Name	Street	Town	Year
BOS.14244		169 Trenton St	Boston	r 1900
BOS.14245		171 Trenton St	Boston	r 1880
BOS.14246		173 Trenton St	Boston	r 1880
BOS.14247		175 Trenton St	Boston	r 1890
BOS.14248		179 Trenton St	Boston	r 1890
BOS.14249		189 Trenton St	Boston	r 1860
BOS.14250		191 Trenton St	Boston	r 1900
BOS.14251		193 Trenton St	Boston	r 1880
BOS.14252		195-197 Trenton St	Boston	r 1880
BOS.206	Gurney, Cora F. House	196 Trenton St	Boston	1895
BOS.207		198 Trenton St	Boston	c 1895
BOS.14253		199 Trenton St	Boston	r 1880
BOS.14254		207-215 Trenton St	Boston	r 1880
BOS.209	Suffolk Downs Clubhouse	101-249 Waldemar Ave	Boston	1935
BOS.213	Murphy, William M. House	103 Webster St	Boston	c 1890
BOS.214	Foss, Abraham S. - Thompson, John Double House	135-137 Webster St	Boston	c 1846
BOS.215	Adams, Samuel Elementary School	165 Webster St	Boston	1910
BOS.216		177 Webster St	Boston	r 1840
BOS.217	Sawyer, Asa Row House	179 Webster St	Boston	r 1840
BOS.218	Allen, Samuel Row House	181 Webster St	Boston	r 1840
BOS.219	Abbott, E. A. Row House	183 Webster St	Boston	r 1840
BOS.220	Bowker, Albert Row House	185 Webster St	Boston	r 1840
BOS.221	Lothrop, Loring Row House	187 Webster St	Boston	r 1840
BOS.222	Bartlett, Ezra Row House	189 Webster St	Boston	r 1840
BOS.223		191 Webster St	Boston	r 1840
BOS.224		193 Webster St	Boston	r 1840
BOS.210	Hennessey, Richard - Martin, Elbridge Double House	210-212 Webster St	Boston	r 1840
BOS.211	Cassady, Thomas - Brigham, Edward Double House	216-218 Webster St	Boston	r 1840
BOS.212	McField, John A. - Dayley, James Double House	224 Webster St	Boston	r 1840
BOS.225		40 West Eagle St	Boston	c 1892
BOS.14255		17 White St	Boston	r 1880
BOS.14256		19-27 White St	Boston	r 1860
BOS.14257		24 White St	Boston	r 1880
BOS.14258		26 White St	Boston	r 1880
BOS.14259		28 White St	Boston	r 1860
BOS.14260		29-35 White St	Boston	r 1860

Inv. No.	Property Name	Street	Town	Year
BOS.14261		32-34 White St	Boston	r 1860
BOS.14262		36-38 White St	Boston	r 1860
BOS.14263		37 White St	Boston	r 1860
BOS.14264		39 White St	Boston	r 1860
BOS.14265		41 White St	Boston	r 1860
BOS.14266		42 White St	Boston	r 1860
BOS.14267		43 White St	Boston	r 1880
BOS.14268		44 White St	Boston	r 1860
BOS.14269		46-48 White St	Boston	c 1888
BOS.14270		52 White St	Boston	r 1890
BOS.14271		53-55 White St	Boston	r 1880
BOS.14272		57 White St	Boston	r 1860
BOS.226		58-60 White St	Boston	r 1850
BOS.14273		59 White St	Boston	r 1860
BOS.14274		61 White St	Boston	r 1860
BOS.14275		63 White St	Boston	r 1860
BOS.14276		68 White St	Boston	r 1890
BOS.228	All Soul's Universalist Church	70 White St	Boston	1890
BOS.14277		75 White St	Boston	r 1860
BOS.14278		76 White St	Boston	r 1860
BOS.14279		77 White St	Boston	r 1860
BOS.229	McKay, Donald House	78-80 White St	Boston	1844
BOS.14280		79-81 White St	Boston	r 1860
BOS.227	Waters, William House	82 White St	Boston	r 1880
BOS.14281		85 White St	Boston	r 1860
BOS.230	East Boston High School	86 White St	Boston	1926
BOS.14282		87 White St	Boston	c 1851
BOS.14283		88 White St	Boston	r 1860
BOS.14284		88R White St	Boston	r 1860
BOS.14285		89-91 White St	Boston	r 1880
BOS.14286	Lord House	90-92 White St	Boston	r 1860
BOS.14287		100 White St	Boston	r 1860
BOS.14288	Lapham House	104 White St	Boston	1881
BOS.14289	Dalton House	106 White St	Boston	1876
BOS.14290	Fitch House	108-110 White St	Boston	1878
BOS.14291		112 White St	Boston	r 1890
BOS.14292		114-116 White St	Boston	r 1890
BOS.231		118-120 White St	Boston	c 1890

Inv. No.	Property Name	Street	Town	Year
BOS.909	Wordsworth Street Footbridge over MBTA Blue Line	Wordsworth St	Boston	r 1900
BOS.232	Temple Ohabei Shalom Cemetery Chapel	147 Wordsworth St	Boston	1903
BOS.801	Temple Ohabei Shalom Cemetery	147 Wordsworth St	Boston	1844
BOS.9658	Ohabei Shalom Cemetery - Wordsworth Street Fence	147 Wordsworth St	Boston	c 1903
BOS.9659	Ohabei Shalom Cemetery - Chain Link Fence	147 Wordsworth St	Boston	r 1980
BOS.9660	Ohabei Shalom Cemetery - Beal Mausoleum	147 Wordsworth St	Boston	1925
BOS.9661	Ohabei Shalom Cemetery - Dach Mausoleum	147 Wordsworth St	Boston	r 1945
BOS.9662	Ohabei Shalom Cemetery - Linsky Mausoleum	147 Wordsworth St	Boston	r 1945
BOS.9663	Ohabei Shalom Cemetery - Nesson Mausoleum	147 Wordsworth St	Boston	r 1945
BOS.9664	Ohabei Shalom Cemetery - Schooner Mausoleum	147 Wordsworth St	Boston	r 1945
BOS.9665	Ohabei Shalom Cemetery - Anthony Paired Headstones	147 Wordsworth St	Boston	r 1880
BOS.9666	Ohabei Shalom Cemetery - Frankenstein Headstones	147 Wordsworth St	Boston	r 1920
BOS.9667	Ohabei Shalom Cemetery - Holtz Paired Headstones	147 Wordsworth St	Boston	r 1880
BOS.9668	Ohabei Shalom Cemetery - Leventhal Headstones	147 Wordsworth St	Boston	r 1895
BOS.9669	Ohabei Shalom Cemetery - Cohen Urn	147 Wordsworth St	Boston	1883
BOS.9670	Ohabei Shalom Cemetery - Warshauer Monument	147 Wordsworth St	Boston	c 1889

National Register of Historic Places

National Register Documentation on Listed Properties

Note: Not all National Register properties have been digitized yet

Reference	State	County	City	Resource	Address	Listed	Text	Photo
87000885	MASSACHUSETTS	Suffolk	Boston	Abbotsford	300 Walnut Ave.	19870916	Text	Photo
82004456	MASSACHUSETTS	Suffolk	Boston	Adams-Nervine Asylum	990-1020 Centre St.	19820601	Text	Photo
71000087	MASSACHUSETTS	Suffolk	Boston	African Meetinghouse	8 Smith St.	19711007	Text	Photo
80000678	MASSACHUSETTS	Suffolk	Boston	All Saints' Church	211 Ashmont St.	19800616	Text	Photo
97001377	MASSACHUSETTS	Suffolk	Boston	Allston Congregational Church	31-41 Quint Ave.	19971107	Text	Photo
74000382	MASSACHUSETTS	Suffolk	Boston	Ames Building	1 Court St.	19740426	Text	Photo
77001541	MASSACHUSETTS	Suffolk	Boston	Appleton, Nathan, Residence	39-40 Beacon St.	19771222	Text	Photo
73000313	MASSACHUSETTS	Suffolk	Boston	Arlington Street Church	Arlington and Boylston S	19730504	Text	Photo
73000314	MASSACHUSETTS	Suffolk	Boston	Armory of the First Corps of Cadets	97-105 Arlington St. and	19730522	Text	Photo
66000127	MASSACHUSETTS	Suffolk	Boston	Arnold Arboretum	22 Divinity Ave.	19661015	Text	Photo
87001478	MASSACHUSETTS	Suffolk	Boston	Austin, Francis B., House	58 High St.	19881021	Text	Photo
05000459	MASSACHUSETTS	Suffolk	Boston	Ayer, Frederick, Mansion	395 Commonwealth Ave	20050405	Text	Photo
73001948	MASSACHUSETTS	Suffolk	Boston	Back Bay Historic District	Roughly bounded by the	19730814	Text	Photo
98001381	MASSACHUSETTS	Suffolk	Boston	Baker Congregational Church	760 Saratoga St.	19981119	Text	Photo
83004285	MASSACHUSETTS	Suffolk	Boston	Baker, Sarah J., School	33 Perrin St.	19830707	Text	Photo
80000462	MASSACHUSETTS	Suffolk	Boston	Beach-Knapp District	Roughly bounded by Hai	19801209	Text	Photo
66000130	MASSACHUSETTS	Suffolk	Boston	Beacon Hill Historic District	Bounded by Beacon St.,	19661015	Text	Photo
79000368	MASSACHUSETTS	Suffolk	Boston	Bedford Building	89-103 Bedford St.	19790821	Text	Photo
89002251	MASSACHUSETTS	Suffolk	Boston	Bellevue Standpipe	On Bellevue Hill at Wash	19900118	Text	Photo
04000023	MASSACHUSETTS	Suffolk	Boston	Benedict Fenwick School	150 Magnolia St.	20040211	Text	Photo
02000548	MASSACHUSETTS	Suffolk	Boston	Bennington Street Burying Ground	Bennington St., bet. Swi	20020522	Text	Photo
80000677	MASSACHUSETTS	Suffolk	Boston	Berger Factory	37 Williams St.	19800409	Text	Photo
85000316	MASSACHUSETTS	Suffolk	Boston	Bigelow School	350 W. 4th St.	19850221	Text	Photo
73000315	MASSACHUSETTS	Suffolk	Boston	Blackstone Block Historic District	Area bound by Union, H	19730526	Text	Photo
14000272	MASSACHUSETTS	Suffolk	Boston	Blake and Amory Building	59 Temple Pl.	20140602	Text	Photo
74002350	MASSACHUSETTS	Suffolk	Boston	Blake, James, House	735 Columbia Rd.	19740501	Text	Photo
80004396	MASSACHUSETTS	Suffolk	Boston	Boston African American National Historic Site	Museum of Afro Americ	19801010	Text	Photo
66000132	MASSACHUSETTS	Suffolk	Boston	Boston Athenaeum	10 1/2 Beacon St.	19661015	Text	Photo
87000760	MASSACHUSETTS	Suffolk	Boston	Boston Common	Beacon, Park, Tremont,	19870227	Text	Photo
72000144	MASSACHUSETTS	Suffolk	Boston	Boston Common and Public Garden	Beacon, Park, Tremont,	19720712	Text	Photo
01001557	MASSACHUSETTS	Suffolk	Boston	Boston Consumptives Hospital	249 River St.	20020207	Text	Photo
80000453	MASSACHUSETTS	Suffolk	Boston	Boston Edison Electric Illuminating Company	25-39 Boylston St.	19801209	Text	Photo
85003323	MASSACHUSETTS	Suffolk	Boston	Boston Harbor Islands Archeological District	Address Restricted	19851221	Text	Photo
66000133	MASSACHUSETTS	Suffolk	Boston	Boston Light	Little Brewster Island, B	19661015	Text	Photo
74002222	MASSACHUSETTS	Suffolk	Boston	Boston National Historical Park	Inner harbor at mouth o	19741026	Text	Photo
66000134	MASSACHUSETTS	Suffolk	Boston	Boston Naval Shipyard	E of Chelsea St., Charles	19661115	Text	Photo
87000761	MASSACHUSETTS	Suffolk	Boston	Boston Public Garden	Beacon, Charles, Boylsc	19870227	Text	Photo
73000317	MASSACHUSETTS	Suffolk	Boston	Boston Public Library	Copley Sq.	19730506	Text	Photo
07000861	MASSACHUSETTS	Suffolk	Boston	Boston Transit Commission Building	15 Beacon St.	20070831	Text	Photo
98001082	MASSACHUSETTS	Suffolk	Boston	Boston Young Men's Christian Association	312-320 Huntington Ave	19980820	Text	Photo
80000451	MASSACHUSETTS	Suffolk	Boston	Boston Young Men's Christian Union	48 Boylston St.	19801209	Text	Photo
90001145	MASSACHUSETTS	Suffolk	Boston	Bowditch School	80--82 Greene St.	19900803	Text	Photo
80000450	MASSACHUSETTS	Suffolk	Boston	Boylston Building	2-22 Boylston St.	19801209	Text	Photo
01000088	MASSACHUSETTS	Suffolk	Boston	Brighton Center Historic District	Academy Hill R., Chestn	20010220	Text	Photo
97000920	MASSACHUSETTS	Suffolk	Boston	Brighton Evangelical Congregational Church	404-410 Washington St.	19970821	Text	Photo
66000141	MASSACHUSETTS	Suffolk	Boston	Brook Farm	670 Baker St.	19661015	Text	Photo
85002015	MASSACHUSETTS	Suffolk	Boston	Building at 138--142 Portland Street	138--142 Portland St.	19850905	Text	Photo
14000561	MASSACHUSETTS	Suffolk	Boston	Buildings at 825--829 Blue Hill Avenue	825-829 Blue Hill Ave.	20140910	Text	Photo
86000274	MASSACHUSETTS	Suffolk	Boston	Bulfinch Triangle Historic District	Roughly bounded by Car	19860227	Text	Photo
66000138	MASSACHUSETTS	Suffolk	Boston	Bunker Hill Monument	Breed's Hill	19661015	Text	Photo
87001771	MASSACHUSETTS	Suffolk	Boston	Bunker Hill School	65 Baldwin St.	19871015	Text	Photo
90001095	MASSACHUSETTS	Suffolk	Boston	Calf Pasture Pumping Station Complex	435 Mount Vernon St.	19900802	Text	Photo
98001361	MASSACHUSETTS	Suffolk	Boston	Cathedral of St. George Historic District	517-523-525 E. Broadwa	19981125	Text	Photo
80000676	MASSACHUSETTS	Suffolk	Boston	Charles Playhouse	74-78 Warenton St.	19800616	Text	Photo
10000506	MASSACHUSETTS	Suffolk	Boston	Charles River Reservation (Speedway)	1420-1440 Soldiers Field	20100719	Text	Photo
83000601	MASSACHUSETTS	Suffolk	Boston	Charles Street African Methodist Episcopal Church	551 Warren St.	20140415	Text	Photo
97000969	MASSACHUSETTS	Suffolk	Boston	Charlestown Heights	Roughly bounded by St.	19980108	Text	Photo
89002271	MASSACHUSETTS	Suffolk	Boston	Chestnut Hill Reservoir Historic District	Beacon St. and Common	19900118	Text	Photo
86000140	MASSACHUSETTS	Suffolk	Boston	Christ Church	1220 River Rd.	19860130	Text	Photo
99001614	MASSACHUSETTS	Suffolk	Boston	Church Green Buildings Historic District	101-113 Summer St.	19991230	Text	Photo
74000911	MASSACHUSETTS	Suffolk	Boston	Clapp Houses	199 and 195 Boston St.	19740502	Text	Photo
83004097	MASSACHUSETTS	Suffolk	Boston	Codman Building	55 Kilby St.	19831019	Text	Photo
83000602	MASSACHUSETTS	Suffolk	Boston	Codman Square District	Norfolk, Talbot, Epping,	20140415	Text	Photo
05000559	MASSACHUSETTS	Suffolk	Boston	Collins Building	213-217 Washington St.	20050608	Text	Photo
12001162	MASSACHUSETTS	Suffolk	Boston	Commonwealth Pier Five	165 Northern Ave.	19791010	Text	Photo
08001284	MASSACHUSETTS	Suffolk	Boston	Compton Building	159, 161-175 Devonshir	20081231	Text	Photo
99001304	MASSACHUSETTS	Suffolk	Boston	Congregation Adath Jeshurun	397 Blue Hill Ave.	19991112	Text	Photo
87001396	MASSACHUSETTS	Suffolk	Boston	Congress Street Fire Station	344 Congress St.	19870903	Text	Photo
74000385	MASSACHUSETTS	Suffolk	Boston	Copp's Hill Burial Ground	Charter, Snowhill, and H	19740418	Text	Photo
90000631	MASSACHUSETTS	Suffolk	Boston	Copp's Hill Terrace	Between Commercial an	19900419	Text	Photo

72000145	MASSACHUSETTS	Suffolk	Boston	Crowninshield House	164 Marlborough St.	19720223	Text	Photo
73000321	MASSACHUSETTS	Suffolk	Boston	Custom House District	Between J.F.K. Expwy. and	19730511	Text	Photo
73000318	MASSACHUSETTS	Suffolk	Boston	Cyclorama Building	543-547 Tremont St.	19730413	Text	Photo
13000928	MASSACHUSETTS	Suffolk	Boston	Davidson, Sarah, Apartment Block	3 Gaylord St.	20131218	Text	Photo
00000871	MASSACHUSETTS	Suffolk	Boston	Dearborn School	25 Ambrose St.	20000802	Text	Photo
80000448	MASSACHUSETTS	Suffolk	Boston	Dill Building	11-25 Stuart St.	19801209	Text	Photo
80001683	MASSACHUSETTS	Suffolk	Boston	Dillaway School	16-20 Kenilworth St.	19800409	Text	Photo
85000317	MASSACHUSETTS	Suffolk	Boston	Dimock Community Health Center Complex	41 and 55 Dimock St.	19850221	Text	Photo
87002549	MASSACHUSETTS	Suffolk	Boston	District 13 Police Station	28 Seaverns Ave.	19880210	Text	Photo
66000050	MASSACHUSETTS	Suffolk	Boston	Dorchester Heights National Historic Site	South Boston	19661015	Text	Photo
74000915	MASSACHUSETTS	Suffolk	Boston	Dorchester North Burying Ground	Stroughton St. and Colu	19740418	Text	Photo
08000089	MASSACHUSETTS	Suffolk	Boston	Dorchester Park	Bounded by Dorchester	20080220	Text	Photo
85000318	MASSACHUSETTS	Suffolk	Boston	Dorchester Pottery Works	101-105 Victory Rd.	19850221	Text	Photo
14000365	MASSACHUSETTS	Suffolk	Boston	Dorchester South Burying Ground	2095 Dorchester Ave.	20140627	Text	Photo
97001239	MASSACHUSETTS	Suffolk	Boston	Dorchester Temple Baptist Church	670 Washington St.	19980116	Text	Photo
80000675	MASSACHUSETTS	Suffolk	Boston	Dorchester-Milton Lower Mills Industrial District	Both sides of Neponset I	19800402	Text	Photo
01000304	MASSACHUSETTS	Suffolk	Boston	Dorchester--Milton Lower Mills Industrial District	Roughly: Adams, River, I	20010406	Text	Photo
96001063	MASSACHUSETTS	Suffolk	Boston	Douglass, Frederick, Square Historic District	Roughly bounded by Ha	20140627	Text	Photo
85003074	MASSACHUSETTS	Suffolk	Boston	Dudley Station Historic District	Washington, Warren, an	19851205	Text	Photo
98000149	MASSACHUSETTS	Suffolk	Boston	Eagle Hill Historic District	Roughly bounded by Boi	19980226	Text	Photo
06000127	MASSACHUSETTS	Suffolk	Boston	East Boston High School, Old	127 Marion St.	20060315	Text	Photo
10000039	MASSACHUSETTS	Suffolk	Boston	EDNA G. shipwreck (Eastern Rig dragger)	Address Restricted	20101122	Text	Photo
10001066	MASSACHUSETTS	Suffolk	Boston	Egleston Substation	3025 Washington St	20101227	Text	Photo
74000388	MASSACHUSETTS	Suffolk	Boston	Eliot Burying Ground	Eustis and Washington S	19740625	Text	Photo
93001587	MASSACHUSETTS	Suffolk	Boston	Eliot Congregational Church	56 Dale St., corner 118--	19940209	Text	Photo
88000959	MASSACHUSETTS	Suffolk	Boston	Eliot Hall	7A Eliot St.	19880715	Text	Photo
85003375	MASSACHUSETTS	Suffolk	Boston	Engine House No. 34	444 Western Ave.	19851024	Text	Photo
66000366	MASSACHUSETTS	Suffolk	Boston	Ether Dome, Massachusetts General Hospital	Fruit St.	19661015	Text	Photo
09000612	MASSACHUSETTS	Suffolk	Boston	Evergreen Cemetery	2060 Commonwealth Av	20090814	Text	Photo
09000717	MASSACHUSETTS	Suffolk	Boston	Fairview Cemetery	45 Fairview Ave.	20090916	Text	Photo
66000368	MASSACHUSETTS	Suffolk	Boston	Faneuil Hall	Dock Sq.	19661015	Text	Photo
94001492	MASSACHUSETTS	Suffolk	Boston	Faneuil, Peter, School	60 Joy St.	19941216	Text	Photo
12000069	MASSACHUSETTS	Suffolk	Boston	Fenway Park	24, & 2-4 Yawkey Wy., 6	20120307	Text	Photo
78000473	MASSACHUSETTS	Suffolk	Boston	Fenway Studios	30 Ipswich St.	19780913	Text	Photo
84002875	MASSACHUSETTS	Suffolk	Boston	Fenway-Boylston Street District	Fenway, Boylston, West	19840904	Text	Photo
81000620	MASSACHUSETTS	Suffolk	Boston	Fields Corner Municipal Building	1 Arcadia St., 195 Adam	19811112	Text	Photo
86001909	MASSACHUSETTS	Suffolk	Boston	Filene's Department Store	426 Washington St.	19860724	Text	Photo
72000146	MASSACHUSETTS	Suffolk	Boston	First Baptist Church	Commonwealth Ave. an	19720223	Text	Photo
88000955	MASSACHUSETTS	Suffolk	Boston	First Church of Jamaica Plain	6 Eliot St.	19880715	Text	Photo
99001308	MASSACHUSETTS	Suffolk	Boston	First Congregational Church of Hyde Park	6 Webster St.	19991112	Text	Photo
04001219	MASSACHUSETTS	Suffolk	Boston	Forest Hills Cemetery	95 Forest Hills Ave.	20041117	Text	Photo
70000921	MASSACHUSETTS	Suffolk	Boston	Fort Independence	Castle Island	19701015	Text	Photo
04000959	MASSACHUSETTS	Suffolk	Boston	Fort Point Channel Historic District	Necco Court, Thomson F	20040910	Text	Photo
70000540	MASSACHUSETTS	Suffolk	Boston	Fort Warren	Georges Island, Boston I	19700829	Text	Photo
02000081	MASSACHUSETTS	Suffolk	Boston	Frances and Isabella Apartments	430-432 and 434-436 Di	20020222	Text	Photo
73000319	MASSACHUSETTS	Suffolk	Boston	Fulton-Commercial Streets District	Fulton, Commercial, Me	19730321	Text	Photo
00000160	MASSACHUSETTS	Suffolk	Boston	Fulton-Commercial Streets Historic District	81-95 Richmond St.	20000303	Text	Photo
83000603	MASSACHUSETTS	Suffolk	Boston	Gardner, Isabella Stewart, Museum	280 The Fenway	20140415	Text	Photo
66000653	MASSACHUSETTS	Suffolk	Boston	Garrison, William Lloyd, House	125 Highland St.	19661015	Text	Photo
80000674	MASSACHUSETTS	Suffolk	Boston	Garrison, William Lloyd, School	20 Hutchings St.	19800416	Text	Photo
01001048	MASSACHUSETTS	Suffolk	Boston	Gibson House	137 Beacon St.	20010807	Text	Photo
07000510	MASSACHUSETTS	Suffolk	Boston	Goldsmith Block	41 Ruggles St., 746-750	20070605	Text	Photo
88000908	MASSACHUSETTS	Suffolk	Boston	Goodwin, Ozias, House	7 Jackson Ave.	19880623	Text	Photo
88000957	MASSACHUSETTS	Suffolk	Boston	Greek Orthodox Cathedral of New England	520 Parker St.	19880630	Text	Photo
02000154	MASSACHUSETTS	Suffolk	Boston	Greenwood Memorial United Methodist Church	378A-380 Washington S	20020308	Text	Photo
82004453	MASSACHUSETTS	Suffolk	Boston	Haffenreffer Brewery	Germania St.	19820502	Text	Photo
73000325	MASSACHUSETTS	Suffolk	Boston	Hale, Edward Everett, House	12 Morley St.	19790321	Text	Photo
66000764	MASSACHUSETTS	Suffolk	Boston	Harding, Chester, House	16 Beacon St.	19661015	Text	Photo
02001190	MASSACHUSETTS	Suffolk	Boston	Harrison Square Historic District	Bounded by MBTA Brain	20021022	Text	Photo
86000375	MASSACHUSETTS	Suffolk	Boston	Harriswood Crescent	60--88 Harold St.	19860313	Text	Photo
83000605	MASSACHUSETTS	Suffolk	Boston	Harvard Avenue Fire Station	16 Harvard Ave.	20140415	Text	Photo
00000415	MASSACHUSETTS	Suffolk	Boston	Harvard Avenue Historic District	Roughly bounded by Lin	20000428	Text	Photo
87000757	MASSACHUSETTS	Suffolk	Boston	Harvard Stadium	60 N. Harvard St.	19870227	Text	Photo
04000085	MASSACHUSETTS	Suffolk	Boston	Haskell, Edward H., Home for Nurses	220 Fisher Ave., 63 Parl	20040226	Text	Photo
80000446	MASSACHUSETTS	Suffolk	Boston	Hayden Building	681-683 Washington St.	19801209	Text	Photo
66000765	MASSACHUSETTS	Suffolk	Boston	Headquarters House	55 Beacon St.	19661015	Text	Photo
04000534	MASSACHUSETTS	Suffolk	Boston	Hibernian Hall	182-186 Dudley St.	20040602	Text	Photo
10000300	MASSACHUSETTS	Suffolk	Boston	Highland Spring Brewery Bottling and Storage Buildings	154-166 Terrace St	20100528	Text	Photo
05000879	MASSACHUSETTS	Suffolk	Boston	Home for Aged Couples	409, 419 Walnut Ave. an	20050811	Text	Photo
85002339	MASSACHUSETTS	Suffolk	Charlestown	Hoosac Stores 1 & 2-Hoosac Stores 3	25 and 115 Water St.	19850814	Text	Photo
93001573	MASSACHUSETTS	Suffolk	Boston	House at 1 Bay Street	1 Bay St.	19940209	Text	Photo
87001398	MASSACHUSETTS	Suffolk	Boston	House at 17 Cranston Street	17 Cranston St.	19871120	Text	Photo
74002044	MASSACHUSETTS	Suffolk	Boston	Howe, Samuel Gridley and Julia Ward	13 Chestnut St.	19740913	Text	Photo
87001399	MASSACHUSETTS	Suffolk	Boston	Hoxie, Timothy, House	135 Hillside St.	19871120	Text	Photo

79000369	MASSACHUSETTS	Suffolk	Boston	International Trust Company Building	39-47 Milk St.	19790910	Text	Photo
74000391	MASSACHUSETTS	Suffolk	Boston	John Adams Courthouse	Pemberton Sq.	19740508	Text	Photo
73000854	MASSACHUSETTS	Suffolk	Boston	John Eliot Square District	John Eliot Sq.	19730423	Text	Photo
08000793	MASSACHUSETTS	Suffolk	Boston	Joshua Bates School	731 Harrison Ave.	20080822	Text	Photo
74002045	MASSACHUSETTS	Suffolk	Boston	King's Chapel	Tremont and School Sts.	19740502	Text	Photo
73000855	MASSACHUSETTS	Suffolk	Boston	Kittredge, Alvah, House	12 Linwood St.	19730508	Text	Photo
83000606	MASSACHUSETTS	Suffolk	Boston	Lawrence Model Lodging Houses	79, 89, 99 and 109 E. Cambridge St.	20140415	Text	Photo
83004098	MASSACHUSETTS	Suffolk	Boston	Leather District	Roughly bounded by Atlantic Ave. and	19831221	Text	Photo
80000460	MASSACHUSETTS	Suffolk	Boston	Liberty Tree District	Roughly bounded by Harvard St. and	19801209	Text	Photo
86001911	MASSACHUSETTS	Suffolk	Boston	Locke--Ober Restaurant	3--4 Winter Pl.	19860724	Text	Photo
87001481	MASSACHUSETTS	Suffolk	Boston	Long Island Head Light	Long Island	19870615	Text	Photo
66000768	MASSACHUSETTS	Suffolk	Boston	Long Wharf and Customhouse Block	Foot of State St.	19661113	Text	Photo
83000604	MASSACHUSETTS	Suffolk	Boston	Loring, Harrison, House	789 E. Broadway St.	19830901	Text	Photo
72000544	MASSACHUSETTS	Suffolk	Boston	Loring-Greenough House	12 South St.	19720426	Text	Photo
94001494	MASSACHUSETTS	Suffolk	Boston	Lower Roxbury Historic District	Roughly, area surrounding	19941209	Text	Photo
83004099	MASSACHUSETTS	Suffolk	Boston	LUNA (tugboat)	NDC Pier, Charles River	19831006	Text	Photo
99001302	MASSACHUSETTS	Suffolk	Boston	Mariner's House	11 North Square	19991112	Text	Photo
70000682	MASSACHUSETTS	Suffolk	Boston	Massachusetts General Hospital	Fruit Street	19701230	Text	Photo
66000770	MASSACHUSETTS	Suffolk	Boston	Massachusetts Historical Society Building	1154 Boylston St.	19661015	Text	Photo
93001489	MASSACHUSETTS	Suffolk	Boston	Massachusetts Mental Health Center	74 Fenwood Rd.	19940121	Text	Photo
89000974	MASSACHUSETTS	Suffolk	Boston	Massachusetts School of Art	364 Brookline Ave.	19890803	Text	Photo
66000771	MASSACHUSETTS	Suffolk	Boston	Massachusetts Statehouse	Beacon Hill	19861015	Text	Photo
82004450	MASSACHUSETTS	Suffolk	Boston	McKay, Donald, House	78-80 White St.	19820602	Text	Photo
80000445	MASSACHUSETTS	Suffolk	Boston	Metropolitan Theatre	252-272 Tremont St.	19801209	Text	Photo
89001747	MASSACHUSETTS	Suffolk	Boston	Mission Hill Triangle Historic District	Roughly bounded by	19891106	Text	Photo
87001128	MASSACHUSETTS	Suffolk	Boston	Monument Square Historic District	Monument Sq.	19870602	Text	Photo
90001536	MASSACHUSETTS	Suffolk	Boston	Monument Square Historic District	Roughly bounded by	19901011	Text	Photo
84002890	MASSACHUSETTS	Suffolk	Boston	Moreland Street Historic District	Roughly bounded by	19840329	Text	Photo
04001572	MASSACHUSETTS	Suffolk	Boston	Morton Street, Metropolitan Park System	Morton St.	20050124	Text	Photo
09000767	MASSACHUSETTS	Suffolk	Boston	Mount Hope Cemetery	355 Walk Hill St.	20090924	Text	Photo
89000004	MASSACHUSETTS	Suffolk	Boston	Mount Pleasant Historic District	Roughly bounded by	19900209	Text	Photo
04000426	MASSACHUSETTS	Suffolk	Boston	Nazing Court Apartments	224-236 Seaver St. and	20040512	Text	Photo
76001979	MASSACHUSETTS	Suffolk	Boston	Nell, William C., House	3 Smith Ct.	19760511	Text	Photo
04001573	MASSACHUSETTS	Suffolk	Boston	Neponset Valley Parkway	Neponset Valley Parkway	20050124	Text	Photo
80000672	MASSACHUSETTS	Suffolk	Boston	New England Conservatory of Music	290 Huntington Ave.	19800514	Text	Photo
87001394	MASSACHUSETTS	Suffolk	Boston	New Riding Club	52 Hemenway St.	19870820	Text	Photo
83000607	MASSACHUSETTS	Suffolk	Boston	Newspaper Row	322-328 Washington St.	20140415	Text	Photo
04000189	MASSACHUSETTS	Suffolk	Boston	Nix's Mate Daybeacon	Nubble Channel, The	20040318	Text	Photo
97000971	MASSACHUSETTS	Suffolk	Boston	North Terminal Garage	600 Commercial St.	19970911	Text	Photo
80000465	MASSACHUSETTS	Suffolk	Boston	Oak Square School	35 Nonantum St.	19801110	Text	Photo
08000795	MASSACHUSETTS	Suffolk	Boston	Ohabei Shalom Cemetery	147 Wordsworth St.	20080819	Text	Photo
70000687	MASSACHUSETTS	Suffolk	Boston	Old City Hall	School and Providence	19701230	Text	Photo
73000324	MASSACHUSETTS	Suffolk	Boston	Old Corner Bookstore	NW corner of Washington	19730411	Text	Photo
08000693	MASSACHUSETTS	Suffolk	Boston	Old Harbor Reservation Parkways	William J. Day Blvd., Col	20080724	Text	Photo
66000776	MASSACHUSETTS	Suffolk	Boston	Old North Church	193 Salem St.	19661015	Text	Photo
70000690	MASSACHUSETTS	Suffolk	Boston	Old South Church in Boston	645 Boylston St.	19701230	Text	Photo
66000778	MASSACHUSETTS	Suffolk	Boston	Old South Meetinghouse	Milk and Washington St	19661015	Text	Photo
66000779	MASSACHUSETTS	Suffolk	Boston	Old State House	Washington and State St	19661015	Text	Photo
70000691	MASSACHUSETTS	Suffolk	Boston	Old West Church	131 Cambridge St.	19701230	Text	Photo
70000539	MASSACHUSETTS	Suffolk	Boston	Otis, (First) Harrison Gray, House	141 Cambridge St.	19701230	Text	Photo
73001955	MASSACHUSETTS	Suffolk	Boston	Otis, (Second) Harrison Gray, House	85 Mt. Vernon St.	19730727	Text	Photo
02001039	MASSACHUSETTS	Suffolk	Boston	Paine Furniture Building	75-81 Arlington St.	20020912	Text	Photo
74000390	MASSACHUSETTS	Suffolk	Boston	Park Street District	Tremont, Park, and Bea	19740501	Text	Photo
66000782	MASSACHUSETTS	Suffolk	Boston	Parkman, Francis, House	50 Chestnut St.	19661015	Text	Photo
01000872	MASSACHUSETTS	Suffolk	Boston	Peabody, The	195-197 Ashmont St.	20010808	Text	Photo
74000907	MASSACHUSETTS	Suffolk	Boston	Phipps Street Burying Ground	Phipps St.	19740514	Text	Photo
80000458	MASSACHUSETTS	Suffolk	Boston	Piano Row District	Boston Common, Park S	19801209	Text	Photo
74000917	MASSACHUSETTS	Suffolk	Boston	Pierce House	24 Oakton Ave.	19740426	Text	Photo
68000042	MASSACHUSETTS	Suffolk	Boston	Pierce-Hichborn House	29 North Sq.	19681124	Text	Photo
13000929	MASSACHUSETTS	Suffolk	Boston	Pilgrim Congregational Church	540-544 Columbia Rd.	20131218	Text	Photo
03000781	MASSACHUSETTS	Suffolk	Boston	Publicity Building	40-44 Bromfield St.	20030820	Text	Photo
66000784	MASSACHUSETTS	Suffolk	Boston	Quincy Market	S. Market St.	19661113	Text	Photo
66000785	MASSACHUSETTS	Suffolk	Boston	Revere, Paul, House	19 North Sq.	19661015	Text	Photo
86001504	MASSACHUSETTS	Suffolk	Boston	Richardson Block	113--151 Pearl and 109-	19860809	Text	Photo
95001450	MASSACHUSETTS	Suffolk	Boston	Riviera, The	270 Huntington Ave.	19951207	Text	Photo
97001278	MASSACHUSETTS	Suffolk	Boston	ROSEWAY (schooner)	Boston Harbor	19970925	Text	Photo
98001330	MASSACHUSETTS	Suffolk	Boston	Roslindale Baptist Church	52 Cummins Hwy.	19981105	Text	Photo
13000621	MASSACHUSETTS	Suffolk	Boston	Roslindale Substation	4228 Washington St.	20130827	Text	Photo
82004448	MASSACHUSETTS	Suffolk	Boston	Roughan Hall	15-18 City Sq.	19820415	Text	Photo
73000856	MASSACHUSETTS	Suffolk	Boston	Roxbury High Fort	Beech Glen St. at Fort A	19730423	Text	Photo
89000147	MASSACHUSETTS	Suffolk	Boston	Roxbury Highlands Historic District	Roughly bounded by Du	19890222	Text	Photo
89002125	MASSACHUSETTS	Suffolk	Boston	Roxbury Presbyterian Church	328 Warren St.	19910315	Text	Photo
80000463	MASSACHUSETTS	Suffolk	Boston	Russia Wharf Buildings	518-540 Atlantic Ave., 2'	19801202	Text	Photo
87001495	MASSACHUSETTS	Suffolk	Boston	Saint Augustine Chapel and Cemetery	Dorchester St. between	19870918	Text	Photo

12000783	MASSACHUSETTS	Suffolk	Boston	Saint Mark's Episcopal Church	73 Columbia Rd.	20140703	Text	Photo
03000385	MASSACHUSETTS	Suffolk	Boston	Savin Hill Historic District	Roughly bounded by Sav	20030509	Text	Photo
86001486	MASSACHUSETTS	Suffolk	Boston	Sears' Crescent and Sears' Block	38--68 and 70--72 Cornh	19860809	Text	Photo
90001992	MASSACHUSETTS	Suffolk	Boston	Sears Roebuck and Company Mail Order Store	309 Park Dr. and 201 Br	19910115	Text	Photo
70000731	MASSACHUSETTS	Suffolk	Boston	Sears, David, House	42 Beacon St.	19701230	Text	Photo
86001913	MASSACHUSETTS	Suffolk	Boston	Second Brazer Building	25--29 State St.	19860724	Text	Photo
10000391	MASSACHUSETTS	Suffolk	Boston	Second Church in Boston	874, 876, 880 Beacon St	20100624	Text	Photo
12000978	MASSACHUSETTS	Suffolk	Boston	Sherman Apartments Historic District	544-546 Washington, 4-	20121128	Text	Photo
80000444	MASSACHUSETTS	Suffolk	Boston	Shubert, Sam S., Theatre	263-265 Tremont St.	19801209	Text	Photo
05000936	MASSACHUSETTS	Suffolk	Boston	South Boston Boat Clubs Historic District	1793-1849 William J. Da	20050901	Text	Photo
73000324	MASSACHUSETTS	Suffolk	Boston	South End District	South Bay area between	19730508	Text	Photo
75000299	MASSACHUSETTS	Suffolk	Boston	South Station Headhouse	Atlantic Ave. and Summ	19750213	Text	Photo
89002169	MASSACHUSETTS	Suffolk	Boston	St. Joseph's Roman Catholic Church Complex	Bounded by Circuit, Reg	19891228	Text	Photo
97001472	MASSACHUSETTS	Suffolk	Boston	St. Luke's and St. Margaret's Church	5-7 St. Luke's Rd.	19971112	Text	Photo
98001292	MASSACHUSETTS	Suffolk	Boston	St. Mary's Episcopal Church	14-16 Cushing Ave.	19981030	Text	Photo
70000730	MASSACHUSETTS	Suffolk	Boston	St. Paul's Church	136 Tremont St.	19701230	Text	Photo
75000300	MASSACHUSETTS	Suffolk	Boston	St. Stephen's Church	Hanover St. between Cla	19750414	Text	Photo
80000189	MASSACHUSETTS	Suffolk	Boston	Stearns, R. H., House	140 Tremont St.	19800616	Text	Photo
05001509	MASSACHUSETTS	Suffolk	Boston	Stony Brook Reservation Parkways	Dedham, Enneking, Turt	20060103	Text	Photo
97000970	MASSACHUSETTS	Suffolk	Boston	Students House	96 The Fenway	19970911	Text	Photo
80000670	MASSACHUSETTS	Suffolk	Boston	Suffolk County Jail	215 Charles St.	19800423	Text	Photo
87001889	MASSACHUSETTS	Suffolk	Boston	Sumner Hill Historic District	Roughly bounded by Sea	19871022	Text	Photo
73001953	MASSACHUSETTS	Suffolk	Boston	Sumner, Charles, House	20 Hancock St.	19731107	Text	Photo
75000301	MASSACHUSETTS	Suffolk	Boston	Symphony and Horticultural Halls	Massachusetts and Huni	19750530	Text	Photo
99000633	MASSACHUSETTS	Suffolk	Boston	Symphony Hall	301 Massachusetts Aver	19990120	Text	Photo
88000427	MASSACHUSETTS	Suffolk	Boston	Temple Place Historic District	11--55, 26--58 Temple P	19880726	Text	Photo
12000099	MASSACHUSETTS	Suffolk	Boston	Terminal Storage Warehouse District	267-281 Medford St., 40	20120312	Text	Photo
90001757	MASSACHUSETTS	Suffolk	Boston	Textile District	Roughly, Essex St. from I	19901129	Text	Photo
73000850	MASSACHUSETTS	Suffolk	Boston	Town Hill District	Bounded roughly by Rut	19730511	Text	Photo
66000788	MASSACHUSETTS	Suffolk	Boston	Tremont Street Subway	Beneath Tremont, Boyls	19661015	Text	Photo
70000733	MASSACHUSETTS	Suffolk	Boston	Trinity Church	Copley Sq.	19700701	Text	Photo
92000356	MASSACHUSETTS	Suffolk	Boston	Trinity Neighborhood House	406 Meridian St.	19920414	Text	Photo
72000150	MASSACHUSETTS	Suffolk	Boston	Trinity Rectory	Clarendon and Newbury	19720223	Text	Photo
04001430	MASSACHUSETTS	Suffolk	Boston	Truman Parkway--Metropolitan Park System	Truman Parkway	20050105	Text	Photo
66000789	MASSACHUSETTS	Suffolk	Boston	U.S.S. CONSTITUTION	Boston Naval Shipyard	19661015	Text	Photo
03000645	MASSACHUSETTS	Suffolk	Boston	Union Oyster House	41-43 Union Street	20030527	Text	Photo
80000669	MASSACHUSETTS	Suffolk	Boston	Union Wharf	295-353 Commercial St.	19800622	Text	Photo
80000668	MASSACHUSETTS	Suffolk	Boston	United Shoe Machinery Corporation Building	138-164 Federal St.	19800819	Text	Photo
11000160	MASSACHUSETTS	Suffolk	Boston	United State Post Office, Courthouse	5 Post Office Square	20110408	Text	Photo
90001537	MASSACHUSETTS	Suffolk	Boston	Upham's Corner Market	600 Columbia Rd.	19901011	Text	Photo
86000084	MASSACHUSETTS	Suffolk	Boston	USS CASSIN YOUNG (destroyer)	Charlestown Navy Yard	19860114	Text	Photo
84000421	MASSACHUSETTS	Suffolk	Boston	Vermont Building	6-12 Thacher St.	19841113	Text	Photo
04001432	MASSACHUSETTS	Suffolk	Boston	VFW Parkway, Metropolitan Park System	VFW Parkway, bet. Spir	20050105	Text	Photo
13000930	MASSACHUSETTS	Suffolk	Boston	Walton and Roslin Halls	702-708 & 710-726 Was	20131218	Text	Photo
79000370	MASSACHUSETTS	Suffolk	Boston	Washington Street Theatre District	511-559 Washington St.	19790319	Text	Photo
80000455	MASSACHUSETTS	Suffolk	Boston	West Street District	West St.	19801209	Text	Photo
82000486	MASSACHUSETTS	Suffolk	Boston	Wigglesworth Building	89-83 Franklin St.	20140415	Text	Photo
80000443	MASSACHUSETTS	Suffolk	Boston	Wilbur Theatre	244-250 Tremont St.	19801209	Text	Photo
74000392	MASSACHUSETTS	Suffolk	Boston	Winthrop Building	7 Water St.	19740418	Text	Photo
80000442	MASSACHUSETTS	Suffolk	Boston	Wirth, Jacob, Buildings	31-39 Stuart St.	19801209	Text	Photo
99000593	MASSACHUSETTS	Suffolk	Boston	Woodbourne Historic District	Roughly bounded by Wa	19990604	Text	Photo
74000393	MASSACHUSETTS	Suffolk	Boston	Youth's Companion Building	209 Columbus Ave.	19740502	Text	Photo
04000119	MASSACHUSETTS	Suffolk	Boston	YWCA Boston	140 Clarendon St.	20040303	Text	Photo

APPENDIX E

Copy of BWSC Dewatering Permit Application



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

DEWATERING DISCHARGE PERMIT APPLICATION

OWNER / AUTHORIZED APPLICANT PROVIDE INFORMATION HERE:

Company Name: GEGC 2 New Street, LLC Address: 1477 NW Everett Street, Portland OR 97209
Phone Number: 503-299-6000 Fax number: _____
Contact person name: Patrick Wilde Title: _____
Cell number: 503-539-5647 Email address: Patrick.Wilde@gerdingedlen.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: _____ Phone number: _____

Location of Discharge & Proposed Treatment System(s):

Street number and name: 6 New Street Neighborhood East Boston

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

Describe Proposed Pre-Treatment System(s): Sedimentation tank with bag filters. Additional pretreatment as required.

BWSC Outfall No. CSO009 Receiving Waters Boston Harbor

Temporary Discharges (Provide Anticipated Dates of Discharge): From March 2015 To March 2017
☐ Groundwater Remediation ☐ Tank Removal/Installation ☒ Foundation Excavation
☐ Utility/Manhole Pumping ☐ Test Pipe ☒ Trench Excavation
☐ Accumulated Surface Water ☐ Hydrogeologic Testing ☒ Other TEMPORARY CONSTRUCTION DEWATERING

Permanent Discharges
☐ Foundation Drainage ☐ Crawl Space/Footing Drain
☐ Accumulated Surface Water ☐ Non-contact/Uncontaminated Cooling
☐ Non-contact/Uncontaminated Process ☐ 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: _____

APPENDIX F

Laboratory Data Report



ANALYTICAL REPORT

Lab Number:	L1427812
Client:	Haley & Aldrich, Inc. 465 Medford Street, Suite 2200 Charlestown, MA 02129-1400
ATTN:	Lee Vanzler
Phone:	(617) 886-7561
Project Name:	6 NEW ST. EAST BOSTON, MA
Project Number:	40605-003
Report Date:	11/24/14

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Eight Walkup Drive, Westborough, MA 01581-1019
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Project Name: 6 NEW ST. EAST BOSTON, MA
Project Number: 40605-003

Lab Number: L1427812
Report Date: 11/24/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1427812-01	HA14-A1	WATER	Not Specified	11/18/14 13:35	11/18/14

Project Name: 6 NEW ST. EAST BOSTON, MA
Project Number: 40605-003

Lab Number: L1427812
Report Date: 11/24/14

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEX data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 6 NEW ST. EAST BOSTON, MA
Project Number: 40605-003

Lab Number: L1427812
Report Date: 11/24/14

Case Narrative (continued)

Semivolatile Organics

The WG741761-2 LCS/LCSD recoveries, associated with L1427812-01, are below the acceptance criteria for benzidine (4%/1%) and benzoic acid (8%/10%); however, they have been identified as "difficult" analytes. The results of the associated sample are reported.

Metals

The WG741927-4 MS recovery, performed on L1427812-01, is outside the acceptance criteria for selenium (72%). A post digestion spike was performed and was within acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Cristin Walker

Title: Technical Director/Representative

Date: 11/24/14

ORGANICS

VOLATILES

Project Name: 6 NEW ST. EAST BOSTON, MA
Project Number: 40605-003

Lab Number: L1427812
Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427812-01
Client ID: HA14-A1
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/20/14 20:57
Analyst: PK

Date Collected: 11/18/14 13:35
Date Received: 11/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1

Project Name: 6 NEW ST. EAST BOSTON, MA**Lab Number:** L1427812**Project Number:** 40605-003**Report Date:** 11/24/14**SAMPLE RESULTS****Lab ID:** L1427812-01**Date Collected:** 11/18/14 13:35**Client ID:** HA14-A1**Date Received:** 11/18/14**Sample Location:** Not Specified**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,4-Dichlorobutane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
Vinyl acetate	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Ethyl methacrylate	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,3-Dichloropropane	ND		ug/l	2.5	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1

Project Name: 6 NEW ST. EAST BOSTON, MA**Lab Number:** L1427812**Project Number:** 40605-003**Report Date:** 11/24/14**SAMPLE RESULTS****Lab ID:** L1427812-01**Date Collected:** 11/18/14 13:35**Client ID:** HA14-A1**Date Received:** 11/18/14**Sample Location:** Not Specified**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
Ethyl ether	ND		ug/l	2.5	--	1
Tert-Butyl Alcohol	ND		ug/l	10	--	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	106		70-130

Project Name: 6 NEW ST. EAST BOSTON, MA**Project Number:** 40605-003**Lab Number:** L1427812**Report Date:** 11/24/14**SAMPLE RESULTS**

Lab ID: L1427812-01
Client ID: HA14-A1
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C-SIM(M)
Analytical Date: 11/20/14 20:57
Analyst: PK

Date Collected: 11/18/14 13:35
Date Received: 11/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS-SIM - Westborough Lab

1,4-Dioxane	ND		ug/l	3.0	--	1
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Project Name: 6 NEW ST. EAST BOSTON, MA**Project Number:** 40605-003**Lab Number:** L1427812**Report Date:** 11/24/14**SAMPLE RESULTS**

Lab ID: L1427812-01

Client ID: HA14-A1

Sample Location: Not Specified

Matrix: Water

Analytical Method: 14,504.1

Analytical Date: 11/20/14 18:08

Analyst: NS

Date Collected: 11/18/14 13:35

Date Received: 11/18/14

Field Prep: Not Specified

Extraction Date: 11/20/14 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Microextractables by GC - Westborough Lab							
1,2-Dibromoethane	ND		ug/l	0.010	--	1	A

Project Name: 6 NEW ST. EAST BOSTON, MA**Lab Number:** L1427812**Project Number:** 40605-003**Report Date:** 11/24/14**Method Blank Analysis**
Batch Quality Control**Analytical Method:** 14,504.1**Analytical Date:** 11/20/14 17:16**Analyst:** NS**Extraction Date:** 11/20/14 10:00

Parameter	Result	Qualifier	Units	RL	MDL
Microextractables by GC - Westborough Lab for sample(s): 01 Batch: WG742269-1					
1,2-Dibromoethane	ND		ug/l	0.010	-- A
1,2-Dibromo-3-chloropropane	ND		ug/l	0.010	-- A

Project Name: 6 NEW ST. EAST BOSTON, MA**Lab Number:** L1427812**Project Number:** 40605-003**Report Date:** 11/24/14**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C-SIM(M)

Analytical Date: 11/20/14 20:25

Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG742597-3					
1,4-Dioxane	ND		ug/l	3.0	--

Project Name: 6 NEW ST. EAST BOSTON, MA

Lab Number: L1427812

Project Number: 40605-003

Report Date: 11/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/20/14 20:25
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG742604-3					
Methylene chloride	ND		ug/l	3.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	ND		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
2-Chloroethylvinyl ether	ND		ug/l	10	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	2.5	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
1,3-Dichloropropene, Total	ND		ug/l	0.50	--
1,1-Dichloropropene	ND		ug/l	2.5	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.75	--
Ethylbenzene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--

Project Name: 6 NEW ST. EAST BOSTON, MA

Lab Number: L1427812

Project Number: 40605-003

Report Date: 11/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/20/14 20:25
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG742604-3					
1,2-Dichloroethene, Total	ND		ug/l	0.50	--
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--
Methyl tert butyl ether	ND		ug/l	1.0	--
p/m-Xylene	ND		ug/l	1.0	--
o-Xylene	ND		ug/l	1.0	--
Xylenes, Total	ND		ug/l	1.0	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Dibromomethane	ND		ug/l	5.0	--
1,4-Dichlorobutane	ND		ug/l	5.0	--
1,2,3-Trichloropropane	ND		ug/l	5.0	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	5.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	5.0	--
2-Butanone	ND		ug/l	5.0	--
Vinyl acetate	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Ethyl methacrylate	ND		ug/l	5.0	--
Acrylonitrile	ND		ug/l	5.0	--
Bromochloromethane	ND		ug/l	2.5	--
Tetrahydrofuran	ND		ug/l	5.0	--
2,2-Dichloropropane	ND		ug/l	2.5	--
1,2-Dibromoethane	ND		ug/l	2.0	--
1,3-Dichloropropane	ND		ug/l	2.5	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--

Project Name: 6 NEW ST. EAST BOSTON, MA

Lab Number: L1427812

Project Number: 40605-003

Report Date: 11/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/20/14 20:25
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG742604-3					
Bromobenzene	ND		ug/l	2.5	--
n-Butylbenzene	ND		ug/l	0.50	--
sec-Butylbenzene	ND		ug/l	0.50	--
tert-Butylbenzene	ND		ug/l	2.5	--
o-Chlorotoluene	ND		ug/l	2.5	--
p-Chlorotoluene	ND		ug/l	2.5	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--
Hexachlorobutadiene	ND		ug/l	0.50	--
Isopropylbenzene	ND		ug/l	0.50	--
p-Isopropyltoluene	ND		ug/l	0.50	--
Naphthalene	ND		ug/l	2.5	--
n-Propylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--
1,3,5-Trichlorobenzene	ND		ug/l	2.0	--
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--
Ethyl ether	ND		ug/l	2.5	--
Methyl Acetate	ND		ug/l	10	--
Ethyl Acetate	ND		ug/l	10	--
Isopropyl Ether	ND		ug/l	2.0	--
Cyclohexane	ND		ug/l	10	--
Tert-Butyl Alcohol	ND		ug/l	10	--
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	10	--
Methyl cyclohexane	ND		ug/l	10	--
p-Diethylbenzene	ND		ug/l	2.0	--

Project Name: 6 NEW ST. EAST BOSTON, MA

Lab Number: L1427812

Project Number: 40605-003

Report Date: 11/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 11/20/14 20:25

Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG742604-3					
4-Ethyltoluene	ND		ug/l	2.0	--
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 6 NEW ST. EAST BOSTON, MA**Project Number:** 40605-003**Lab Number:** L1427812**Report Date:** 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Microextractables by GC - Westborough Lab Associated sample(s): 01 Batch: WG742269-2									
1,2-Dibromoethane	102		-		70-130	-		20	A
1,2-Dibromo-3-chloropropane	93		-		70-130	-		20	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 6 NEW ST. EAST BOSTON, MA**Project Number:** 40605-003**Lab Number:** L1427812**Report Date:** 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG742597-1 WG742597-2								
1,4-Dioxane	130		107		70-130	19		25

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 6 NEW ST. EAST BOSTON, MA

Project Number: 40605-003

Lab Number: L1427812

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG742604-1 WG742604-2								
Methylene chloride	98		93		70-130	5		20
1,1-Dichloroethane	96		92		70-130	4		20
Chloroform	100		97		70-130	3		20
Carbon tetrachloride	96		93		63-132	3		20
1,2-Dichloropropane	86		92		70-130	7		20
Dibromochloromethane	99		94		63-130	5		20
1,1,2-Trichloroethane	95		88		70-130	8		20
2-Chloroethylvinyl ether	93		90		70-130	3		20
Tetrachloroethene	101		98		70-130	3		20
Chlorobenzene	102		97		75-130	5		25
Trichlorofluoromethane	88		83		62-150	6		20
1,2-Dichloroethane	101		95		70-130	6		20
1,1,1-Trichloroethane	99		96		67-130	3		20
Bromodichloromethane	108		91		67-130	17		20
trans-1,3-Dichloropropene	97		92		70-130	5		20
cis-1,3-Dichloropropene	97		92		70-130	5		20
1,1-Dichloropropene	99		95		70-130	4		20
Bromoform	91		83		54-136	9		20
1,1,2,2-Tetrachloroethane	100		91		67-130	9		20
Benzene	99		94		70-130	5		25
Toluene	98		95		70-130	3		25

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 6 NEW ST. EAST BOSTON, MA

Project Number: 40605-003

Lab Number: L1427812

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG742604-1 WG742604-2								
Ethylbenzene	99		96		70-130	3		20
Chloromethane	76		71		64-130	7		20
Bromomethane	78		72		39-139	8		20
Vinyl chloride	83		78		55-140	6		20
Chloroethane	91		84		55-138	8		20
1,1-Dichloroethene	94		91		61-145	3		25
trans-1,2-Dichloroethene	98		94		70-130	4		20
Trichloroethene	100		96		70-130	4		25
1,2-Dichlorobenzene	102		95		70-130	7		20
1,3-Dichlorobenzene	101		95		70-130	6		20
1,4-Dichlorobenzene	104		96		70-130	8		20
Methyl tert butyl ether	95		89		63-130	7		20
p/m-Xylene	96		94		70-130	2		20
o-Xylene	97		92		70-130	5		20
cis-1,2-Dichloroethene	100		95		70-130	5		20
Dibromomethane	101		96		70-130	5		20
1,4-Dichlorobutane	91		86		70-130	6		20
1,2,3-Trichloropropane	97		91		64-130	6		20
Styrene	96		91		70-130	5		20
Dichlorodifluoromethane	77		70		36-147	10		20
Acetone	142		126		58-148	12		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 6 NEW ST. EAST BOSTON, MA

Project Number: 40605-003

Lab Number: L1427812

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG742604-1 WG742604-2								
Carbon disulfide	85		82		51-130	4		20
2-Butanone	118		109		63-138	8		20
Vinyl acetate	100		91		70-130	9		20
4-Methyl-2-pentanone	95		90		59-130	5		20
2-Hexanone	102		97		57-130	5		20
Ethyl methacrylate	98		93		70-130	5		20
Acrylonitrile	99		91		70-130	8		20
Bromochloromethane	104		97		70-130	7		20
Tetrahydrofuran	101		95		58-130	6		20
2,2-Dichloropropane	101		97		63-133	4		20
1,2-Dibromoethane	98		93		70-130	5		20
1,3-Dichloropropane	100		92		70-130	8		20
1,1,1,2-Tetrachloroethane	100		95		64-130	5		20
Bromobenzene	100		93		70-130	7		20
n-Butylbenzene	107		98		53-136	9		20
sec-Butylbenzene	101		96		70-130	5		20
tert-Butylbenzene	102		95		70-130	7		20
o-Chlorotoluene	95		90		70-130	5		20
p-Chlorotoluene	99		95		70-130	4		20
1,2-Dibromo-3-chloropropane	103		82		41-144	23	Q	20
Hexachlorobutadiene	116		111		63-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 6 NEW ST. EAST BOSTON, MA

Project Number: 40605-003

Lab Number: L1427812

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG742604-1 WG742604-2								
Isopropylbenzene	105		101		70-130	4		20
p-Isopropyltoluene	101		94		70-130	7		20
Naphthalene	97		93		70-130	4		20
n-Propylbenzene	99		93		69-130	6		20
1,2,3-Trichlorobenzene	99		91		70-130	8		20
1,2,4-Trichlorobenzene	99		93		70-130	6		20
1,3,5-Trimethylbenzene	101		93		64-130	8		20
1,3,5-Trichlorobenzene	108		100		70-130	8		20
1,2,4-Trimethylbenzene	101		94		70-130	7		20
trans-1,4-Dichloro-2-butene	81		84		70-130	4		20
Ethyl ether	95		86		59-134	10		20
Methyl Acetate	106		96		70-130	10		20
Ethyl Acetate	101		92		70-130	9		20
Isopropyl Ether	95		89		70-130	7		20
Cyclohexane	93		91		70-130	2		20
Tert-Butyl Alcohol	108		109		70-130	1		20
Ethyl-Tert-Butyl-Ether	101		94		70-130	7		20
Tertiary-Amyl Methyl Ether	97		90		66-130	7		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	93		88		70-130	6		20
Methyl cyclohexane	98		94		70-130	4		20
p-Diethylbenzene	103		97		70-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 6 NEW ST. EAST BOSTON, MA

Project Number: 40605-003

Lab Number: L1427812

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG742604-1 WG742604-2								
4-Ethyltoluene	98		93		70-130	5		20
1,2,4,5-Tetramethylbenzene	105		98		70-130	7		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		97		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	101		103		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 6 NEW ST. EAST BOSTON, MA

Project Number: 40605-003

Lab Number: L1427812

Report Date: 11/24/14

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>	<i>Column</i>
Microextractables by GC - Westborough Lab Associated sample(s): 01 QC Batch ID: WG742269-3 QC Sample: L1427812-01 Client ID: HA14-A1													
1,2-Dibromoethane	ND	0.254	0.281	111		-	-		70-130	-		20	A

SEMIVOLATILES

Project Name: 6 NEW ST. EAST BOSTON, MA
Project Number: 40605-003

Lab Number: L1427812
Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427812-01
Client ID: HA14-A1
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 11/21/14 19:40
Analyst: PS

Date Collected: 11/18/14 13:35
Date Received: 11/18/14
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 11/19/14 00:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/l	20	--	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	--	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--	1
1,2-Dichlorobenzene	ND		ug/l	2.0	--	1
1,3-Dichlorobenzene	ND		ug/l	2.0	--	1
1,4-Dichlorobenzene	ND		ug/l	2.0	--	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--	1
2,4-Dinitrotoluene	ND		ug/l	5.0	--	1
2,6-Dinitrotoluene	ND		ug/l	5.0	--	1
Azobenzene	ND		ug/l	2.0	--	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--	1
Hexachlorocyclopentadiene	ND		ug/l	20	--	1
Isophorone	ND		ug/l	5.0	--	1
Nitrobenzene	ND		ug/l	2.0	--	1
NDPA/DPA	ND		ug/l	2.0	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--	1
Butyl benzyl phthalate	ND		ug/l	5.0	--	1
Di-n-butylphthalate	ND		ug/l	5.0	--	1
Di-n-octylphthalate	ND		ug/l	5.0	--	1
Diethyl phthalate	ND		ug/l	5.0	--	1
Dimethyl phthalate	ND		ug/l	5.0	--	1
Aniline	ND		ug/l	2.0	--	1
4-Chloroaniline	ND		ug/l	5.0	--	1
2-Nitroaniline	ND		ug/l	5.0	--	1
3-Nitroaniline	ND		ug/l	5.0	--	1
4-Nitroaniline	ND		ug/l	5.0	--	1
Dibenzofuran	ND		ug/l	2.0	--	1

Project Name: 6 NEW ST. EAST BOSTON, MA**Lab Number:** L1427812**Project Number:** 40605-003**Report Date:** 11/24/14**SAMPLE RESULTS****Lab ID:** L1427812-01**Date Collected:** 11/18/14 13:35**Client ID:** HA14-A1**Date Received:** 11/18/14**Sample Location:** Not Specified**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
n-Nitrosodimethylamine	ND		ug/l	2.0	--	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	--	1
p-Chloro-m-cresol	ND		ug/l	2.0	--	1
2-Chlorophenol	ND		ug/l	2.0	--	1
2,4-Dichlorophenol	ND		ug/l	5.0	--	1
2,4-Dimethylphenol	ND		ug/l	5.0	--	1
2-Nitrophenol	ND		ug/l	10	--	1
4-Nitrophenol	ND		ug/l	10	--	1
2,4-Dinitrophenol	ND		ug/l	20	--	1
4,6-Dinitro-o-cresol	ND		ug/l	10	--	1
Phenol	ND		ug/l	5.0	--	1
2-Methylphenol	ND		ug/l	5.0	--	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	--	1
Benzoic Acid	ND		ug/l	50	--	1
Benzyl Alcohol	ND		ug/l	2.0	--	1
Carbazole	ND		ug/l	2.0	--	1
Pyridine	ND		ug/l	5.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	14	Q	21-120
Phenol-d6	14		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	101		41-149

Project Name: 6 NEW ST. EAST BOSTON, MA
Project Number: 40605-003

Lab Number: L1427812
Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427812-01
Client ID: HA14-A1
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 11/20/14 15:33
Analyst: KV

Date Collected: 11/18/14 13:35
Date Received: 11/18/14
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 11/19/14 00:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	--	1
2-Chloronaphthalene	ND		ug/l	0.20	--	1
Fluoranthene	0.42		ug/l	0.20	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	0.20	--	1
Benzo(a)anthracene	0.27		ug/l	0.20	--	1
Benzo(a)pyrene	0.36		ug/l	0.20	--	1
Benzo(b)fluoranthene	0.51		ug/l	0.20	--	1
Benzo(k)fluoranthene	ND		ug/l	0.20	--	1
Chrysene	0.29		ug/l	0.20	--	1
Acenaphthylene	ND		ug/l	0.20	--	1
Anthracene	ND		ug/l	0.20	--	1
Benzo(ghi)perylene	0.26		ug/l	0.20	--	1
Fluorene	ND		ug/l	0.20	--	1
Phenanthrene	0.20		ug/l	0.20	--	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	--	1
Indeno(1,2,3-cd)Pyrene	0.30		ug/l	0.20	--	1
Pyrene	0.46		ug/l	0.20	--	1
1-Methylnaphthalene	ND		ug/l	0.20	--	1
2-Methylnaphthalene	ND		ug/l	0.20	--	1
Pentachlorophenol	ND		ug/l	0.80	--	1
Hexachlorobenzene	ND		ug/l	0.80	--	1
Hexachloroethane	ND		ug/l	0.80	--	1

Project Name: 6 NEW ST. EAST BOSTON, MA**Lab Number:** L1427812**Project Number:** 40605-003**Report Date:** 11/24/14**SAMPLE RESULTS**

Lab ID: L1427812-01

Date Collected: 11/18/14 13:35

Client ID: HA14-A1

Date Received: 11/18/14

Sample Location: Not Specified

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	17	Q	21-120
Phenol-d6	14		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	118		41-149

Project Name: 6 NEW ST. EAST BOSTON, MA

Lab Number: L1427812

Project Number: 40605-003

Report Date: 11/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/22/14 11:00
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 11/19/14 00:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG741761-1					
Benzidine	ND		ug/l	20	--
1,2,4-Trichlorobenzene	ND		ug/l	5.0	--
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--
1,2-Dichlorobenzene	ND		ug/l	2.0	--
1,3-Dichlorobenzene	ND		ug/l	2.0	--
1,4-Dichlorobenzene	ND		ug/l	2.0	--
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--
2,4-Dinitrotoluene	ND		ug/l	5.0	--
2,6-Dinitrotoluene	ND		ug/l	5.0	--
Azobenzene	ND		ug/l	2.0	--
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--
Hexachlorocyclopentadiene	ND		ug/l	20	--
Isophorone	ND		ug/l	5.0	--
Nitrobenzene	ND		ug/l	2.0	--
NDPA/DPA	ND		ug/l	2.0	--
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--
Butyl benzyl phthalate	ND		ug/l	5.0	--
Di-n-butylphthalate	ND		ug/l	5.0	--
Di-n-octylphthalate	ND		ug/l	5.0	--
Diethyl phthalate	ND		ug/l	5.0	--
Dimethyl phthalate	ND		ug/l	5.0	--
Aniline	ND		ug/l	2.0	--
4-Chloroaniline	ND		ug/l	5.0	--
2-Nitroaniline	ND		ug/l	5.0	--
3-Nitroaniline	ND		ug/l	5.0	--
4-Nitroaniline	ND		ug/l	5.0	--

Project Name: 6 NEW ST. EAST BOSTON, MA

Lab Number: L1427812

Project Number: 40605-003

Report Date: 11/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/22/14 11:00
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 11/19/14 00:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG741761-1					
Dibenzofuran	ND		ug/l	2.0	--
n-Nitrosodimethylamine	ND		ug/l	2.0	--
2,4,6-Trichlorophenol	ND		ug/l	5.0	--
p-Chloro-m-cresol	ND		ug/l	2.0	--
2-Chlorophenol	ND		ug/l	2.0	--
2,4-Dichlorophenol	ND		ug/l	5.0	--
2,4-Dimethylphenol	ND		ug/l	5.0	--
2-Nitrophenol	ND		ug/l	10	--
4-Nitrophenol	ND		ug/l	10	--
2,4-Dinitrophenol	ND		ug/l	20	--
4,6-Dinitro-o-cresol	ND		ug/l	10	--
Phenol	ND		ug/l	5.0	--
2-Methylphenol	ND		ug/l	5.0	--
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--
2,4,5-Trichlorophenol	ND		ug/l	5.0	--
Benzoic Acid	ND		ug/l	50	--
Benzyl Alcohol	ND		ug/l	2.0	--
Carbazole	ND		ug/l	2.0	--
Pyridine	ND		ug/l	5.0	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	92		41-149

Project Name: 6 NEW ST. EAST BOSTON, MA

Lab Number: L1427812

Project Number: 40605-003

Report Date: 11/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 11/20/14 14:06
 Analyst: KV

Extraction Method: EPA 3510C
 Extraction Date: 11/19/14 00:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG741762-1					
Acenaphthene	ND		ug/l	0.20	--
2-Chloronaphthalene	ND		ug/l	0.20	--
Fluoranthene	ND		ug/l	0.20	--
Hexachlorobutadiene	ND		ug/l	0.50	--
Naphthalene	ND		ug/l	0.20	--
Benzo(a)anthracene	ND		ug/l	0.20	--
Benzo(a)pyrene	ND		ug/l	0.20	--
Benzo(b)fluoranthene	ND		ug/l	0.20	--
Benzo(k)fluoranthene	ND		ug/l	0.20	--
Chrysene	ND		ug/l	0.20	--
Acenaphthylene	ND		ug/l	0.20	--
Anthracene	ND		ug/l	0.20	--
Benzo(ghi)perylene	ND		ug/l	0.20	--
Fluorene	ND		ug/l	0.20	--
Phenanthrene	ND		ug/l	0.20	--
Dibenzo(a,h)anthracene	ND		ug/l	0.20	--
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	--
Pyrene	ND		ug/l	0.20	--
1-Methylnaphthalene	ND		ug/l	0.20	--
2-Methylnaphthalene	ND		ug/l	0.20	--
Pentachlorophenol	ND		ug/l	0.80	--
Hexachlorobenzene	ND		ug/l	0.80	--
Hexachloroethane	ND		ug/l	0.80	--

Project Name: 6 NEW ST. EAST BOSTON, MA**Lab Number:** L1427812**Project Number:** 40605-003**Report Date:** 11/24/14

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 11/20/14 14:06
 Analyst: KV

Extraction Method: EPA 3510C
 Extraction Date: 11/19/14 00:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG741762-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	108		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 6 NEW ST. EAST BOSTON, MA

Project Number: 40605-003

Lab Number: L1427812

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG741761-2 WG741761-3								
Benzidine	4	Q	0	Q	10-75	157	Q	30
1,2,4-Trichlorobenzene	68		75		39-98	10		30
Bis(2-chloroethyl)ether	77		80		40-140	4		30
1,2-Dichlorobenzene	64		70		40-140	9		30
1,3-Dichlorobenzene	64		68		40-140	6		30
1,4-Dichlorobenzene	64		68		36-97	6		30
3,3'-Dichlorobenzidine	61		63		40-140	3		30
2,4-Dinitrotoluene	80		88		24-96	10		30
2,6-Dinitrotoluene	75		81		40-140	8		30
Azobenzene	89		95		40-140	7		30
4-Chlorophenyl phenyl ether	79		86		40-140	8		30
4-Bromophenyl phenyl ether	78		84		40-140	7		30
Bis(2-chloroisopropyl)ether	78		82		40-140	5		30
Bis(2-chloroethoxy)methane	76		80		40-140	5		30
Hexachlorocyclopentadiene	42		49		40-140	15		30
Isophorone	79		84		40-140	6		30
Nitrobenzene	81		84		40-140	4		30
NDPA/DPA	82		84		40-140	2		30
Bis(2-ethylhexyl)phthalate	90		98		40-140	9		30
Butyl benzyl phthalate	77		82		40-140	6		30
Di-n-butylphthalate	85		91		40-140	7		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 6 NEW ST. EAST BOSTON, MA

Project Number: 40605-003

Lab Number: L1427812

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG741761-2 WG741761-3								
Di-n-octylphthalate	88		95		40-140	8		30
Diethyl phthalate	81		86		40-140	6		30
Dimethyl phthalate	81		88		40-140	8		30
Aniline	27	Q	23	Q	40-140	16		30
4-Chloroaniline	42		43		40-140	2		30
2-Nitroaniline	80		85		52-143	6		30
3-Nitroaniline	51		51		25-145	0		30
4-Nitroaniline	72		64		51-143	12		30
Dibenzofuran	83		89		40-140	7		30
n-Nitrosodimethylamine	37		40		22-74	8		30
2,4,6-Trichlorophenol	85		88		30-130	3		30
p-Chloro-m-cresol	79		80		23-97	1		30
2-Chlorophenol	71		73		27-123	3		30
2,4-Dichlorophenol	83		88		30-130	6		30
2,4-Dimethylphenol	66		28	Q	30-130	81	Q	30
2-Nitrophenol	84		87		30-130	4		30
4-Nitrophenol	39		44		10-80	12		30
2,4-Dinitrophenol	65		66		20-130	2		30
4,6-Dinitro-o-cresol	78		84		20-164	7		30
Phenol	29		31		12-110	7		30
2-Methylphenol	57		55		30-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 6 NEW ST. EAST BOSTON, MA
Project Number: 40605-003

Lab Number: L1427812
Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG741761-2 WG741761-3								
3-Methylphenol/4-Methylphenol	54		54		30-130	0		30
2,4,5-Trichlorophenol	87		91		30-130	4		30
Benzoic Acid	8	Q	10	Q	10-164	19		30
Benzyl Alcohol	65		67		26-116	3		30
Carbazole	88		94		55-144	7		30
Pyridine	25		24		10-66	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	42		43		21-120
Phenol-d6	27		29		10-120
Nitrobenzene-d5	83		90		23-120
2-Fluorobiphenyl	81		85		15-120
2,4,6-Tribromophenol	90		94		10-120
4-Terphenyl-d14	84		92		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 6 NEW ST. EAST BOSTON, MA

Project Number: 40605-003

Lab Number: L1427812

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG741762-2 WG741762-3								
Acenaphthene	66		80		37-111	19		40
2-Chloronaphthalene	67		84		40-140	23		40
Fluoranthene	73		88		40-140	19		40
Hexachlorobutadiene	54		67		40-140	21		40
Naphthalene	59		73		40-140	21		40
Benzo(a)anthracene	72		90		40-140	22		40
Benzo(a)pyrene	76		92		40-140	19		40
Benzo(b)fluoranthene	84		98		40-140	15		40
Benzo(k)fluoranthene	79		94		40-140	17		40
Chrysene	68		84		40-140	21		40
Acenaphthylene	64		83		40-140	26		40
Anthracene	65		83		40-140	24		40
Benzo(ghi)perylene	79		91		40-140	14		40
Fluorene	72		90		40-140	22		40
Phenanthrene	64		78		40-140	20		40
Dibenzo(a,h)anthracene	87		102		40-140	16		40
Indeno(1,2,3-cd)Pyrene	82		99		40-140	19		40
Pyrene	72		87		26-127	19		40
1-Methylnaphthalene	63		79		40-140	23		40
2-Methylnaphthalene	66		83		40-140	23		40
Pentachlorophenol	63		76		9-103	19		40

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 6 NEW ST. EAST BOSTON, MA**Project Number:** 40605-003**Lab Number:** L1427812**Report Date:** 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG741762-2 WG741762-3								
Hexachlorobenzene	62		78		40-140	23		40
Hexachloroethane	55		70		40-140	24		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	18	Q	36		21-120
Phenol-d6	15		25		10-120
Nitrobenzene-d5	57		75		23-120
2-Fluorobiphenyl	72		92		15-120
2,4,6-Tribromophenol	84		108		10-120
4-Terphenyl-d14	96		119		41-149

PCBS

Project Name: 6 NEW ST. EAST BOSTON, MA
Project Number: 40605-003

Lab Number: L1427812
Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427812-01
Client ID: HA14-A1
Sample Location: Not Specified
Matrix: Water
Analytical Method: 5,608
Analytical Date: 11/20/14 05:54
Analyst: TQ

Date Collected: 11/18/14 13:35
Date Received: 11/18/14
Field Prep: Not Specified
Extraction Method: EPA 608
Extraction Date: 11/19/14 00:48
Cleanup Method: EPA 3665A
Cleanup Date: 11/19/14
Cleanup Method: EPA 3660B
Cleanup Date: 11/19/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	--	1	A
Aroclor 1221	ND		ug/l	0.250	--	1	A
Aroclor 1232	ND		ug/l	0.250	--	1	A
Aroclor 1242	ND		ug/l	0.250	--	1	A
Aroclor 1248	ND		ug/l	0.250	--	1	A
Aroclor 1254	ND		ug/l	0.250	--	1	A
Aroclor 1260	ND		ug/l	0.200	--	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	53		30-150	A

Project Name: 6 NEW ST. EAST BOSTON, MA**Lab Number:** L1427812**Project Number:** 40605-003**Report Date:** 11/24/14**Method Blank Analysis
Batch Quality Control**

Analytical Method: 5,608
 Analytical Date: 11/20/14 06:31
 Analyst: TQ

Extraction Method: EPA 608
 Extraction Date: 11/19/14 00:48
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/19/14
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/19/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG741759-1						
Aroclor 1016	ND		ug/l	0.250	--	A
Aroclor 1221	ND		ug/l	0.250	--	A
Aroclor 1232	ND		ug/l	0.250	--	A
Aroclor 1242	ND		ug/l	0.250	--	A
Aroclor 1248	ND		ug/l	0.250	--	A
Aroclor 1254	ND		ug/l	0.250	--	A
Aroclor 1260	ND		ug/l	0.200	--	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	45		30-150	A

Matrix Spike Analysis

Batch Quality Control

Project Name: 6 NEW ST. EAST BOSTON, MA

Project Number: 40605-003

Lab Number: L1427812

Report Date: 11/24/14

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>	<i>Column</i>
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741759-3 QC Sample: L1427762-01 Client ID: MS Sample													
Aroclor 1016	ND	1	0.661	66		-	-		40-140	-		50	A
Aroclor 1260	ND	1	0.770	77		-	-		40-140	-		50	A

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	54				30-150	A
Decachlorobiphenyl	67				30-150	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** 6 NEW ST. EAST BOSTON, MA**Project Number:** 40605-003**Lab Number:** L1427812**Report Date:** 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG741759-2									
Aroclor 1016	54		-		40-140	-		50	A
Aroclor 1260	63		-		40-140	-		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	41				30-150	A
Decachlorobiphenyl	48				30-150	A

Lab Duplicate Analysis Batch Quality Control

Project Name: 6 NEW ST. EAST BOSTON, MA

Project Number: 40605-003

Lab Number: L1427812

Report Date: 11/24/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741759-4 QC Sample: L1427812-01 Client ID: HA14-A1						
Aroclor 1016	ND	ND	ug/l	NC		50 A
Aroclor 1221	ND	ND	ug/l	NC		50 A
Aroclor 1232	ND	ND	ug/l	NC		50 A
Aroclor 1242	ND	ND	ug/l	NC		50 A
Aroclor 1248	ND	ND	ug/l	NC		50 A
Aroclor 1254	ND	ND	ug/l	NC		50 A
Aroclor 1260	ND	ND	ug/l	NC		50 A

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		61		30-150	A
Decachlorobiphenyl	53		54		30-150	A

METALS

Project Name: 6 NEW ST. EAST BOSTON, MA
Project Number: 40605-003

Lab Number: L1427812
Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427812-01
Client ID: HA14-A1
Sample Location: Not Specified
Matrix: Water

Date Collected: 11/18/14 13:35
Date Received: 11/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Antimony, Total	ND		mg/l	0.00400	--	1	11/19/14 11:14	11/20/14 12:36	EPA 3005A	1,6020A	KL
Arsenic, Total	0.00364		mg/l	0.00050	--	1	11/19/14 11:14	11/20/14 12:36	EPA 3005A	1,6020A	KL
Cadmium, Total	ND		mg/l	0.00020	--	1	11/19/14 11:14	11/20/14 12:36	EPA 3005A	1,6020A	KL
Chromium, Total	0.00635		mg/l	0.00100	--	1	11/19/14 11:14	11/20/14 12:36	EPA 3005A	1,6020A	KL
Copper, Total	0.01178		mg/l	0.00100	--	1	11/19/14 11:14	11/20/14 12:36	EPA 3005A	1,6020A	KL
Iron, Total	2.2		mg/l	0.05	--	1	11/19/14 11:14	11/20/14 10:57	EPA 3005A	19,200.7	JH
Lead, Total	0.07705		mg/l	0.00050	--	1	11/19/14 11:14	11/20/14 12:36	EPA 3005A	1,6020A	KL
Mercury, Total	ND		mg/l	0.00020	--	1	11/19/14 09:55	11/19/14 15:06	EPA 245.1	3,245.1	AK
Nickel, Total	0.00286		mg/l	0.00050	--	1	11/19/14 11:14	11/20/14 12:36	EPA 3005A	1,6020A	KL
Selenium, Total	ND		mg/l	0.00500	--	1	11/19/14 11:14	11/20/14 12:36	EPA 3005A	1,6020A	KL
Silver, Total	ND		mg/l	0.00040	--	1	11/19/14 11:14	11/20/14 12:36	EPA 3005A	1,6020A	KL
Zinc, Total	0.06296		mg/l	0.00500	--	1	11/19/14 11:14	11/20/14 12:36	EPA 3005A	1,6020A	KL



Project Name: 6 NEW ST. EAST BOSTON, MA

Lab Number: L1427812

Project Number: 40605-003

Report Date: 11/24/14

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG741871-1										
Mercury, Total	ND		mg/l	0.00020	--	1	11/19/14 09:55	11/19/14 14:49	3,245.1	AK

Prep Information

Digestion Method: EPA 245.1

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG741927-1										
Antimony, Total	ND		mg/l	0.00400	--	1	11/19/14 11:14	11/20/14 12:15	1,6020A	KL
Arsenic, Total	ND		mg/l	0.00050	--	1	11/19/14 11:14	11/20/14 12:15	1,6020A	KL
Cadmium, Total	ND		mg/l	0.00020	--	1	11/19/14 11:14	11/20/14 12:15	1,6020A	KL
Chromium, Total	ND		mg/l	0.00100	--	1	11/19/14 11:14	11/20/14 12:15	1,6020A	KL
Copper, Total	ND		mg/l	0.00100	--	1	11/19/14 11:14	11/20/14 12:15	1,6020A	KL
Lead, Total	ND		mg/l	0.00050	--	1	11/19/14 11:14	11/20/14 12:15	1,6020A	KL
Nickel, Total	ND		mg/l	0.00050	--	1	11/19/14 11:14	11/20/14 12:15	1,6020A	KL
Selenium, Total	ND		mg/l	0.00500	--	1	11/19/14 11:14	11/20/14 12:15	1,6020A	KL
Silver, Total	ND		mg/l	0.00040	--	1	11/19/14 11:14	11/20/14 12:15	1,6020A	KL
Zinc, Total	ND		mg/l	0.00500	--	1	11/19/14 11:14	11/20/14 12:15	1,6020A	KL

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG741932-1										
Iron, Total	ND		mg/l	0.05	--	1	11/19/14 11:14	11/20/14 09:47	19,200.7	JH

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 6 NEW ST. EAST BOSTON, MA

Project Number: 40605-003

Lab Number: L1427812

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG741871-2								
Mercury, Total	105		-		85-115	-		
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG741927-2								
Antimony, Total	81		-		80-120	-		
Arsenic, Total	101		-		80-120	-		
Cadmium, Total	104		-		80-120	-		
Chromium, Total	103		-		80-120	-		
Copper, Total	93		-		80-120	-		
Lead, Total	105		-		80-120	-		
Nickel, Total	103		-		80-120	-		
Selenium, Total	108		-		80-120	-		
Silver, Total	98		-		80-120	-		
Zinc, Total	102		-		80-120	-		
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG741932-2								
Iron, Total	90		-		85-115	-		

Matrix Spike Analysis **Batch Quality Control**

Project Name: 6 NEW ST. EAST BOSTON, MA

Lab Number: L1427812

Project Number: 40605-003

Report Date: 11/24/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741871-4 QC Sample: L1427799-01 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00552	110		-	-		70-130	-		20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741927-4 QC Sample: L1427812-01 Client ID: HA14-A1												
Antimony, Total	ND	0.5	0.5508	110		-	-		75-125	-		20
Arsenic, Total	0.00364	0.12	0.1308	106		-	-		75-125	-		20
Cadmium, Total	ND	0.051	0.04902	96		-	-		75-125	-		20
Chromium, Total	0.00635	0.2	0.1924	93		-	-		75-125	-		20
Copper, Total	0.01178	0.25	0.2319	88		-	-		75-125	-		20
Lead, Total	0.07705	0.51	0.5986	102		-	-		75-125	-		20
Nickel, Total	0.00286	0.5	0.4881	97		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.0858	72	Q	-	-		75-125	-		20
Silver, Total	ND	0.05	0.04833	97		-	-		75-125	-		20
Zinc, Total	0.06296	0.5	0.5569	99		-	-		75-125	-		20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741932-4 QC Sample: L1427812-01 Client ID: HA14-A1												
Iron, Total	2.2	1	3.1	90		-	-		75-125	-		20

Project Name: 6 NEW ST. EAST BOSTON, MA
Project Number: 40605-003

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L1427812
Report Date: 11/24/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741871-3 QC Sample: L1427799-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741927-3 QC Sample: L1427812-01 Client ID: HA14-A1						
Antimony, Total	ND	ND	mg/l	NC		20
Arsenic, Total	0.00364	0.00383	mg/l	5		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	0.00635	0.00688	mg/l	8		20
Copper, Total	0.01178	0.01261	mg/l	7		20
Lead, Total	0.07705	0.07933	mg/l	3		20
Nickel, Total	0.00286	0.00279	mg/l	3		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Zinc, Total	0.06296	0.06480	mg/l	3		20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741932-3 QC Sample: L1427812-01 Client ID: HA14-A1						
Iron, Total	2.2	2.3	mg/l	4		20

INORGANICS & MISCELLANEOUS

Project Name: 6 NEW ST. EAST BOSTON, MA
Project Number: 40605-003

Lab Number: L1427812
Report Date: 11/24/14

SAMPLE RESULTS

Lab ID: L1427812-01
Client ID: HA14-A1
Sample Location: Not Specified
Matrix: Water

Date Collected: 11/18/14 13:35
Date Received: 11/18/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Suspended	55.		mg/l	5.0	NA	1	-	11/19/14 14:56	30,2540D	MP
Cyanide, Total	ND		mg/l	0.005	--	1	11/19/14 12:05	11/19/14 15:35	30,4500CN-CE	JO
Chlorine, Total Residual	ND		mg/l	0.02	--	1	-	11/18/14 22:35	30,4500CL-D	MR
TPH	ND		mg/l	4.00	--	1	11/19/14 10:00	11/19/14 14:30	74,1664A	ML
Phenolics, Total	ND		mg/l	0.030	--	1	11/19/14 11:15	11/19/14 13:46	4,420.1	MP
Chromium, Hexavalent	ND		mg/l	0.010	--	1	11/18/14 21:50	11/18/14 21:58	30,3500CR-D	MR
Anions by Ion Chromatography - Westborough Lab										
Chloride	1720		mg/l	50.0	--	100	-	11/20/14 00:13	44,300.0	JT



Project Name: 6 NEW ST. EAST BOSTON, MA

Lab Number: L1427812

Project Number: 40605-003

Report Date: 11/24/14

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG741723-1										
Chromium, Hexavalent	ND		mg/l	0.010	--	1	11/18/14 21:50	11/18/14 21:57	30,3500CR-D	MR
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG741748-1										
Chlorine, Total Residual	ND		mg/l	0.02	--	1	-	11/18/14 22:35	30,4500CL-D	MR
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG741896-1										
Cyanide, Total	ND		mg/l	0.005	--	1	11/19/14 12:05	11/19/14 15:23	30,4500CN-CE	JO
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG741913-1										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	11/19/14 14:56	30,2540D	MP
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG741930-1										
Phenolics, Total	ND		mg/l	0.030	--	1	11/19/14 11:15	11/19/14 13:44	4,420.1	MP
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG741953-1										
TPH	ND		mg/l	4.00	--	1	11/19/14 10:00	11/19/14 14:30	74,1664A	ML
Anions by Ion Chromatography - Westborough Lab for sample(s): 01 Batch: WG742460-1										
Chloride	ND		mg/l	0.500	--	1	-	11/19/14 18:33	44,300.0	JT

Lab Control Sample Analysis

Batch Quality Control

Project Name: 6 NEW ST. EAST BOSTON, MA

Project Number: 40605-003

Lab Number: L1427812

Report Date: 11/24/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG741723-2								
Chromium, Hexavalent	96		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG741748-2								
Chlorine, Total Residual	101		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG741896-2								
Cyanide, Total	97		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG741930-2								
Phenolics, Total	101		-		70-130	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG741953-2								
TPH	75		-		64-132	-		34
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01 Batch: WG742460-2								
Chloride	98		-		90-110	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: 6 NEW ST. EAST BOSTON, MA
Project Number: 40605-003

Lab Number: L1427812
Report Date: 11/24/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741723-4 QC Sample: L1427812-01 Client ID: HA14-A1												
Chromium, Hexavalent	ND	0.1	0.092	92		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741896-3 QC Sample: L1427594-01 Client ID: MS Sample												
Cyanide, Total	0.005	0.2	0.205	100		-	-		90-110	-		30
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741930-4 QC Sample: L1427812-01 Client ID: HA14-A1												
Phenolics, Total	ND	0.4	0.38	96		-	-		70-130	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741953-4 QC Sample: L1427812-01 Client ID: HA14-A1												
TPH	ND	20.4	16.2	79		-	-		64-132	-		34
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01 QC Batch ID: WG742460-3 QC Sample: L1427095-09 Client ID: MS Sample												
Chloride	13300	4	14800	76		-	-		40-151	-		18

Project Name: 6 NEW ST. EAST BOSTON, MA
Project Number: 40605-003

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L1427812
Report Date: 11/24/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741723-3 QC Sample: L1427812-01 Client ID: HA14-A1						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741748-3 QC Sample: L1427812-01 Client ID: HA14-A1						
Chlorine, Total Residual	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741896-4 QC Sample: L1427580-02 Client ID: DUP Sample						
Cyanide, Total	ND	ND	mg/l	NC		30
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741913-2 QC Sample: L1427790-01 Client ID: DUP Sample						
Solids, Total Suspended	47	44	mg/l	7		29
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741930-3 QC Sample: L1427812-01 Client ID: HA14-A1						
Phenolics, Total	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG741953-3 QC Sample: L1427798-01 Client ID: DUP Sample						
TPH	ND	ND	mg/l	NC		34
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01 QC Batch ID: WG742460-4 QC Sample: L1427095-09 Client ID: DUP Sample						
Chloride	13300	13300	mg/l	0		18

Project Name: 6 NEW ST. EAST BOSTON, MA

Project Number: 40605-003

Lab Number: L1427812

Report Date: 11/24/14

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1427812-01A	Vial HCl preserved	A	N/A	3.3	Y	Absent	8260-SIM(14),8260(14)
L1427812-01B	Vial HCl preserved	A	N/A	3.3	Y	Absent	8260-SIM(14),8260(14)
L1427812-01C	Vial HCl preserved	A	N/A	3.3	Y	Absent	8260-SIM(14),8260(14)
L1427812-01D	Vial Na2S2O3 preserved	A	N/A	3.3	Y	Absent	504(14)
L1427812-01E	Vial Na2S2O3 preserved	A	N/A	3.3	Y	Absent	504(14)
L1427812-01F	Plastic 250ml NaOH preserved	A	>12	3.3	Y	Absent	TCN-4500(14)
L1427812-01G	Plastic 250ml HNO3 preserved	A	<2	3.3	Y	Absent	SE-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),FE-UI(180),PB-6020T(180),HG-U(28),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180)
L1427812-01H	Plastic 250ml HNO3 preserved	A	<2	3.3	Y	Absent	HOLD-METAL(180)
L1427812-01I	Plastic 500ml unpreserved	A	8	3.3	Y	Absent	CL-300(28),TRC-4500(1)
L1427812-01J	Plastic 500ml unpreserved	A	8	3.3	Y	Absent	HEXCR-3500(1)
L1427812-01K	Plastic 950ml unpreserved	A	8	3.3	Y	Absent	TSS-2540(7)
L1427812-01L	Amber 500ml H2SO4 preserved	A	<2	3.3	Y	Absent	TPHENOL-420(28)
L1427812-01M	Amber 1000ml HCl preserved	A	N/A	3.3	Y	Absent	TPH-1664(28)
L1427812-01N	Amber 1000ml HCl preserved	A	N/A	3.3	Y	Absent	TPH-1664(28)
L1427812-01O	Amber 1000ml unpreserved	A	8	3.3	Y	Absent	8270TCL(7),8270TCL-SIM(7)
L1427812-01P	Amber 1000ml unpreserved	A	8	3.3	Y	Absent	8270TCL(7),8270TCL-SIM(7)
L1427812-01Q	Amber 1000ml Na2S2O3	A	8	3.3	Y	Absent	PCB-608(7)
L1427812-01R	Amber 1000ml Na2S2O3	A	8	3.3	Y	Absent	PCB-608(7)

*Values in parentheses indicate holding time in days



Project Name: 6 NEW ST. EAST BOSTON, MA
Project Number: 40605-003

Lab Number: L1427812
Report Date: 11/24/14

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Report Format: Data Usability Report



Project Name: 6 NEW ST. EAST BOSTON, MA
Project Number: 40605-003

Lab Number: L1427812
Report Date: 11/24/14

Data Qualifiers

- G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the reporting limit (RL) for the sample.

Project Name: 6 NEW ST. EAST BOSTON, MA
Project Number: 40605-003

Lab Number: L1427812
Report Date: 11/24/14

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.
- 4 Methods for Chemical Analysis of Water and Wastes. EPA 600/4-79-020. Revised March 1983.
- 5 Methods for the Organic Chemical Analysis of Municipal and Industrial Wastewater. Appendix A, Part 136, 40 CFR (Code of Federal Regulations).
- 14 Methods for the Determination of Organic Compounds in Finished Drinking Water and Raw Source Water. EPA/600/4-88/039, Revised July 1991.
- 19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.
- 74 Method 1664, Revision A: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-98-002, February 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

Last revised April 15, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility

EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.

EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.

EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.

EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, Tl; **EPA 200.7:** Ba, Be, Ca, Cd, Cr, Cu, Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO₃-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.

Non-Potable Water

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Tl, Zn;

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, Ti, Tl, V, Zn;

EPA 245.1, SM4500H-B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC,

SM426C, SM4500NH₃-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO₃-F,**

EPA 353.2: Nitrate-N, **SM4500NH₃-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4,**

SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables); **EPA 600/4-81-045:** PCB-Oil.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L1427812

HALEY & ALDRICHHaley & Aldrich, Inc.
465 Medford St.,
Suite 2200,
Boston, MA 02129-1400**CHAIN OF CUSTODY RECORD**Phone (617) 886-7400
Fax (617) 886-7600

Page 1 of 1

H&A FILE NO. 40605-003
PROJECT NAME 6 New St. East Boston, MA
H&A CONTACT Lee VanzlerLABORATORY Alpha
ADDRESS Westborough, MA
CONTACT Gina HallDELIVERY DATE 11/18/14
TURNAROUND TIME Standard
PROJECT MANAGER Lee Vanzler

Sample No.	Date	Time	Depth	Type	Analysis Requested												Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
					①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫		
HA14-A1	11/18/14	1335	-	Ag	X	X	X	X	X	X	X	X	X	X	X	X	18	Laboratory to use applicable DEP CAM methods, unless otherwise ① VOC 8260-SIM directed. ② TOTO-SIM (8270-SIM), 8270 ③ TOTAL METALS ④ PCBs-608 ⑤ TCN ⑥ CI, TRC ⑦ TPH-1664 ⑧ Phenol ⑨ Hexachrome ⑩ TSS ⑪ 504 ⑫ Dissolved Metals * = HOLD
OK MTD DO NOT RUN REMOVED FROM SUITE																		

Sampled and Relinquished by		Received by		LIQUID												Sampling Comments	
Sign <u>Matthew Dodson</u>	Sign <u>M. W. ...</u>	Print <u>Matthew Dodson</u>	Print <u>M. W. ...</u>	X	X	X	X	X	X	X	X	X	X	X	X	VOA Vial	<u>Amold</u> - call L. Vanzler <u>AA</u> TB01 - 8260 TB02 - 8260 - SIM
Firm <u>Haley & Aldrich</u>	Firm <u>H&A</u>	Date <u>11/18/14</u>	Time <u>1630</u>	X	X	X	X	X	X	X	X	X	X	X	X	Amber Glass	
Date <u>11/18/14</u>	Date <u>11/18/14</u>	Time <u>1630</u>	Time <u>1630</u>	X	X	X	X	X	X	X	X	X	X	X	X	Plastic Bottle	
Relinquished by	Received by			X	X	X	X	X	X	X	X	X	X	X	X	Preservative	
Sign <u>M. W. ...</u>	Sign <u>Joshua ...</u>	Print <u>M. W. ...</u>	Print <u>Joshua ...</u>	40	1L	250	1L	250	500	1L	500	500	1L	40	250	Volume	NPDES metals Total Hg, Ag, As, Cd, Cr, Cu, Ni, Pb, Sb, Se, Zn, Fe
Print <u>M. W. ...</u>	Print <u>Joshua ...</u>	Firm <u>H&A</u>	Firm <u>Alpha</u>													VOA Vial	
Date <u>11/18/14</u>	Date <u>11/18/14</u>	Time <u>1630</u>	Time <u>1630</u>													Amber Glass	
Relinquished by	Received by															Clear Glass	
Sign <u>J. MAEIN</u>	Sign <u>Elizabeth ...</u>	Print <u>J. MAEIN</u>	Print <u>Elizabeth ...</u>													Preservative	Evidence samples were tampered with? YES NO If YES, please explain in section below.
Date <u>11/18/14</u>	Date <u>11/18/14</u>	Time <u>1630</u>	Time <u>1630</u>													Volume	
				PRESERVATION KEY													
				A Sample chilled C NaOH E H ₂ SO ₄ G Methanol <u>I = Na₂S₂O₃</u>													
				B Sample filtered <u>D</u> HNO ₃ F HCL H Water/NaHSO ₄ (circle)													

Presumptive Certainty Data Package (Laboratory to use applicable DEP CAM methods)

If Presumptive Certainty Data Package is needed, initial all sections:

The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.

Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

This Chain of Custody Record (specify) includes ☒ does not include samples defined as Drinking Water Samples.

If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as appropriate. Laboratory should (specify if applicable) analyze

Required Reporting Limits and Data Quality Objectives

- | | | |
|---------------------------------|-----------------------------|---|
| ☐ RC-S1 | ☐ S1 | ☐ GW1 |
| ☐ RC-S2 | ☐ S2 | ☒ GW2 |
| ☐ RC-GW1 | ☐ S3 | ☐ GW3 |
| ☐ RC-GW2 | | |

CHAIN OF CUSTODY RECORD

Phone (617) 886-7400
Fax (617) 886-7600

Page 1 of 1

H&A FILE NO. 40605-003
PROJECT NAME 6 New St. East Boston, MA
H&A CONTACT Lee VanzlerLABORATORY Alpha
ADDRESS Westborough, MA
CONTACT Gina HallDELIVERY DATE 11/18/14
TURNAROUND TIME Standard
PROJECT MANAGER Lee Vanzler

Sample No.	Date	Time	Depth	Type	Analysis Requested												Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
					①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫		
HA14-A1	11/18/14	1335	-	Ag	X	X	X	X	X	X	X	X	X	X	X	X	18	Laboratory to use applicable DEP CAM methods, unless otherwise ① VOC 8260-SIM directed. ② TOTO-SIM (8270-SIM) ③ TOTAL METALS ④ PCBs-608 ⑤ TCN ⑥ CI, TRC ⑦ TPH-1664 ⑧ Phenol ⑨ HexChrom ⑩ TSS ⑪ 504 ⑫ Dissolved Metals * = HOLD
OK MTD DO NOT RUN REMOVED FROM SUITE																		

Sampled and Relinquished by		Received by		LIQUID												Sampling Comments	
Sign <u>[Signature]</u>	Sign <u>M. Vanzler</u>	Print <u>Matthew Dodson</u>	Print <u>M. Vanzler</u>	X								X				VOA Vial	<u>Artold - call L. Vanzler</u>
Firm <u>Haley & Aldrich</u>	Firm <u>H&A</u>	Date <u>11/18/14</u>	Time <u>1630</u>	X	X	X		X	X			X				Amber Glass	
						X		X	X			X	X		X	Plastic Bottle	<u>TA T301 - 8260</u> <u>TE02 - 8260 - SIM</u>
				A	F	A	D	A	I	A	C	A	A	F	A	E	
				40	1L	250	1L	250	500	1L	500	500	1L	40	250	Volume	
Relinquished by		Received by		SOLID													
Sign <u>M. Vanzler</u>	Sign <u>[Signature]</u>	Print <u>M. Vanzler</u>	Print <u>J. Mason</u>													VOA Vial	
Firm <u>Alpha</u>	Firm <u>Alpha</u>	Date <u>11/18/14</u>	Time <u>1630</u>													Amber Glass	
																Clear Glass	
																Preservative	
																Volume	
Relinquished by		Received by		PRESERVATION KEY												Evidence samples were tampered with? YES NO	
Sign <u>J. Mason</u>	Sign <u>Elizabeth Run</u>	Print <u>J. Mason</u>	Print <u>Elizabeth Run</u>													If YES, please explain in section below.	
Firm <u>Alpha</u>	Firm <u>Alpha</u>	Date <u>11/18/14</u>	Time <u>1805</u>	A	Sample chilled	C	NaOH	E	H ₂ SO ₄	G	Methanol	I	Na ₂ S ₂ O ₃				
				B	Sample filtered	D	HNO ₃	F	HCL	H	Water/NaHSO ₄ (circle)						

If Presumptive Certainty Data Package is needed, initial all sections:

The required minimum field QC samples, as designated in BWSC CAM-VII have been or will be collected, as appropriate, to meet the requirements of Presumptive Certainty.

Matrix Spike (MS) samples for MCP Metals and/or Cyanide are included and identified herein.

☒ This Chain of Custody Record (specify) _____ includes ☒ does not include samples defined as Drinking Water Samples.

If this Chain of Custody Record identifies samples defined as Drinking Water Samples, Trip Blanks and Field Duplicates are included and identified and analysis of TICs are required, as appropriate. Laboratory should (specify if applicable) _____ analyze

Required Reporting Limits and Data Quality Objectives

☐ RC-S1 ☐ S1 ☐ GW1
☐ RC-S2 ☐ S2 ☒ GW2
☐ RC-GW1 ☐ S3 ☐ GW3
☐ RC-GW2