UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 1
5 Post Office Square, Suite 100
BOSTON, MA 02109-3912

CERTIFIED MAIL RETURN RECEIPT REQUESTED

MAR 25 2015

Thomas J. Walsh
Project Manager
Bond Brothers
145 Spring Street
Everett, MA 02149

Re: Authorization to discharge under the Remediation General Permit (RGP) – MAG910000. Massachusetts Institute of Technology (MIT), Area 5 and Proposed Central Utility Plant (CUP), sites located on MIT Campus (behind MIT building 44 and 50 Albany Street respectively), in Cambridge, MA, Middlesex County; Authorization # MAG910670

Dear Mr. Walsh:

Based on the review of a Notice of Intent (NOI) submitted by Sandhya N. Potana from Haley & Aldrich on behalf of MIT for the site referenced above, the U.S. Environmental Protection Agency (EPA) hereby authorizes you, as the named 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 which your consultant marked "Believed Present". Group I and group II list of polycyclic aromatic hydrocarbons (PAHs) were also included due to their historic presence at the site.

Also, please note that the metals included on the checklist are dilution dependent pollutants and subject to limitations based on a dilution factor range (DFR), due to the ample dilution at the point of discharge (71.3) the DFR applicable for this pollutant is within a dilution range greater than fifty to one hundred (>50-100) established in the RGP. (See the RGP Appendix IV for Massachusetts facilities). Therefore, the limit for antimony of 141 ug/L, arsenic of 500 ug/L, cadmium of 10 ug/L, trivalent chromium of 1,710 ug/L, copper of 260 ug/L, lead of 66 ug/L, zinc of 1,480 ug/L and iron of 5,000 ug/L, shall not be exceeded in the discharge.

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 general permit and authorization to discharge will expire on September 9, 2015. You have reported that this project will terminate on March 15, 2017. Please be advised that in order for the site to continue discharging after the expiration date indicated above your consultant must seek a permit reissuance. A reapplication and reissuance notice will be posted on the EPA website after the EPA permit is reissued. Also, you are required to submit a notice of termination (NOT) to the attention of the contact person indicated above within 30 days of project completion.

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

Thelma Murphy, Chief
Storm Water and Construction
Permits Section

Enclosure

cc: Robert Kubit, MassDEP
Lisa Peterson, Cambridge DPW
Sandhya N. Potana, Haley & Aldrich

	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
√	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/ML5ug/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/ML5ug/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 parameter	**Total Recoverable Metal Limit @ H [10]= 50 mg/l CaCO3 for discharges in Massachusetts (ug/l) [11/12]**		**Minimum level=ML**	
		Freshwater			
√	39. Antimony	141		ML	10
√	40. Arsenic **	500		ML	20
√	41. Cadmium **	10			10
√	42. Chromium III (trivalent) **	1,710			15
	43. Chromium VI (hexavalent) **	11.4		ML	10
√	44. Copper **	260		ML	15

2010 Remediation General Permit
Summary of Monitoring Parameters[1]

NPDES Authorization Number:	**MAG910670**
Authorization Issued:	March, 2015
Facility/Site Name:	MIT AREA 5 and Proposed Central Utility Plant
Facility/Site Address:	On MIT Campus (sites behind building 44 and on 50 Albany Street respectively)
	Email address of owner: buillv@MIT.EDU
Legal Name of Operator:	BOND BROTHERS
Operator contact name, title, and Address:	Thomas J. Walsh, Project Manager; Phone: 617 8747059
	Email: NOT Provided
Estimated date of The Project Completion:	March 15, 2017
Category and Sub-Category:	Category III. Contaminated Construction Dewatering. Subcategory A. Urban Fill Sites.
RGP Termination Date:	September 2015
Receiving Water:	Charles River

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

	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)
√	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

√	45. Lead **	66		ML	20
	46. Mercury **	0.9		ML	0.2
	47. Nickel **	29		ML	20
	48. Selenium **	5		ML	20
	49. Silver	1.2		ML	10
√	50. Zinc **	1,480		ML	15
√	51. Iron	5,000		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:

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 x 1,000ug/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 x 2 =2,000 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

Haley & Aldrich, Inc.
465 Medford St.
Suite 2200
Boston, MA 02129
617.886.7400

2 March 2015
File No. 35184-300

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

Attention: Remediation General Permit NOI Processing

Subject: Notice of Intent (NOI)
Temporary Construction Dewatering
Massachusetts Institute of Technology
Area 5 and Proposed Central Utility Plant
50 Albany Street
Cambridge, Massachusetts

Ladies and Gentlemen:

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 construction dewatering is planned in support of: a) construction activities at the proposed Massachusetts Institute of Technology (MIT) Central Utility Plant (CUP) at 50 Albany Street and b) steam line replacement activities in Area 5. The project sites are located on MIT campus in Cambridge, Massachusetts, as shown on Figure 1 – Project Locus. The property owner is the MIT.

MIT CAMPUS SITE HISTORY

Historic maps indicate the area of land now occupied by the MIT campus was previously marshland in the Charles River Basin. Plans to fill and develop this portion of the marshland began as early as 1840 with the acquisition of titles to the land and culminated in 1881 with the incorporation of the Charles River Embankment Company, created to combine several private interests in developing the land. Site filling began with the construction of a portion of a granite sea wall in 1883. Historic reports indicate the material used for site filling consisted primarily of silt with sand and frequently containing shells, dredged from the bed of the Charles River. Additionally, sand, gravel, ashes and other city waste were used for filling. By 1899, filling of the entire future MIT campus had been completed. MIT purchased the land in 1912 and began construction of the main campus buildings in 1913. Construction of the main campus buildings was completed by 1916 at which time the school moved across the Charles River from its original Back Bay campus location.

PROPOSED CONSTRUCTION

The site of the proposed MIT CUP is currently an asphalt-paved surface parking lot. The planned site development includes construction of a cogeneration plant to produce electrical and thermal power by utilizing waste heat from a gas turbine.

The utility work in Area 5 includes removing and replacing pipes that are part of the steam system that runs from the area behind MIT Building 44, under the railroad tracks, to the northeast corner of the MIT CUP site.

REGULATORY BACKGROUND

The MIT CUP site is subject to an Activity and Use Limitation (AUL) associated with RTNs 3-10471 and 3-28424. Results of the soil analytical testing conducted by Haley & Aldrich in December 2014 indicate the presence of total petroleum hydrocarbons (TPH), semi-volatile organic compounds (SVOCs), and metals (lead, antimony, and zinc) in site soil at concentrations exceeding the applicable MCP RCS-1 Reportable Concentrations. Since the site has an AUL, soil management and dewatering activities at the site will be conducted under a Release Abatement Measure (RAM) Plan. The RAM Plan will be filed with the MassDEP prior to commencement of proposed construction activities in accordance with the 310 CMR 40.442 (3) and 310 CMR 40.0444.

The site of Area 5 is currently not an MCP Disposal Site.

TEMPORARY CONSTRUCTION DEWATERING NOTICE OF INTENT

In support of the NOI, one groundwater sample was collected from observation well (designated HA15-06(OW)) on 19 December 2014. The collected groundwater sample was submitted to Alpha Analytical, Inc. of Westborough, Massachusetts (Alpha Analytical) for analysis for NPDES Category III Contaminated Construction Dewatering Permit parameters including VOCs, SVOCs, PAHs, total metals, dissolved metals, TPH, pesticides, PCBs, Total Suspended Solids (TSS), chloride, total cyanide, total phenolics and total residual chlorine. Another groundwater sample was collected on 25 February 2015 and submitted for analysis of dissolved metals. The results of water quality testing conducted for this NOI are summarized in Table I. The location of the observation well HA14-06(OW) is shown on Figure 3.

Dewatering will be conducted from sumps or wells located inside the proposed development area. Dewatering is necessary to control groundwater, seepage, precipitation, and surface water runoff and construction-generated water to enable below-grade construction activities in-the-dry. Construction activities are scheduled to begin late March 2015. Construction dewatering effluent will be recharged on-site to the extent possible.

Prior to discharge under this NOI, collected water will be routed through a sedimentation tank and/or bag filters, at a minimum, to remove suspended solids and undissolved metals. Supplemental pretreatment may be required to meet discharge criteria as shown in the Proposed Treatment System Schematic included in Figure 4. Supplemental pretreatment may include Oil/Water Separators, Ion

Exchange, granular activated carbon, and/or other treatment technologies as required to meet the NPDES discharge criteria. Treated construction dewatering effluent under this RGP NOI will be pumped through piping and catch basins located near the sites to storm drain along Massachusetts Avenue that discharges directly into the Charles River. The proposed discharge route is shown on Figure 5, Proposed Dewatering Discharge Route.

APPENDICES

The completed "Suggested Notice of Intent" (NOI) form as provided in the RGP is enclosed in Appendix A. The site operator is Bond Brothers (Bond). Bond is the construction manager and will hire a subcontractor to conduct the Site work, including the dewatering activities. Haley & Aldrich, Inc. (Haley & Aldrich) will monitor the Contractor's dewatering activities on behalf of MIT. In accordance with the requirements for this NOI submission, MIT as owner and Bond as the construction manager are listed as co-permittees for this NPDES RGP, and therefore both have signed the NOI form.

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 includes National Register of Historic Places and Endangered Species Act Documentation, respectively. Appendix E provides the City of Cambridge Permit Application to be submitted separately to the City of Cambridge DPW. A copy of the groundwater testing laboratory reports are provided in Appendix F.

DILTUION FACTOR

A Dilution Factor (DF) was calculated for the detected levels of total metals greater than the applicable effluent limits. The DF is applicable to arsenic, cadmium, iron, lead and zinc, and the calculated DF was used to find the appropriate Dilution Range concentrations for these metals. The DF was calculated using the following equation:

$$DF = (Qd + Qs)/Qd$$

where Qd is the maximum discharge flow rate, assumed to be 300 gallons per minute (GPM) or approximately 0.67 cubic feet per second (cfs), and Qs is the receiving water flow rate, minimum for 7 consecutive days with a recurrence interval of 10 years, assumed to be 46.44 cfs based on data collected by the United States Geological Survey (USGS) and published in the "Clean Charles 2005 Water Quality Report, 2003 Core Monitoring Report" prepared by the US EPA Office of Environmental Measurement and Evaluation dated November 2004. Using these assumed values, the DF is equal to 70.32. According to Appendix IV of the Remediation General Permit, the ceiling limitations for the calculated dilution factor for arsenic, cadmium, iron, lead, and zinc are 500 µg/L, 10 ug/l, 5,000 ug/l, 66 ug/l, and 1,480 ug/l respectively. If testing of the dewatering effluent indicates that the arsenic, cadmium, iron, lead, and/or zinc exceed these ceiling limitations, pretreatment of the dewatering effluent may include an ion exchange unit or other technology to remove dissolved metals as shown on Figure 4.

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.

Sandhya N. Potana
Project Manager

Joel S. Mooney, P.E., LSP
Principal Consultant | Senior Vice President

Attachments:

Table I - Summary of Groundwater Quality Data
Figure 1 - Site Locus
Figure 2 – Site Location Plan
Figure 3 – Monitoring Well Location Plan
Figure 4 - Proposed Treatment System Schematic
Figure 5 - Proposed Dewatering Discharge Route

Appendix A - Notice of Intent (NOI) for Remediation General Permit (RGP)
Appendix B - Best Management Practices Plan (BMPP)
Appendix C - National Register of Historic Places and Massachusetts Historical Commission Documentation
Appendix D - Endangered Species Act Documentation
Appendix E – BWSC Permit Application
Appendix F – Laboratory Data Reports

c: MIT Utilities Department: Vaughn Crayton
MIT EH&S: Phyllis Carter
Bond Brothers: Paul Wilkins
RMF Engineering, Inc.: Stephen Pollard, John Willamson, Elizabeth Nolder
R.G. Vanderweil Engineers, LLP: Shaun Dwyer

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TABLES

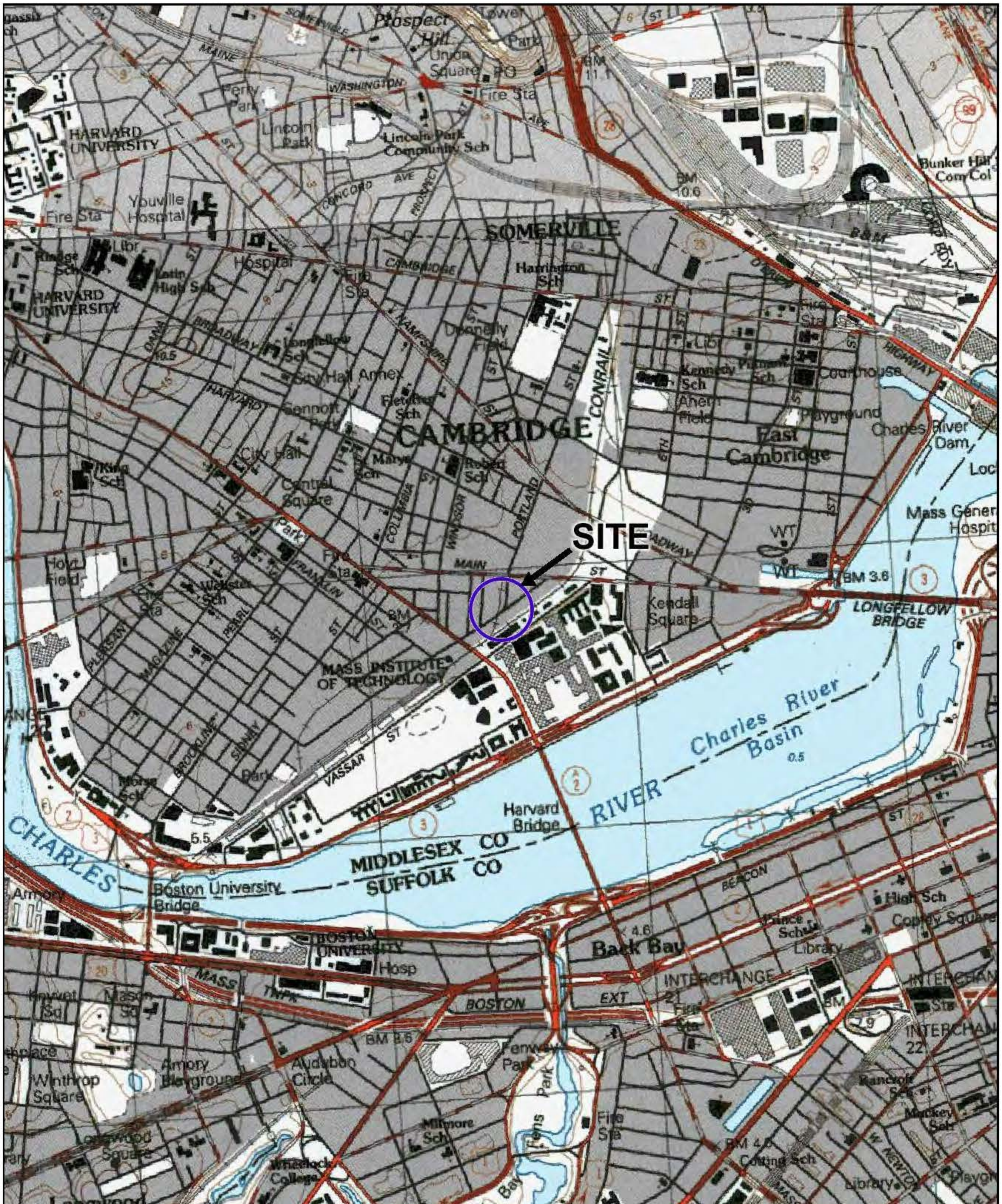
TABLE I
SUMMARY OF GROUNDWATER QUALITY DATA
MIT CENTRAL UTILITY PLANT & AREA 5
MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)
CAMBRIDGE, MASSACHUSETTS
FILE NO. 35184-215/300

SAMPLE DESIGNATION **SAMPLING DATE** **LAB SAMPLE ID** **SAMPLE TYPE**	MCP 2014 RCGW-2 Reportable Concentrations (ug/l)	NPDES RGP Category III Freshwater Criteria	NPDES RGP EFFLUENT LIMITS >50 - 100 DF	**HA14-6 (OW)-1** **12/19/2014** **L1430777-01, R1** **Groundwater**	**HA14-6 (OW)-3** **2/25/2015** **L1503581-01** **Groundwater**
VOCs (ug/l)					
Total VOCs (ug/l)	NA	NA	-	ND	-
SVOCs by GC/MS (ug/l)					
Total SVOCs by GC/MS	NA	NA	-	ND	-
SVOCs by GC/MS-SIM (ug/l)					
Naphthalene	1000	-	-	0.57	-
Phenanthrene	10000	-	-	0.42	-
Total SVOCs by GC/MS-SIM(ug/l)	NA	NA	-	0.99	-
Microextractables (ug/l)					
1,2-Dibromoethane	2	0.05	-	ND(0.005)	-
1,2-Dibromo-3-chloropropane	1000	NA	-	ND(0.005)	-
TPH (ug/l)	5000	5000	-	ND(2000)	-
Total metals (ug/l)					
Antimony, Total	8000	5.6	141	ND(1.25)	-
Arsenic, Total	900	10	500	16	-
Cadmium, Total	4	0.2	10	1.3	-
Chromium, Total	300	48.8	1710	2.7	-
Copper, Total	100000	5.2	260	4.8	-
Iron, Total	NA	1000	5000	16000	-
Lead, Total	10	1.3	66	**108.5**	-
Mercury, Total	20	0.9	2.3	ND(0.1)	-
Nickel, Total	200	29	1451	4.8	-
Selenium, Total	100	5	250	ND(2.5)	-
Silver, Total	7	1.2	57	ND(0.2)	-
Zinc, Total	900	66.6	1480	265.2	-
Dissolved Metals (ug/l)					
Antimony, dissolved	8000	5.6	141	-	ND(25)
Arsenic, dissolved	900	10	500	-	ND(2.5)
Cadmium, dissolved	4	0.2	10	-	ND(2)
Chromium, dissolved	300	48.8	1710	-	ND(5)
Copper, dissolved	100000	5.2	260	-	ND(5)
Iron, Dissolved	NA	1000	5000	-	220
Lead, Dissolved	10	1.3	66	-	**10**
Mercury, Total	20	0.9	2.3	-	ND(0.1)
Nickel, Total	200	29	1451	-	ND(12.5)
Selenium, Total	100	5	250	-	ND(5)
Silver, Total	7	1.2	57	-	ND(3.5)
Zinc, Dissolved	900	66.6	1480	-	ND(25)
PCBs (ug/l)					
Aroclor 1016	5	NA	-	ND(0.125)	-
Aroclor 1221	5	NA	-	ND(0.125)	-
Aroclor 1232	5	NA	-	ND(0.125)	-
Aroclor 1242	5	NA	-	ND(0.125)	-
Aroclor 1248	5	NA	-	ND(0.125)	-
Aroclor 1254	5	NA	-	ND(0.125)	-
Aroclor 1260	5	NA	-	ND(0.1)	-
Total PCBs (ug/l)	NA	0.000064	-	ND	-
General Chemistry (ug/l)					
Solids, Total Suspended	NA	30000	-	52000	-
Chromium, Hexavalent	300	11.4	570	ND(5)	-
Chloride	NA	Monitor only	-	4810000	-
Cyanide, Total	30	5.2	-	ND(2.5)	-
Cyanide, Amenable	30	NA	-	ND(5)	-
Cyanide, Physiologically Available	30	NA	-	ND(2.5)	-
Chlorine, Total Residual	NA	11	-	ND(10)	-
Phenolics, Total	NA	300	-	ND(15)	-

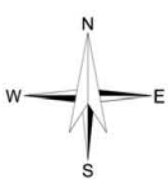
ABBREVIATIONS:
VOCs : Volatile Organic Compounds
SVOCs: Semi-Volatile Organic Compounds
TPH: Total Petroleum Hydrocarbons
PCBs: Polychlorinated Biphenyls
NA: Not applicable
- : Not analyzed
ND(2.5): Not detected; number in parentheses is one-half the laboratory reporting limit.

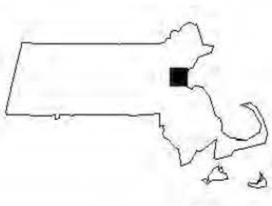
NOTES:
1. This table includes only those compounds detected on the dates indicated.
2. Bold values indicate that detected values exceed MCP RCGW-2 Criteria.

FIGURES



SITE COORDINATES:42°21'42"N 71°5'38"W





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

HALEY & ALDRICH

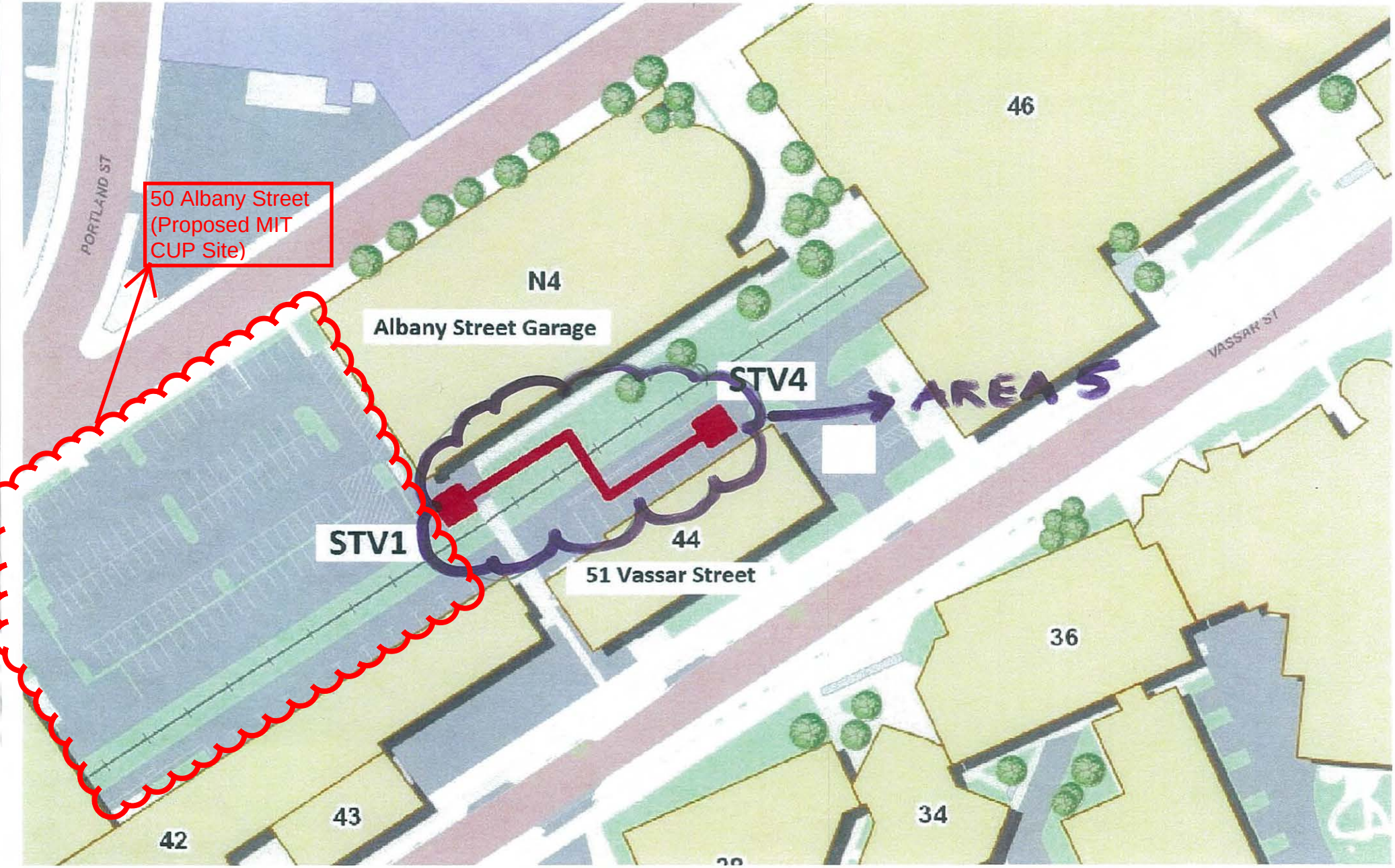
MASSACHUSETTS INSTITUE OF TECHNOLOGY
CAMBRIDGE, MASSACHUSETTS

PROJECT LOCUS

SCALE: 1:24,000
JANUARY 2015

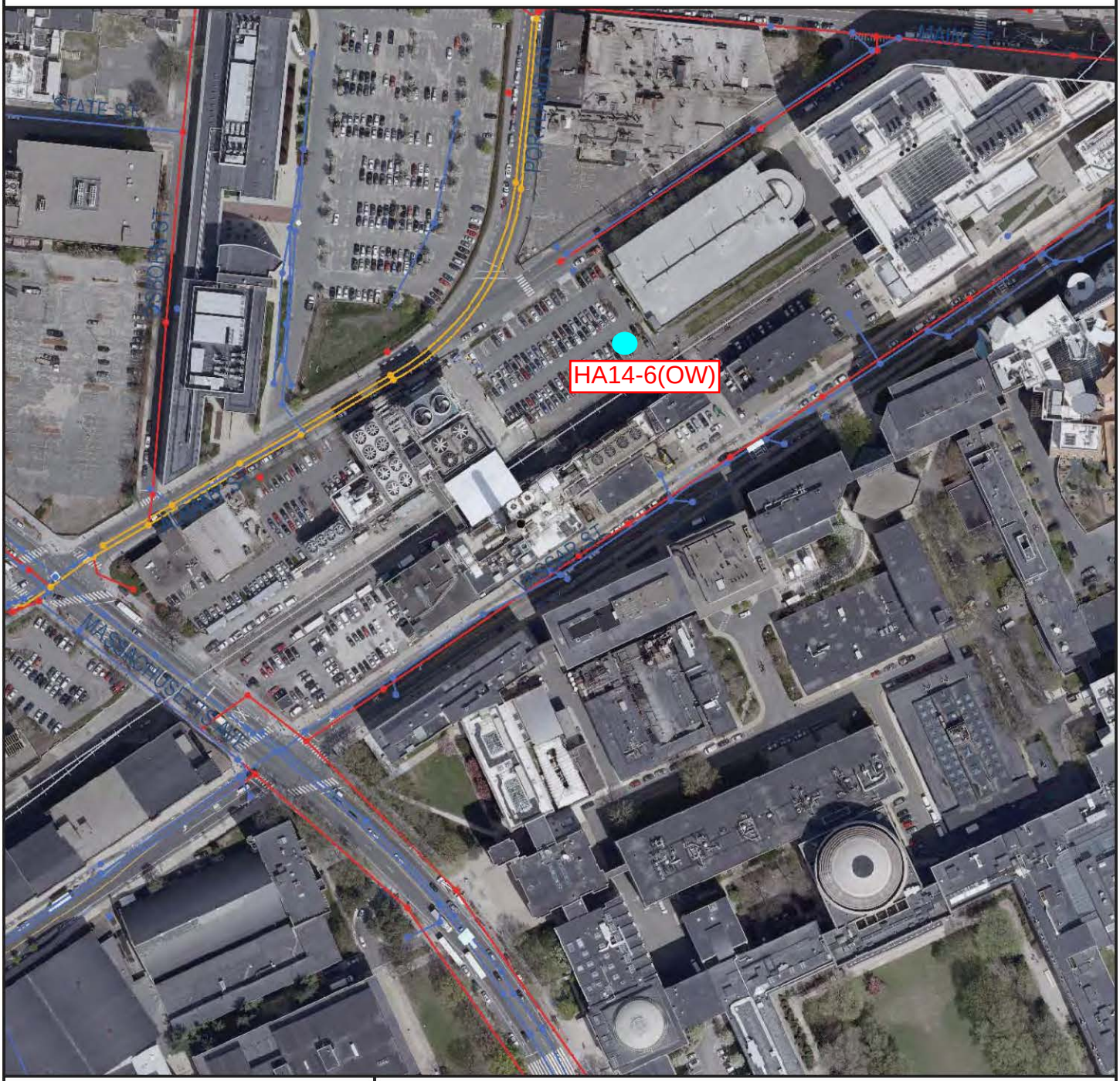
FIGURE 1

35184-000 1.PDF



SITE LOCATION PLAN

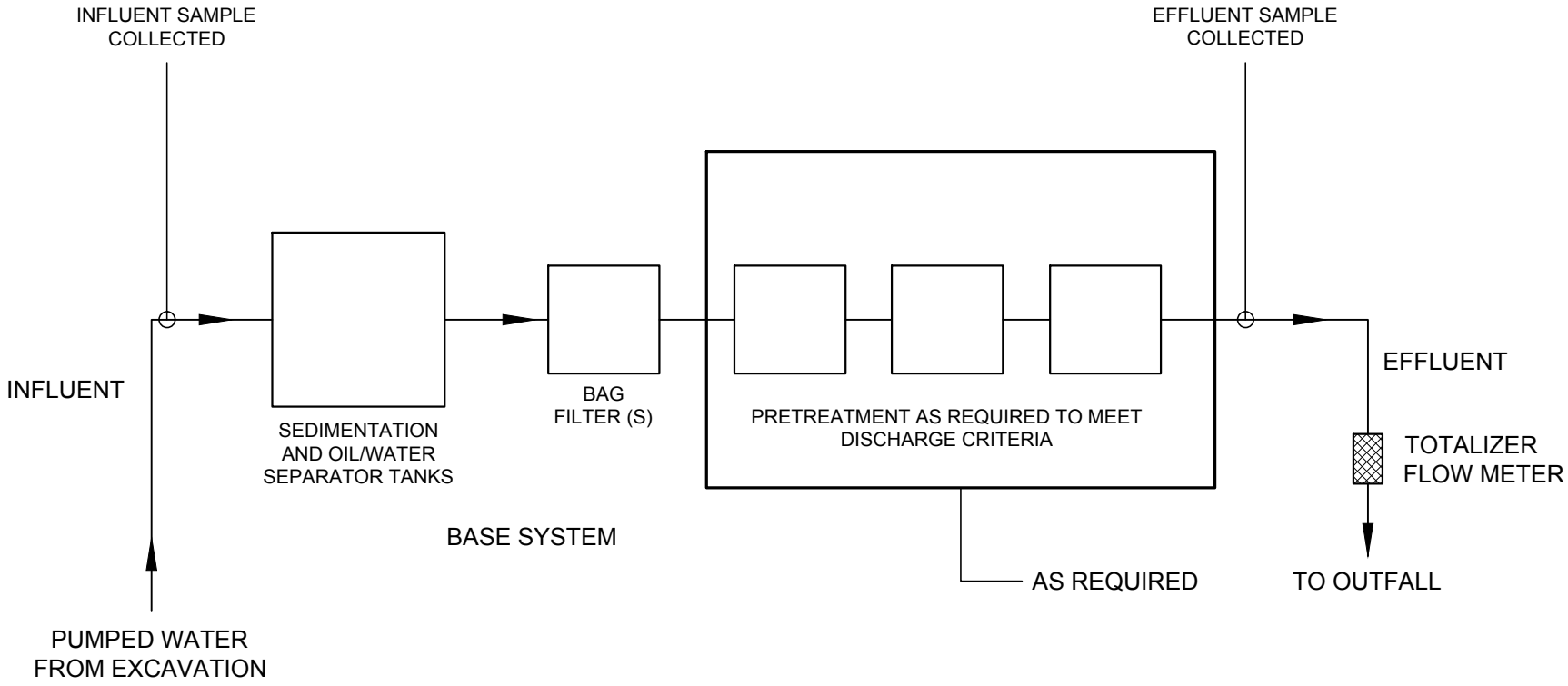
FIGURE 2



City of Cambridge
Massachusetts

1" = 196 ft

FIGURE 3 - MONITORING WELL LOCATION PLAN



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.

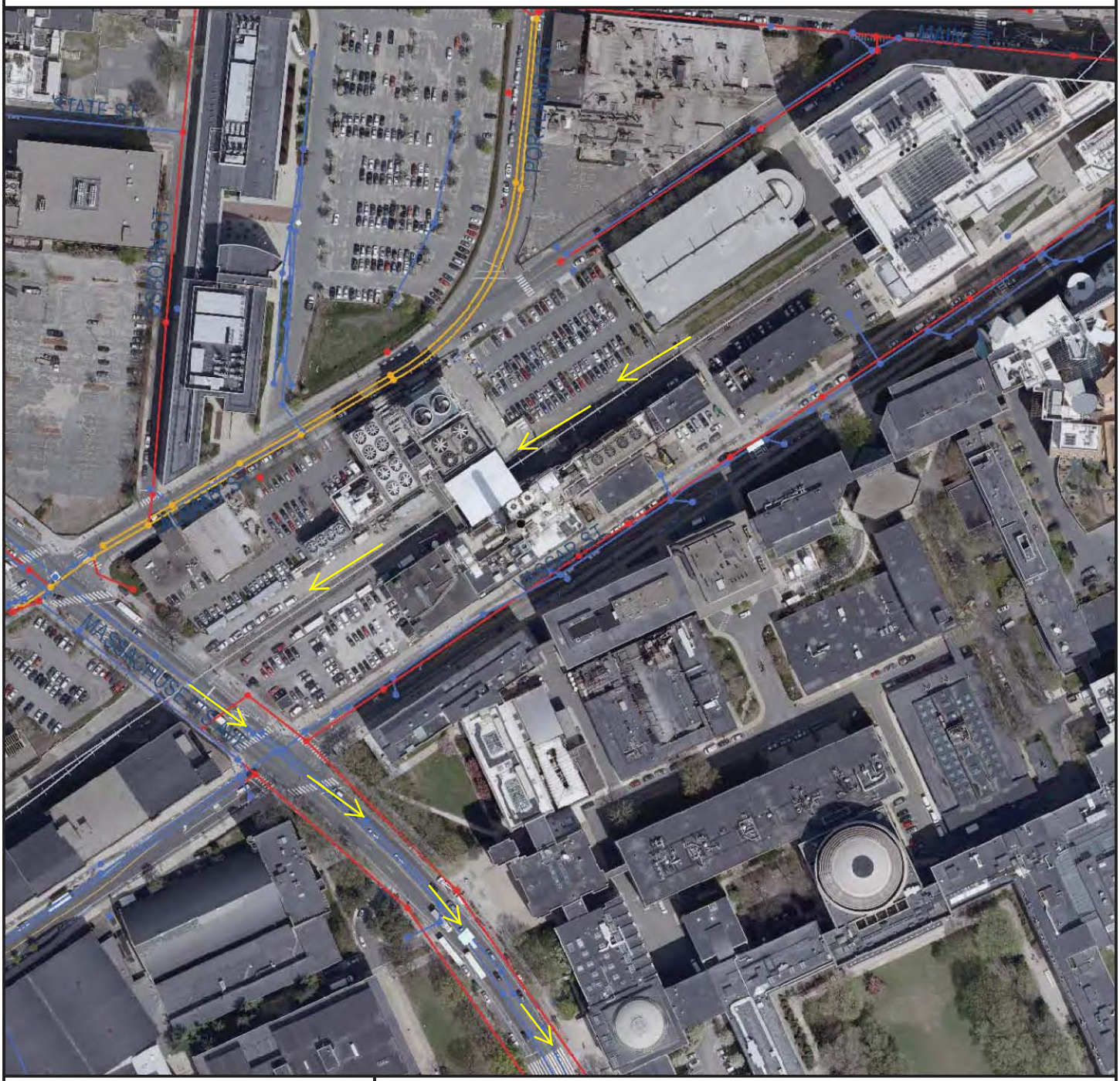
HALEY & ALDRICH

MIT CENTRAL UTILITY PLANT (CUP) & AREA 5
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
CAMBRIDGE, MASSACHUSETTS

PROPOSED TREATMENT SYSTEM SCHEMATIC

SCALE: NONE
JANUARY 2015

FIGURE 4



City of Cambridge
Massachusetts

1" = 196 ft

FIGURE 5 - PROPOSED DEWATERING DISCHARGE ROUTE

LEGEND

FIGURE 5 - PROPOSED DEWATERING DISCHARGE ROUTE

City of Cambridge
Massachusetts

1" = 214 ft

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**: MIT CUP and Area 5		**Facility/site** mailing address:		
Location of **facility/site**: longitude: -71.092940 latitude: 42.361649	Facility SIC code(s): A221	Street: 50 Albany Street; & Area 5 (located behind MIT Building 44 immediately adjacent to the 50 Albany Street site)		
b) Name of **facility/site owner:** MIT - EH&S		Town: Cambridge		
Email address of facility/site owner: billv@MIT.EDU		State: MA	Zip: 02139-0000	County: Middlesex
Telephone no. of facility/site **owner**: (617) 253-9492				
Fax no. of facility/site **owner**: NA		**Owner** is (check one): 1. Federal ○ 2. State/Tribal ○ 3. Private ○ 4. Other ◉ if so, describe:		
Address of **owner** (if different from site):		Institution		
Street: MIT EHS Office, N52-496 77 Massachusetts Avenue				
Town: Cambridge	State: MA	Zip: 02139	County: Middlesex	
c) Legal name of **operator**:		**Operator** telephone no: 617-874-7059		
Bond Brothers		**Operator** fax no.:	**Operator** email:	
Operator contact name and title: Thomas J. Walsh, Project Manager				
Address of **operator** (if different from owner):	Street: 145 Spring Street			
Town: Everett	State: MA	Zip: 02149	County: USA	

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.

Activity Category	**Activity Sub-Category**
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 during steam line replacement iwork n Area 5 and construction of proposed MIT Cogeneration Plant.

b) Provide the following information about each discharge:

1) Number of discharge points: up to 8

2) What is the **maximum** and **average flow rate** of discharge (in cubic feet per second, ft^3/s)?
Max. flow: 0.67 Is maximum flow a **design value**? Y ○ N ◉
Average flow (include units) 0.33 cfs Is average flow a design value or estimate? estimate

3) Latitude and longitude of each discharge within 100 feet:
pt.1: lat. 42 deg 21 m 40.5 s long. 71 deg 5 min 34.6 s pt.2: lat. 42 deg 21 m 37.5 s long. 71 deg 5 min 42.1 s;
pt.3: lat. 42 deg 21 m 37.9 s long. 71 deg 5 min 41.2 s pt.4: lat. 42 deg 21 m 37.1 s long. 71 deg 5 min 42.0 s;
pt.5: lat. 42 deg 21 m 37.6 s long. 71 deg 5 min 39.8 s pt.6: lat. 42 deg 21 m 37.6 s long. 71 deg 5 min 43.3 s;
pt.7: lat. 42 deg 21 m 37.6 s long. 71 deg 5 min 39.9 s pt.8: lat. _____ long. _____; etc.

4) If hydrostatic testing, total volume of the discharge (gals): N/A

5) Is the discharge intermittent ◉ or seasonal ○?
Is discharge ongoing? Y ○ N ◉

c) Expected dates of discharge (mm/dd/yy): start 3/15/2015 end 3/15/2017

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 Figure 5

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.

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
								concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
1. Total Suspended Solids (TSS)		☐	☒	1	grab	30,2540D	5000	52000		52000	
2. Total Residual Chlorine (TRC)		☒	☐	1	grab	30,4500CL-D	20	ND		ND	
3. Total Petroleum Hydrocarbons (TPH)		☒	☐	1	grab	74,1664A	4000	ND		ND	
4. Cyanide (CN)	57125	☒	☐	1	grab	30,4500CN-G	5	ND		ND	
5. Benzene (B)	71432	☒	☐	1	grab	1,8260C	0.5	ND		ND	
6. Toluene (T)	108883	☒	☐	1	grab	1,8260C	0.75	ND		ND	
7. Ethylbenzene (E)	100414	☒	☐	1	grab	1,8260C	0.5	ND		ND	
8. (m,p,o) Xylenes (X)	108883; 106423; 95476; 1330207	☒	☐	1	grab	1,8260C	1	ND		ND	
9. Total BTEX [2]	n/a	☒	☐	1	grab	1,8260C	NA	ND		ND	
10. Ethylene Dibromide (EDB) (1,2-Dibromoethane) [3]	106934	☒	☐	1	grab	1,8260C	2	ND		ND	
11. Methyl-tert-Butyl Ether (MtBE)	1634044	☒	☐	1	grab	1,8260C	1	ND		ND	
12. tert-Butyl Alcohol (TBA) (Tertiary-Butanol)	75650	☒	☐	1	grab	1,8260C	2	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.

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

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
								concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
28. Vinyl Chloride (Chloroethene)	75014	☒	☐	1	grab	1,8260C	1	ND		ND	
29. Acetone	67641	☒	☐	1	grab	1,8260C	5	ND		ND	
30. 1,4 Dioxane	123911	☒	☐	1	grab	1,8260C-SIM(M)	3	ND		ND	
31. Total Phenols	108952	☒	☐	1	grab	1,8260D	ND	ND		ND	
32. Pentachlorophenol (PCP)	87865	☒	☐	1	grab	1,8260D-SIM	0.8	ND		ND	
33. Total Phthalates (Phthalate esters) [4]		☒	☐	1	grab	1,8260D	NA	ND		ND	
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	117817	☒	☐	1	grab	1,8260D	3	ND		ND	
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)		☒	☐	1	grab	NA	NA	ND		ND	
a. Benzo(a) Anthracene	56553	☒	☐	1	grab	1,8260D-SIM	0.2	ND		ND	
b. Benzo(a) Pyrene	50328	☒	☐	1	grab	1,8260D-SIM	0.2	ND		ND	
c. Benzo(b)Fluoranthene	205992	☒	☐	1	grab	1,8260D-SIM	0.2	ND		ND	
d. Benzo(k)Fluoranthene	207089	☒	☐	1	grab	1,8260D-SIM	0.2	ND		ND	
e. Chrysene	21801	☒	☐	1	grab	1,8260D-SIM	0.2	ND		ND	
f. Dibenzo(a,h)anthracene	53703	☒	☐	1	grab	1,8260D-SIM	0.2	ND		ND	
g. Indeno(1,2,3-cd) Pyrene	193395	☒	☐	1	grab	1,8260D-SIM	0.2	ND		ND	
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)		☐	☒	1	grab	NA	NA	0.99		0.99	

[4] The sum of individual phthalate compounds.

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
								concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
h. Acenaphthene	83329	☒	☐	1	grab	1,8260D	2	ND		ND	
i. Acenaphthylene	208968	☒	☐	1	grab	1,8260D	2	ND		ND	
j. Anthracene	120127	☒	☐	1	grab	1,8260D	2	ND		ND	
k. Benzo(ghi) Perylene	191242	☒	☐	1	grab	1,8260D	2	ND		ND	
l. Fluoranthene	206440	☒	☐	1	grab	1,8260D	2	ND		ND	
m. Fluorene	86737	☒	☐	1	grab	1,8260D	2	ND		ND	
n. Naphthalene	91203	☐	☒	1	grab	1,8260D	2	0.57		0.57	
o. Phenanthrene	85018	☐	☒	1	grab	1,8260D	2	0.42		0.42	
p. Pyrene	129000	☒	☐	1	grab	1,8260D	2	ND		ND	
37. Total Polychlorinated Biphenyls (PCBs)	85687; 84742; 117840; 84662; 131113; 117817.	☒	☐	1	grab	5,608	0.250	ND		ND	
38. Chloride	16887006	☐	☒	1	grab	44,300.0	100000	4810000		4810000	
39. Antimony	7440360	☒	☐	1	grab	1,6020A	2.5	ND		ND	
40. Arsenic	7440382	☐	☒	1	grab	1,6020A	0.5	16		16	
41. Cadmium	7440439	☐	☒	1	grab	1,6020A	0.2	1.3		1.3	
42. Chromium III (trivalent)	16065831	☐	☒	1	grab	1,6020A	1	2.7		2.7	
43. Chromium VI (hexavalent)	18540299	☒	☐	1	grab			ND		ND	
44. Copper	7440508	☐	☒	1	grab	1,6020A	1	4.8		4.8	
45. Lead	7439921	☐	☒	1	grab	1,6020A	5	108.5		108.5	
46. Mercury	7439976	☒	☐	1	grab	3,245.1	0.2	ND		ND	
47. Nickel	7440020	☐	☒	1	grab	1,6020A	0.5	4.8		4.8	
48. Selenium	7782492	☒	☐	1	grab	1,6020A	5	ND		ND	
49. Silver	7440224	☒	☐	1	grab	1,6020A	0.4	ND		ND	
50. Zinc	7440666	☐	☒	1	grab	1,6020A	10	265.2		265.2	
51. Iron	7439896	☐	☒	1	grab	19,200.7	50	16000		16000	
Other (describe):		☐	☐								

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
								concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
Chloroform	67-66-3	☒	☐	1	grab	1,8260C	0.75	ND		ND	
Dichlorodifluoromethane	75-71-8	☒	☐	1	grab	1,8260C	5	ND		ND	

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

Step 1: 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? Arsenic, Cadmium, Lead, Zinc, Iron
Step 2: 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: Arsenic DF: 70.32 Metal: Cadmium DF: 70.32 Metal: Iron DF: 70.32 Metal: Lead DF: 70.32 Etc. Zinc DF: 70.32	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: Lead and Iron

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 4

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 100-150 gpm Maximum flow rate of treatment system 300 gpm
Design flow rate of treatment system NA 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 located along Vassar Street and Albany Street that ultimately discharge to Charles River. Refer to attached Figure 5

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 46.44 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)?

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:	MIT Central Utility Plant Project and Area 5
Operator signature:	William VanSchalkwyk
Printed Name &Title:	William VanSchalkwyk; MIT Managing Director EHS Programs
Date:	February 20, 2015

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:	MIT Central Utility Plant Project and Area 5
Operator signature:	Thomas Walsh Bond
Printed Name &Title:	Thomas J. Walsh, Project Manager (Bond Brothers)
Date:	2-5-15

APPENDIX B

Best Management Practices Plan (BMPP)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
REMEDIATION GENERAL PERMIT
MIT AREA 5 AND PROPOSED CENTRAL UTILITY PLANT
CAMBRIDGE, 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: a) construction of the proposed Massachusetts Institute of Technology (MIT) Central Utility Plant (CUP) at 50 Albany Street and b) steam line replacement activities in Area 5 located behind MIT Building 44 immediately adjacent to the proposed MIT CUP site. 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 effluent is anticipated to be pumped from well points installed in sump pits within the excavations, through hoses or temporary pipe, and directly into a tank for sedimentation control. The effluent will then flow through any necessary treatment systems and discharge through hoses or temporary piping to catch basins on site that discharge to the Charles River. Dewatering effluent treatment may consist of bag filters, granular activated carbon (GAC), ion exchange, or precipitation, as required.

Discharge Monitoring and Compliance

Regular sampling and testing will be conducted at the influent to the system and 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.

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 on designated uses of surrounding surface water bodies is anticipated. The nearest surface water body is the Charles River, which is approximately 1 city block south of the project site. Dewatering effluent will be pumped to a sedimentation tank and bag filter, at a minimum, prior to discharge to the storm drains.

Management of Treatment System Materials

Dewatering effluent will be pumped directly to the treatment system from the excavations with use of hoses and sumps to minimize handling. The Contractor will establish staging areas for equipment or materials storage that may be possible sources of pollution away from any dewatering activities, to the extent practicable.

Sediment from the fractionization tank used in the treatment system will be characterized and removed from the site to an appropriate receiving facility, in accordance with applicable laws and regulations. If used, granular activated carbon and/or ion exchange resin may be recycled and/or removed from the site to an appropriate receiving facility. Bag filters, if used, will be disposed of as necessary.

Appendix C

National Register of Historic Places and
Massachusetts Historical Commission Documentation

Massachusetts Historical Commission

William Francis Galvin, Secretary of the Commonwealth

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.

Massachusetts Cultural Resource Information System

MACRIS

MACRIS Search Results

Search Criteria: Town(s): Cambridge; Resource Type(s): Area, Building, Structure;

Inv. No.	Property Name	Street	Town	Year
CAM.A	Cambridge Common Historic District		Cambridge	
CAM.B	Lockhart, William L. and Company Coffin Factory		Cambridge	
CAM.C	Blake and Knowles Steam Pump Company		Cambridge	
CAM.D	Fort Washington Historic District		Cambridge	
CAM.E	East Cambridge Historic District		Cambridge	
CAM.F	Winter Street Historic District		Cambridge	
CAM.G	Cambridge Multiple Resource Area		Cambridge	
CAM.H	Lechmere Point Corporation Houses		Cambridge	
CAM.I	Sacred Heart Church, Rectory, School and Convent		Cambridge	
CAM.J	Upper Magazine Street Historic District		Cambridge	
CAM.K	Hastings Square Historic District		Cambridge	
CAM.L	Salem - Auburn Streets Historic District		Cambridge	
CAM.M	Inman Square Historic District		Cambridge	
CAM.N	Old Cambridgeport Historic District		Cambridge	
CAM.O	Norfolk Street Historic District		Cambridge	
CAM.P	Massachusetts Institute of Technology		Cambridge	
CAM.Q	Central Square Historic District		Cambridge	
CAM.R	Bigelow Street Historic District		Cambridge	
CAM.S	Garfield Street Historic District		Cambridge	
CAM.T	Harvard Street Historic District		Cambridge	
CAM.U	Kirkland Place Historic District		Cambridge	
CAM.V	Maple Avenue Historic District		Cambridge	
CAM.W	City Hall Historic District		Cambridge	
CAM.X	Shady Hill Historic District		Cambridge	
CAM.Y	Ash Street Historic District		Cambridge	
CAM.Z	Avon Hill Historic District		Cambridge	

Inv. No.	Property Name	Street	Town	Year
CAM.AA	Berkeley Street Historic District		Cambridge	
CAM.AB	Harvard Square Historic District		Cambridge	
CAM.AC	Harvard Houses Historic District		Cambridge	
CAM.AD	Harvard Yard Historic District		Cambridge	
CAM.AE	Old Cambridge Historic District		Cambridge	
CAM.AF	Gray Gardens East and West Historic District		Cambridge	
CAM.AG	Memorial Drive Apartments Historic District		Cambridge	
CAM.AH	Follen Street Historic District		Cambridge	
CAM.AI	Bennink - Douglas Cottages		Cambridge	
CAM.AJ	Charles River Basin Historic District		Cambridge	
CAM.AK	Boston Woven Hose and Rubber Complex		Cambridge	
CAM.AL	Fresh Pond		Cambridge	
CAM.AM	Old Cambridge Historic District		Cambridge	
CAM.AN	Harvard Riverfront		Cambridge	
CAM.AO	East Cambridge		Cambridge	
CAM.AP	Hubbard Park Historic District		Cambridge	
CAM.AQ	Davenport - Allen and Endicott Factory		Cambridge	
CAM.AR	Mount Auburn Cemetery		Cambridge	
CAM.AS	Metropolitan Park System of Greater Boston		Cambridge	
CAM.AT	Elmwood (James Russell Lowell House)		Cambridge	
CAM.AU	Christ Church		Cambridge	
CAM.AV	Blake and Knowles Steam Pump Company		Cambridge	
CAM.AW	Alewife Brook Parkway		Cambridge	
CAM.AX	Fresh Pond Parkway		Cambridge	
CAM.AY	Church of the Blessed Sacrament Catholic Church		Cambridge	
CAM.AZ	Immaculate Conception Roman Catholic Church		Cambridge	
CAM.BA	Immaculate Conception (Lithuanian) Catholic Church		Cambridge	
CAM.BB	Orchard Street Area		Cambridge	
CAM.BC	Central Square Historic District		Cambridge	
CAM.BD	Cambridge Common Historic District		Cambridge	
CAM.BE	Old Harvard Yard		Cambridge	
CAM.BF	Berkeley Street Historic District		Cambridge	
CAM.BG	Harvard Square Historic District		Cambridge	
CAM.1	Wyeth, John House	56 Aberdeen Ave	Cambridge	1841
CAM.1009		24 Agassiz St	Cambridge	1889
CAM.1010	Shaw, Edward L. House	30 Agassiz St	Cambridge	1890

Inv. No.	Property Name	Street	Town	Year
CAM.1011	Sands, M. Winslow House	32 Agassiz St	Cambridge	1891
CAM.1012	Blackman, Horace House	33 Agassiz St	Cambridge	1890
CAM.1353	Standard Plate Glass Company Building	270 Albany St	Cambridge	1920
CAM.902	Alewife Brook Parkway Bridge over B & M Railroad	Alewife Brook Pkwy	Cambridge	1929
CAM.903	Alewife Brook Parkway Bridge over B & M Railroad	Alewife Brook Pkwy	Cambridge	1929
CAM.9012	Alewife Brook Parkway - Northern Segment	Alewife Brook Pkwy	Cambridge	1908
CAM.9013	Alewife Brook Parkway Tree Border	Alewife Brook Pkwy	Cambridge	1920
CAM.1372	Immaculate Conception Roman Catholic Church	45 Alewife Brook Pkwy	Cambridge	1929
CAM.1373	Immaculate Conception Catholic Church Rectory	45 Alewife Brook Pkwy	Cambridge	1935
CAM.359		6-24 Allston St	Cambridge	1946
CAM.2	Fay, Isaac House	125 Antrim St	Cambridge	1843
CAM.3	Withey, S. B. House	10 Appian Way	Cambridge	1855
CAM.4	Howe, Lois Lilly House	6 Appleton St	Cambridge	1887
CAM.5	Cook, William House	71 Appleton St	Cambridge	1876
CAM.1016		8-10 Arlington St	Cambridge	1864
CAM.1027	Aldrich, Frank A. House	11 Arlington St	Cambridge	1899
CAM.1017		12-14 Arlington St	Cambridge	1864
CAM.1028	Graustein, Adolph H. House	19 Arlington St	Cambridge	1902
CAM.1018		22 Arlington St	Cambridge	1862
CAM.1019	Fillmore, Wellington House	24 Arlington St	Cambridge	1869
CAM.1347		25 Arlington St	Cambridge	
CAM.1020	Moor, Rev. Clark House	26 Arlington St	Cambridge	1869
CAM.1021	Blackman, Horace P. House	28 Arlington St	Cambridge	1876
CAM.1022		30 Arlington St	Cambridge	1876
CAM.1023	Jameson, Edwin A. L. House	32 Arlington St	Cambridge	1872
CAM.1029	Davis, John House	33 Arlington St	Cambridge	1869
CAM.1024		36 Arlington St	Cambridge	1872
CAM.1030	Kelsey, Albert House	37 Arlington St	Cambridge	1875
CAM.1025	Moor, Rev. Clark Double House	38-40 Arlington St	Cambridge	1874
CAM.1026	Boardman, Charles House	42 Arlington St	Cambridge	1871
CAM.1061	Harvard Catholic Student Center	20 Arrow St	Cambridge	1890
CAM.1062	Saint Paul's Church	24 Arrow St	Cambridge	1920
CAM.784	Brooks, John House	5 Ash St	Cambridge	1887
CAM.6	Johnson, Philip House	9 Ash St	Cambridge	1942
CAM.785	Ela, Lucia House	13 Ash St	Cambridge	1869
CAM.787	Eliot, T. S. House	16 Ash St	Cambridge	1855

Inv. No.	Property Name	Street	Town	Year
CAM.786	Nowell, Henry House	19 Ash St	Cambridge	1825
CAM.788	Hunnewell, James A. House	6 Ash Street Pl	Cambridge	1848
CAM.522		107 Auburn St	Cambridge	1803
CAM.523		108-110 Auburn St	Cambridge	1803
CAM.524		114 Auburn St	Cambridge	1844
CAM.525		119 Auburn St	Cambridge	1829
CAM.526		122 Auburn St	Cambridge	1840
CAM.527		131 Auburn St	Cambridge	1830
CAM.528		134 Auburn St	Cambridge	1845
CAM.7	Ellis, Asa House	158 Auburn St	Cambridge	1805
CAM.564	Hotel Eliot	66 Austin St	Cambridge	1885
CAM.565	Hotel Austin	70 Austin St	Cambridge	1885
CAM.8	Brabrook, Ezra H. House	42-44 Avon St	Cambridge	1849
CAM.352	Blake and Knowles Main Foundry	180 Bent St	Cambridge	1895
CAM.1035		1 Berkeley Pl	Cambridge	1892
CAM.1036		2 Berkeley Pl	Cambridge	1892
CAM.1037		3 Berkeley Pl	Cambridge	1892
CAM.1038		4 Berkeley Pl	Cambridge	1910
CAM.1039		5 Berkeley Pl	Cambridge	1900
CAM.1040		6 Berkeley Pl	Cambridge	1914
CAM.1041		7 Berkeley Pl	Cambridge	1913
CAM.1042		8 Berkeley Pl	Cambridge	1931
CAM.1043	Pryor - Brown House	1 Berkeley St	Cambridge	1852
CAM.10	Thayer, Prof. Studio	2 1/2 Berkeley St	Cambridge	1894
CAM.1044	Pryor - Howells House	3 Berkeley St	Cambridge	1856
CAM.1045	Dana, Richard H. House	4 Berkeley St	Cambridge	1851
CAM.1046	Wyeth - Allen House	5-7R Berkeley St	Cambridge	1852
CAM.1047		6 Berkeley St	Cambridge	1853
CAM.1048	Ware, Henry House	8 Berkeley St	Cambridge	1859
CAM.1049	Allyn, John House	11 Berkeley St	Cambridge	1886
CAM.1050		12 Berkeley St	Cambridge	1881
CAM.1051		13 Berkeley St	Cambridge	1898
CAM.1052	Williston, Lyman House	15 Berkeley St	Cambridge	1863
CAM.1053		16 Berkeley St	Cambridge	1905
CAM.1054		17 Berkeley St	Cambridge	1863
CAM.1055		19 Berkeley St	Cambridge	1854
CAM.1056	Newell, William House	20 Berkeley St	Cambridge	1856
CAM.1057		21 Berkeley St	Cambridge	1854

Inv. No.	Property Name	Street	Town	Year
CAM.1058	Fiske, John House	22 Berkeley St	Cambridge	1877
CAM.1059		23 Berkeley St	Cambridge	1854
CAM.1060		24 Berkeley St	Cambridge	1936
CAM.1355	Craft, William House	5 Bigelow St	Cambridge	1869
CAM.1356	Sharry, William J. House	5A Bigelow St	Cambridge	1940
CAM.663	Montague, Charles House	6 Bigelow St	Cambridge	1873
CAM.655	Snow, Simeon House	7 Bigelow St	Cambridge	1869
CAM.1360	Rhodes, Silas Jr. House	8 Bigelow St	Cambridge	1871
CAM.656	Pollard, John Double House	9-11 Bigelow St	Cambridge	1874
CAM.664	Hurd, Theodore House	10-12 Bigelow St	Cambridge	1884
CAM.657	Bird, Henry House	13 Bigelow St	Cambridge	1874
CAM.1361	Pike, Walter House	14 Bigelow St	Cambridge	1888
CAM.658	Davis, Curtis House	15 Bigelow St	Cambridge	1873
CAM.1362	Brazier, Abbie House	16 Bigelow St	Cambridge	1874
CAM.659	Whitely, Hiram House	17 Bigelow St	Cambridge	1873
CAM.1363	Sawyer - Dole House	18 Bigelow St	Cambridge	1876
CAM.1357	Oxford, Charles House	19 Bigelow St	Cambridge	1871
CAM.660	Snow - Twitchell Double House	21-23 Bigelow St	Cambridge	1873
CAM.665	Hyde, Edward House	22 Bigelow St	Cambridge	1870
CAM.1348	Robbins Block	24-46 Bigelow St	Cambridge	1871
CAM.661	Jessop, Joseph House	25 Bigelow St	Cambridge	1872
CAM.1358	Jessop Tenement House	29 Bigelow St	Cambridge	1891
CAM.1359	Whitcomb, Peter Double House	31-33 Bigelow St	Cambridge	1872
CAM.662	Davis, John W. House	35 Bigelow St	Cambridge	1870
CAM.357	Blake and Knowles Machine Shop #2	195 Binney St	Cambridge	1917
CAM.358	Blake and Knowles Machine Shop #3	199 Binney St	Cambridge	1918
CAM.356	Blake and Knowles Erecting and Assembling Building	201 Binney St	Cambridge	1903
CAM.1388		39 Bishop Allen Dr	Cambridge	
CAM.1397	Hotel Greyburn	77 Bishop Allen Dr	Cambridge	1891
CAM.577	Young Women's Christian Association Building	146 Bishop Allen Dr	Cambridge	1954
CAM.1386	Squirrel Brand Company Building	8 Boardman St	Cambridge	1915
CAM.11	Slowey, Patrick House	73 Bolton St	Cambridge	1852
CAM.1063	Bicycle Exchange Building	3-7 Bow St	Cambridge	1901
CAM.1064		9 Bow St	Cambridge	1884
CAM.1065	Farwell - Russell, Thomas Store	12 Bow St	Cambridge	1830
CAM.1066	Westmorly Court - Harvard University	15-29 Bow St	Cambridge	1898
CAM.12	Harvard Lampoon Building	44 Bow St	Cambridge	1909

Inv. No.	Property Name	Street	Town	Year
CAM.1067	Randolph Hall - Harvard University	47-57 Bow St	Cambridge	1897
CAM.13	Frost, Elizabeth Tenant House	35 Bowdoin St	Cambridge	1812
CAM.926	Anderson, Larz Bridge	Boylston St	Cambridge	1915
CAM.14	Hicks, John House	64 Boylston St	Cambridge	1761
CAM.294	Radcliffe College Graduate Center	Brattle St	Cambridge	1955
CAM.918	Longfellow Park	Brattle St	Cambridge	1887
CAM.987	Lowell Park	Brattle St	Cambridge	
CAM.1068	Brattle Building	4 Brattle St	Cambridge	1913
CAM.1069	Atrium Building	9-11 Brattle St	Cambridge	1979
CAM.1071		12-16 Brattle St	Cambridge	1887
CAM.1070	Estes Block	13-15 Brattle St	Cambridge	1875
CAM.1072	Dow Block	17-35 Brattle St	Cambridge	1936
CAM.1073		18 Brattle St	Cambridge	1922
CAM.1074		26 Brattle St	Cambridge	1909
CAM.1075	Hadley Building	28-36 Brattle St	Cambridge	1974
CAM.1076	Cambridge Federal Savings Bank	38A Brattle St	Cambridge	1937
CAM.1077		39-41 Brattle St	Cambridge	1925
CAM.15	Brattle Hall	40 Brattle St	Cambridge	1889
CAM.1078		40A Brattle St	Cambridge	1925
CAM.16	Brattle, William House	42 Brattle St	Cambridge	1727
CAM.1079	Sage Building	43-45 Brattle St	Cambridge	1926
CAM.1080		44 Brattle St	Cambridge	1970
CAM.1081		46R Brattle St	Cambridge	1966
CAM.1082		47-49 Brattle St	Cambridge	1926
CAM.1083	Design Research Building	48 Brattle St	Cambridge	1969
CAM.1084	Washington Court	51 Brattle St	Cambridge	1905
CAM.17	Pratt, Dexter House	54 Brattle St	Cambridge	1808
CAM.1229	Warland, John House	69 Brattle St	Cambridge	1838
CAM.1230	Greenleaf, James House	76 Brattle St	Cambridge	1859
CAM.1228	Chamberlin, John House	77 Brattle St	Cambridge	1821
CAM.18	Radcliffe College Alumnae House	79 Brattle St	Cambridge	1836
CAM.19	Wadsworth Chambers	81-83 Brattle St	Cambridge	1908
CAM.20	Burleigh House	85 Brattle St	Cambridge	1847
CAM.21	Stoughton, Mary Fisk House	90 Brattle St	Cambridge	1882
CAM.22		92 Brattle St	Cambridge	1882
CAM.23	Vassall, Henry House	94 Brattle St	Cambridge	1635
CAM.24	Episcopal Divinity School - Washburn Hall	99 Brattle St	Cambridge	1960
CAM.25	Saint John's Chapel	99 Brattle St	Cambridge	1868

Inv. No.	Property Name	Street	Town	Year
CAM.26	Episcopal Divinity School Library - Sherrill Hall	99 Brattle St	Cambridge	1965
CAM.27	Episcopal Divinity School - Wright Hall	99 Brattle St	Cambridge	1911
CAM.28	Episcopal Divinity School - Reed Hall	99 Brattle St	Cambridge	1873
CAM.29	Episcopal Divinity School - Lawrence Hall	99 Brattle St	Cambridge	1873
CAM.30	Episcopal Divinity School - Burnham Hall	99 Brattle St	Cambridge	1879
CAM.31	Hastings, Oliver House	101 Brattle St	Cambridge	1844
CAM.32	Longfellow National Historic Site	105 Brattle St	Cambridge	1759
CAM.33	Dana, Edith Longfellow House	113 Brattle St	Cambridge	1887
CAM.34		114 Brattle St	Cambridge	1903
CAM.35	Thorp, Annie Longfellow House	115 Brattle St	Cambridge	1887
CAM.36	Worcester, Joseph House	121 Brattle St	Cambridge	1843
CAM.37		121A Brattle St	Cambridge	1941
CAM.38		123 Brattle St	Cambridge	
CAM.39		124 Brattle St	Cambridge	1915
CAM.40		125 Brattle St	Cambridge	1939
CAM.41		126 Brattle St	Cambridge	1890
CAM.1235		127 Brattle St	Cambridge	1970
CAM.42		128 Brattle St	Cambridge	1892
CAM.43		130-130R Brattle St	Cambridge	1886
CAM.44		132 Brattle St	Cambridge	1886
CAM.45	Falxa, Dr. Martin House	133 Brattle St	Cambridge	1970
CAM.46		134-136 Brattle St	Cambridge	1857
CAM.47		138 Brattle St	Cambridge	1930
CAM.48		140 Brattle St	Cambridge	1930
CAM.49		142 Brattle St	Cambridge	1915
CAM.50	Cambridge Armenian Church	143 Brattle St	Cambridge	1959
CAM.51		144 Brattle St	Cambridge	1915
CAM.52	Brewster, William House	145 Brattle St	Cambridge	1887
CAM.53		146 Brattle St	Cambridge	1939
CAM.54		147 Brattle St	Cambridge	1887
CAM.55		148 Brattle St	Cambridge	1914
CAM.56	Lechmere, Richard House	149 Brattle St	Cambridge	1762
CAM.57		150 Brattle St	Cambridge	1908
CAM.58		152 Brattle St	Cambridge	1887
CAM.59	Lee, Thomas House	153 Brattle St	Cambridge	1803
CAM.60		154 Brattle St	Cambridge	1865
CAM.1236		155 Brattle St	Cambridge	1889
CAM.61		156 Brattle St	Cambridge	1867

Inv. No.	Property Name	Street	Town	Year
CAM.62		158 Brattle St	Cambridge	1884
CAM.63	Hooper - Lee - Nichols House	159 Brattle St	Cambridge	1685
CAM.64		160 Brattle St	Cambridge	1884
CAM.65		164 Brattle St	Cambridge	1868
CAM.1237	Bartlett, John House	165 Brattle St	Cambridge	1873
CAM.66	Van Brunt, Henry House	167 Brattle St	Cambridge	1883
CAM.67		168 Brattle St	Cambridge	1888
CAM.68	Wells, Judge Daniel House	170 Brattle St	Cambridge	1852
CAM.69		174 Brattle St	Cambridge	1885
CAM.70	Marrett - Ruggles - Fayerweather House	175 Brattle St	Cambridge	1765
CAM.1238	Fayerweather House Squash Court and Garage	177 Brattle St	Cambridge	1915
CAM.71		180 Brattle St	Cambridge	1888
CAM.72	Richards, R. A. House	182 Brattle St	Cambridge	1895
CAM.73		190 Brattle St	Cambridge	1898
CAM.74	Frankfurter, Justice Felix House	192 Brattle St	Cambridge	1907
CAM.75		193 Brattle St	Cambridge	1893
CAM.76		194 Brattle St	Cambridge	1917
CAM.77		195 Brattle St	Cambridge	1896
CAM.78		198 Brattle St	Cambridge	1912
CAM.79	Stubbins, Hugh House	199 Brattle St	Cambridge	1966
CAM.80		200 Brattle St	Cambridge	1901
CAM.81		202 Brattle St	Cambridge	1903
CAM.82		205 Brattle St	Cambridge	1925
CAM.83		209 Brattle St	Cambridge	1925
CAM.84		213-215 Brattle St	Cambridge	1896
CAM.85	Frost, Robert House	29-35 Brewster St	Cambridge	1884
CAM.86	Cambridge Public Library	449 Broadway	Cambridge	1888
CAM.515		301 Brookline Ave	Cambridge	1869
CAM.516		302 Brookline Ave	Cambridge	1887
CAM.517		308 Brookline Ave	Cambridge	1870
CAM.623	Southwick Block	11-19 Brookline St	Cambridge	1911
CAM.88	Brown, Daniel House	7 Brown St	Cambridge	1845
CAM.89	Hill, Aaron House	17 Brown St	Cambridge	1754
CAM.708		1 Bryant St	Cambridge	1911
CAM.709		5 Bryant St	Cambridge	1916
CAM.710		7 Bryant St	Cambridge	1915
CAM.711		20-24 Bryant St	Cambridge	1916
CAM.712		21 Bryant St	Cambridge	1932

Inv. No.	Property Name	Street	Town	
CAM.90	Bridgman, Percy House	10 Buckingham Pl	Cambridge	1920
CAM.91	Koch, Carl House	4 Buckingham St	Cambridge	1939
CAM.92	Higginson, Col. Thomas Wentworth House	29 Buckingham St	Cambridge	1880
CAM.942	Memorial Gateway	Cambridge Common	Cambridge	1906
CAM.906	Cambridge Parkway Bridge over Broad Canal	Cambridge Pkwy	Cambridge	1957
CAM.931	Cambridge Parkway	Cambridge Pkwy	Cambridge	1900
CAM.97	Memorial Hall	Cambridge St	Cambridge	1875
CAM.379	Middlesex County Registry of Deeds Building	Cambridge St	Cambridge	1896
CAM.380	Middlesex County Clerk of Courts Building	Cambridge St	Cambridge	1889
CAM.912	Longfellow Bridge - West Boston Bridge	Cambridge St	Cambridge	1907
CAM.914	Lechmere Square Streetcar Station	Cambridge St	Cambridge	1922
CAM.372		82-84 Cambridge St	Cambridge	1937
CAM.373	Davenport, A. H. - Irving and Casson Company	88-134 Cambridge St	Cambridge	1866
CAM.378		160 Cambridge St	Cambridge	1965
CAM.93	East Cambridge Savings Bank	292 Cambridge St	Cambridge	1931
CAM.94	Union Railway Car Barn	613-621 Cambridge St	Cambridge	1869
CAM.535		1353-1369 Cambridge St	Cambridge	1894
CAM.532	Waite Building	1368 Cambridge St	Cambridge	1855
CAM.533	Middlesex Bank Building	1374-1385 Cambridge St	Cambridge	1874
CAM.95		1707-1709 Cambridge St	Cambridge	1845
CAM.96		1715-1717 Cambridge St	Cambridge	1845
CAM.635	Holmes Block II - Green Block	2-14 Central Sq	Cambridge	1798
CAM.636	Home Realty Building	14 Central Sq	Cambridge	1970
CAM.639	Southwick Building I	15-16 Central Sq	Cambridge	1896
CAM.640	Southwick Building II	17-24 Central Sq	Cambridge	1860
CAM.641	White Tower Restaurant	25 Central Sq	Cambridge	1932
CAM.98	Melvin, Isaac House	19 Centre St	Cambridge	1842
CAM.99	Boston and Maine Railroad Signal Tower A	Charles River	Cambridge	1931
CAM.911	Charles River Railroad Draw Bridge #1	Charles River	Cambridge	1931
CAM.920	Charles River Dam	Charles River	Cambridge	1905
CAM.925	Weeks, John Wingate Foot Bridge	Charles River	Cambridge	1927
CAM.928	Lechmere Canal	Charles River	Cambridge	1909
CAM.929	Broad Canal	Charles River	Cambridge	1805
CAM.932	Charles River Basin Granite Seawall and Iron Fence	Charles River	Cambridge	
CAM.935	Metropolitan District Commission Swimming Pool	Charles River	Cambridge	
CAM.1320	Metropolitan District Commission Clorination Plant	Charles River	Cambridge	

Inv. No.	Property Name	Street	Town	Year
CAM.1325	M. I. T. - Pierce, Harold Whitworth Boat House	Charles River	Cambridge	1965
CAM.1326	M. I. T. - Wood, Walter C. Sailing Pavillion	Charles River	Cambridge	1976
CAM.1328	Riverside Boat Club	Charles River	Cambridge	1910
CAM.543	Boardman, James Double House	Cherry St	Cambridge	1843
CAM.100	Fuller, Margaret House	71 Cherry St	Cambridge	1806
CAM.546		87 Cherry St	Cambridge	1845
CAM.545		116-120 Cherry St	Cambridge	1845
CAM.544	Eaton, Jacob House	128 Cherry St	Cambridge	1844
CAM.542		137-139 Cherry St	Cambridge	1840
CAM.537		149-151 Cherry St	Cambridge	1830
CAM.538		159-161 Cherry St	Cambridge	1830
CAM.547		167 Cherry St	Cambridge	1850
CAM.548		169 Cherry St	Cambridge	1850
CAM.101	Kingsley, Chester House	10 Chester St	Cambridge	1866
CAM.518		105 Chestnut St	Cambridge	1875
CAM.519		111 Chestnut St	Cambridge	1875
CAM.102	First Parish Church, Unitarian	1-3 Church St	Cambridge	1833
CAM.103		23-25 Church St	Cambridge	1936
CAM.1085		26-28 Church St	Cambridge	1857
CAM.104		27-29 Church St	Cambridge	1922
CAM.105	Cambridge Police Station	31-33 Church St	Cambridge	1864
CAM.1086	Oxford Grill	32-42 Church St	Cambridge	1931
CAM.1087	Hancock - Torrey House	53 Church St	Cambridge	1827
CAM.1088		54-56 Church St	Cambridge	1925
CAM.1089		59-63 Church St	Cambridge	1949
CAM.1377	Cambridge Almshouse Caretaker's House	36 Churchill Ave	Cambridge	1886
CAM.106	Gale, George House	14-16 Clinton St	Cambridge	1853
CAM.1387		41-43 Columbia St	Cambridge	
CAM.107	Beth Israel Synagogue	238 Columbia St	Cambridge	1901
CAM.908	Commercial Avenue Bridge over Lechmere Canal	Commercial Ave	Cambridge	1907
CAM.1318	Metropolitan District Commission Stables	Commercial Ave	Cambridge	
CAM.336		3 Concord Ave	Cambridge	1915
CAM.337		5 Concord Ave	Cambridge	1917
CAM.108	Howells, William Dean House	37 Concord Ave	Cambridge	1873
CAM.1365	Cambridge Home for the Aged and Infirm	650 Concord Ave	Cambridge	1928
CAM.109	Orne, Sarah House	10 Coolidge Hill Rd	Cambridge	1807
CAM.110	Coolidge, Josiah House	24 Coolidge Hill Rd	Cambridge	1822

Inv. No.	Property Name	Street	Town	Year
CAM.111	Holmes, Joseph House	144 Coolidge Hill St	Cambridge	1801
CAM.600	Coolidge, Flavel House	2 Coolidge Pl	Cambridge	1834
CAM.1369	Blessed Sacrament Roman Catholic Parish School	12 Corporal McTernan St	Cambridge	1924
CAM.112	Valentine Soap Workers' Cottage	5-7 Cottage St	Cambridge	1835
CAM.1212	Mather House - Harvard University	Cowperthwaite St	Cambridge	1967
CAM.113	Birkhoff, George D. House	22 Craigie St	Cambridge	1870
CAM.114	Ross, Denman House	24-26 Craigie St	Cambridge	1869
CAM.115		25 Craigie St	Cambridge	1856
CAM.116	Horsford, Eben House	27 Craigie St	Cambridge	1854
CAM.333	Day, Anna House	139 Cushing St	Cambridge	1856
CAM.117	Colburn, Sara Foster House	7 Dana St	Cambridge	1841
CAM.118	University Museum	11-25 Divinity Ave	Cambridge	1859
CAM.119	Divinity Hall	12 Divinity Ave	Cambridge	1825
CAM.120	Biological Laboratory	16 Divinity Ave	Cambridge	1930
CAM.121	Second Cambridge Savings Bank Building	11-21 Dunster St	Cambridge	1897
CAM.1090	Union Railway Carbarn	25-33 Dunster St	Cambridge	1860
CAM.1091	Second D. U. Club	45 Dunster St	Cambridge	1930
CAM.1092	Metcalf, Eliab Wight House	46 Dunster St	Cambridge	1820
CAM.1093	Edwards, Abraham - Moore, Mary House	53 Dunster St	Cambridge	1841
CAM.1094	Alpha Sigma Phi Club	54 Dunster St	Cambridge	1900
CAM.122	Wyeth, Augustus House	69 Dunster St	Cambridge	1829
CAM.1095		71-77 Dunster St	Cambridge	1894
CAM.123		42 Edward J. Lopez Ave	Cambridge	1830
CAM.1096	Hotel Packard	10-14 Eliot St	Cambridge	1869
CAM.1097		14A Eliot St	Cambridge	1900
CAM.1098		16-18 Eliot St	Cambridge	1898
CAM.124	Sands, Ivory House	145 Elm St	Cambridge	1839
CAM.125	Foster, Dr. House	8 Elmwood Ave	Cambridge	1893
CAM.126	Greenough, J. J. House	9 Elmwood Ave	Cambridge	1903
CAM.127	Smyth, Herbert House	11-15 Elmwood Ave	Cambridge	1903
CAM.128	Kempton, John House	14 Elmwood Ave	Cambridge	1895
CAM.129		20 Elmwood Ave	Cambridge	1892
CAM.130	Benson, Ruth House	26 Elmwood Ave	Cambridge	1899
CAM.131	Watson House	30 Elmwood Ave	Cambridge	1750
CAM.132	Elmwood - Lowell, James Russell House	33 Elmwood Ave	Cambridge	1767
CAM.133	Reardon, Edmund House	195 Erie St	Cambridge	1884
CAM.1371	Blessed Sacrament Roman Catholic Church	203 Erie St	Cambridge	1954

Inv. No.	Property Name	Street	Town	Year
	Convent			
CAM.134	Harvard Graduate Center	10-26 Everett St	Cambridge	1949
CAM.135	Jarvis, The	27 Everett St	Cambridge	1890
CAM.136	Newman, Andrew House	23 Fairmont St	Cambridge	1823
CAM.713		2-4 Farrar St	Cambridge	1927
CAM.714		9 Farrar St	Cambridge	1890
CAM.715		15 Farrar St	Cambridge	1898
CAM.716		16 Farrar St	Cambridge	1931
CAM.717		17 Farrar St	Cambridge	1897
CAM.718		18-20 Farrar St	Cambridge	1923
CAM.719		22 Farrar St	Cambridge	1928
CAM.720		26 Farrar St	Cambridge	1928
CAM.137		10-12 Farwell Pl	Cambridge	1870
CAM.138	Nichols House	11 Farwell Pl	Cambridge	1827
CAM.139		14-16 Farwell Pl	Cambridge	1855
CAM.140	Read, James House	15 Farwell Pl	Cambridge	1772
CAM.141	Child, N. K. House	17 Farwell Pl	Cambridge	1835
CAM.142		18-20 Farwell Pl	Cambridge	1855
CAM.143	Christ Church Parish House	19 Farwell Pl	Cambridge	1948
CAM.144	Toppan House	22-24 Farwell Pl	Cambridge	1900
CAM.145	Deane, Ezra - Williams, George House	21-23 Fayette St	Cambridge	1848
CAM.146		26-28 Fayette St	Cambridge	1857
CAM.430	Cambridge Public Library - O'Connell Branch	Fifth St	Cambridge	1938
CAM.441		69-71 Fifth St	Cambridge	
CAM.452	Hall, Jesse House	75 Fifth St	Cambridge	1837
CAM.428		82 Fifth St	Cambridge	
CAM.429		83 Fifth St	Cambridge	
CAM.907	First Street Bridge over Broad Canal	First St	Cambridge	1924
CAM.147	Athenaeum Press Building	215 First St	Cambridge	1895
CAM.910	Fitchburg Railroad Signal Bridge	Fitchburg Railroad	Cambridge	1930
CAM.148	Abbot, Edwin House	1 Follen St	Cambridge	1889
CAM.1271		5 Follen St	Cambridge	1853
CAM.1273		6 Follen St	Cambridge	1868
CAM.1338		8 Follen St	Cambridge	1871
CAM.149	Second Waterhouse House	9 Follen St	Cambridge	1844
CAM.150		10 Follen St	Cambridge	1875
CAM.1274		13 Follen St	Cambridge	1900
CAM.151	Richards, Theodore W. House	15 Follen St	Cambridge	1900

Inv. No.	Property Name	Street	Town	Year
CAM.1275		19 Follen St	Cambridge	1844
CAM.1276		20 Follen St	Cambridge	1949
CAM.1277		21 Follen St	Cambridge	1841
CAM.1278		22 Follen St	Cambridge	1951
CAM.1279		25 Follen St	Cambridge	1889
CAM.152	Clover Den - Mann, Mary House	29 Follen St	Cambridge	1837
CAM.1280		34 Follen St	Cambridge	1946
CAM.1281		36 Follen St	Cambridge	1847
CAM.1282		44 Follen St	Cambridge	1862
CAM.338	Puritan Arms	46-50 Follen St	Cambridge	1940
CAM.1331	Homer - Lovell House	11 Forest St	Cambridge	1867
CAM.153	Francis, Ebenezer Houuse	1 Francis Ave	Cambridge	1836
CAM.721		6 Francis Ave	Cambridge	1940
CAM.722		7 Francis Ave	Cambridge	1894
CAM.723		8 Francis Ave	Cambridge	1940
CAM.724		9 Francis Ave	Cambridge	1875
CAM.725		10 Francis Ave	Cambridge	1894
CAM.726		11 Francis Ave	Cambridge	1894
CAM.1337		12-14 Francis Ave	Cambridge	1895
CAM.727		16 Francis Ave	Cambridge	1906
CAM.154	Davis, William Morris House	17 Francis Ave	Cambridge	1895
CAM.728		18 Francis Ave	Cambridge	1911
CAM.155	Hyatt, Prof. Alpheus - Durant, Prof. Will B. House	19 Francis Ave	Cambridge	1889
CAM.729		21 Francis Ave	Cambridge	1925
CAM.730		22 Francis Ave	Cambridge	1912
CAM.731		23 Francis Ave	Cambridge	1902
CAM.732		24 Francis Ave	Cambridge	1906
CAM.733		30 Francis Ave	Cambridge	1905
CAM.734		32 Francis Ave	Cambridge	1903
CAM.735	Center for the Study of World Religions	42 Francis Ave	Cambridge	1959
CAM.736		44 Francis Ave	Cambridge	1913
CAM.737		53 Francis Ave	Cambridge	1913
CAM.738		56 Francis Ave	Cambridge	1914
CAM.739		57 Francis Ave	Cambridge	1913
CAM.740		59 Francis Ave	Cambridge	1916
CAM.741		60 Francis Ave	Cambridge	1961
CAM.742		63 Francis Ave	Cambridge	1913
CAM.743	Sert, Jose Luis House	64 Francis Ave	Cambridge	1957

Inv. No.	Property Name	Street	Town	Year
CAM.744		65 Francis Ave	Cambridge	1916
CAM.745		67 Francis Ave	Cambridge	1926
CAM.746		68 Francis Ave	Cambridge	1921
CAM.747		70 Francis Ave	Cambridge	1879
CAM.748		73 Francis Ave	Cambridge	1926
CAM.749		75-77 Francis Ave	Cambridge	1925
CAM.1329	Kennedy, F. A. Steam Bakery	129 Franklin St	Cambridge	1875
CAM.919	Fresh Pond Lane over B & M Railroad	Fresh Pond Ln	Cambridge	1926
CAM.9014	Fresh Pond Parkway	Fresh Pond Pkwy	Cambridge	1899
CAM.9015	Fresh Pond Parkway - Concord Avenue Rotary Islands	Fresh Pond Pkwy	Cambridge	1928
CAM.9016	Fresh Pond Parkway - New Street Rotary	Fresh Pond Pkwy	Cambridge	1928
CAM.9017	Fresh Pond Parkway Tree Canopy	Fresh Pond Pkwy	Cambridge	1920
CAM.9018	Fresh Pond Parkway Median System	Fresh Pond Pkwy	Cambridge	1958
CAM.156	Wyeth - Eliot, Charles House	17 Fresh Pond Pkwy	Cambridge	1838
CAM.157	Frost, Walter House	10 Frost St	Cambridge	1807
CAM.158	Christ Church	0 Garden St	Cambridge	1760
CAM.159	Saunders, William House	1 Garden St	Cambridge	1821
CAM.339		2 Garden St	Cambridge	1835
CAM.340	Howe, Sarah House	3 Garden St	Cambridge	1851
CAM.160	First Church in Cambridge Congregational	11 Garden St	Cambridge	1870
CAM.341		17-19 Garden St	Cambridge	1926
CAM.161	Sears Tower - Harvard Observatory	60 Garden St	Cambridge	1843
CAM.162	Warner House	63 Garden St	Cambridge	1855
CAM.163	Gray, Asa House	88 Garden St	Cambridge	1810
CAM.1240		91 Garden St	Cambridge	1922
CAM.164	Taylor Square Firehouse	113 Garden St	Cambridge	1904
CAM.165	Warren, H. Langford House	6 Garden Terr	Cambridge	1904
CAM.671	Rollins, John House	16 Garfield St	Cambridge	1891
CAM.672	Wood, Edward House	18 Garfield St	Cambridge	1886
CAM.1336	Shepherd, Herbert House	31-33 Garfield St	Cambridge	1886
CAM.673	Farquhar, Robert House	34 Garfield St	Cambridge	1890
CAM.674	Coon, Sarah House	36 Garfield St	Cambridge	1887
CAM.666	Shepherd, Edward House	39 Garfield St	Cambridge	1885
CAM.675	Thayer, Bertha House	44 Garfield St	Cambridge	1888
CAM.667	Estabrook, J. W. House	45 Garfield St	Cambridge	1886
CAM.668	Bartlett, A. S. House	49 Garfield St	Cambridge	1888
CAM.676	Green, Roscoe House	54 Garfield St	Cambridge	1890

Inv. No.	Property Name	Street	Town	Year
CAM.669	Dewey House	55 Garfield St	Cambridge	1889
CAM.677	Worcester, George House	58 Garfield St	Cambridge	1890
CAM.678	Allen, Frank House	64 Garfield St	Cambridge	1891
CAM.670	Sullivan, Cornelius House	67 Garfield St	Cambridge	1889
CAM.679	Farnsworth, Charles House	74 Garfield St	Cambridge	1897
CAM.680	Ball, Elijah House	80 Garfield St	Cambridge	1887
CAM.502	Lechmere Point Corporation Row House	47 Gore St	Cambridge	1821
CAM.503	Lechmere Point Corporation Row House	49 Gore St	Cambridge	1821
CAM.504	Lechmere Point Corporation Row House	51 Gore St	Cambridge	1821
CAM.1241		1 Gray Gardens East	Cambridge	1925
CAM.1242		2 Gray Gardens East	Cambridge	1930
CAM.1243		3 Gray Gardens East	Cambridge	1923
CAM.1244		8 Gray Gardens East	Cambridge	1923
CAM.1245		9 Gray Gardens East	Cambridge	1922
CAM.1246		11 Gray Gardens East	Cambridge	1924
CAM.1247		12 Gray Gardens East	Cambridge	1922
CAM.1248		13 Gray Gardens East	Cambridge	1925
CAM.1249		16 Gray Gardens East	Cambridge	1922
CAM.1250		17 Gray Gardens East	Cambridge	1958
CAM.1251		19 Gray Gardens East	Cambridge	1927
CAM.1252		22 Gray Gardens East	Cambridge	1962
CAM.1253		25 Gray Gardens East	Cambridge	1926
CAM.1254		26 Gray Gardens East	Cambridge	1922
CAM.1255		27 Gray Gardens East	Cambridge	1923
CAM.1256		30 Gray Gardens East	Cambridge	1928
CAM.1257		31 Gray Gardens East	Cambridge	1924
CAM.1258		37 Gray Gardens East	Cambridge	1923
CAM.1259		3 Gray Gardens West	Cambridge	1923
CAM.1260		4 Gray Gardens West	Cambridge	1922
CAM.1261		11 Gray Gardens West	Cambridge	1923
CAM.1262		14 Gray Gardens West	Cambridge	1924
CAM.1263		15 Gray Gardens West	Cambridge	1929
CAM.1264		16 Gray Gardens West	Cambridge	1925
CAM.167	Hall Tavern	20 Gray Gardens West	Cambridge	1800
CAM.1265		24 Gray Gardens West	Cambridge	1928
CAM.166	Frost, David House	26 Gray St	Cambridge	1815
CAM.618		133 Green St	Cambridge	1894
CAM.624	Raymond, T. H. Warehouse	175 Green St	Cambridge	1908

Inv. No.	Property Name	Street	Town	Year
CAM.1389		205-207 Green St	Cambridge	
CAM.534	Inman Square Fire Station	Hampshire St	Cambridge	1912
CAM.168	Lamson, Rufus House	72-74 Hampshire St	Cambridge	1854
CAM.1367	Massachusetts Avenue Baptist Church	146 Hampshire St	Cambridge	1902
CAM.169	Opposition House	2-4 Hancock Pl	Cambridge	1807
CAM.170		104-106 Hancock St	Cambridge	1839
CAM.171	Atwood, Ephraim House	110 Hancock St	Cambridge	1839
CAM.536	Fay, Samuel P. P. House	172 Harvard St	Cambridge	1805
CAM.549	Allen Block	177-183 Harvard St	Cambridge	1875
CAM.1354	Courtney, Benjamin House	273 Harvard St	Cambridge	1867
CAM.172	Jones, William R. House	307 Harvard St	Cambridge	1865
CAM.173	Vinal, Albert House	325 Harvard St	Cambridge	1853
CAM.681	Melledge, James P. House	335 Harvard St	Cambridge	1850
CAM.684	Warner, Caleb House	336 Harvard St	Cambridge	1858
CAM.682		337 Harvard St	Cambridge	1887
CAM.685	Frothingham, Amos House	338 Harvard St	Cambridge	1859
CAM.686	Goepper, William House	340 Harvard St	Cambridge	1897
CAM.683		341-343 Harvard St	Cambridge	1855
CAM.687	Rindge, Samuel Baker House	342-344 Harvard St	Cambridge	1857
CAM.174	Bradbury, William F. House	369 Harvard St	Cambridge	1877
CAM.175	Hapgood, Richard House	382-392 Harvard St	Cambridge	1889
CAM.176	Ware Hall	383 Harvard St	Cambridge	1893
CAM.1099	Delta Upsilon Club	396 Harvard St	Cambridge	1914
CAM.177	Old Cambridge Baptist Church	398 Harvard St	Cambridge	1867
CAM.193	Austin Hall	Harvard University	Cambridge	1881
CAM.178	Holden Chapel - Harvard University	Harvard Yard	Cambridge	1764
CAM.179	Sever Hall	Harvard Yard	Cambridge	1880
CAM.180	University Hall	Harvard Yard	Cambridge	1812
CAM.181	Harvard Hall - Harvard University	Harvard Yard	Cambridge	1764
CAM.182	Hollis Hall - Harvard University	Harvard Yard	Cambridge	1762
CAM.183	Massachusetts Hall	Harvard Yard	Cambridge	1718
CAM.184	Weld Hall - Harvard University	Harvard Yard	Cambridge	1870
CAM.185	Boylston Hall - Harvard University	Harvard Yard	Cambridge	1857
CAM.186	Holworthy Hall - Harvard University	Harvard Yard	Cambridge	1811
CAM.187	Grays Hall - Harvard University	Harvard Yard	Cambridge	1862
CAM.188	Lehman Hall - Harvard University	Harvard Yard	Cambridge	1924
CAM.189	Matthews House - Harvard University	Harvard Yard	Cambridge	1871
CAM.190	Straus Hall - Harvard University	Harvard Yard	Cambridge	1926

Inv. No.	Property Name	Street	Town	Year
CAM.191	Thayer Hall - Harvard University	Harvard Yard	Cambridge	1869
CAM.192	Wigglesworth Hall - Harvard University	Harvard Yard	Cambridge	1930
CAM.953	Harvard University - 1857 Gate	Harvard Yard	Cambridge	1901
CAM.954	Harvard University - 1870 Gate	Harvard Yard	Cambridge	1901
CAM.956	Harvard University - 1874 Gate	Harvard Yard	Cambridge	1901
CAM.957	Harvard University - 1875 Gate	Harvard Yard	Cambridge	1901
CAM.958	Harvard University - 1881 Gate	Harvard Yard	Cambridge	1906
CAM.959	Harvard University - 1885 Gate	Harvard Yard	Cambridge	1904
CAM.960	Harvard University - 1886 Gate	Harvard Yard	Cambridge	1901
CAM.961	Harvard University - 1887 Gate	Harvard Yard	Cambridge	1906
CAM.962	Harvard University - 1888 Gate	Harvard Yard	Cambridge	1906
CAM.963	Harvard University - 1889 Gate	Harvard Yard	Cambridge	1901
CAM.964	Harvard University - 1890 Gate	Harvard Yard	Cambridge	1901
CAM.965	Harvard University - 1880 Gate	Harvard Yard	Cambridge	1902
CAM.968	Harvard University - Delivery Gate	Harvard Yard	Cambridge	1948
CAM.969	Harvard University - Driveway Gate	Harvard Yard	Cambridge	1948
CAM.970	Harvard University - 1908 Gate	Harvard Yard	Cambridge	1936
CAM.971	Harvard University - Emerson Gate	Harvard Yard	Cambridge	1936
CAM.972	Harvard University - Fire Station Gate	Harvard Yard	Cambridge	1970
CAM.974	Harvard University - 1876 Gate	Harvard Yard	Cambridge	1901
CAM.976	Harvard University - Johnston Gate	Harvard Yard	Cambridge	1889
CAM.977	Harvard University - Lamont Gate	Harvard Yard	Cambridge	1948
CAM.978	Harvard University - Gatehouse	Harvard Yard	Cambridge	1983
CAM.979	Harvard University - 1879 Gate	Harvard Yard	Cambridge	1891
CAM.981	Harvard University - Porcellian Gate	Harvard Yard	Cambridge	1901
CAM.983	Harvard University - Robinson Gate	Harvard Yard	Cambridge	1936
CAM.985	Harvard University - 1877 Gate	Harvard Yard	Cambridge	1901
CAM.1214	Harvard University - Canaday Hall	Harvard Yard	Cambridge	1973
CAM.1215	Harvard University - Emerson Hall	Harvard Yard	Cambridge	1904
CAM.1216	Harvard University - Houghton Library	Harvard Yard	Cambridge	1941
CAM.1217	Harvard University - Lamont Library	Harvard Yard	Cambridge	1947
CAM.1218	Harvard University - Lionel Hall	Harvard Yard	Cambridge	1924
CAM.1219	Harvard University - Memorial Church	Harvard Yard	Cambridge	1931
CAM.1220	Harvard University - Mower Hall	Harvard Yard	Cambridge	1924
CAM.1221	Brooks, Phillips House - Harvard Univsersity	Harvard Yard	Cambridge	1898
CAM.1222	Harvard University - Pusey Library	Harvard Yard	Cambridge	1973
CAM.1223	Harvard University - Robinson Hall	Harvard Yard	Cambridge	1900
CAM.1224	Harvard University - Stoughton Hall	Harvard Yard	Cambridge	1804

CAM.1227	Harvard University - Widener Library	Harvard Yard	Cambridge	1913
CAM.520		6 Hastings Sq	Cambridge	1884
CAM.1231	Bates, Jacob H. House	11 Hawthorn St	Cambridge	1813
CAM.194	Daly, Reginald A. House	23 Hawthorn St	Cambridge	1885
CAM.195	Wadsworth House	31 Hawthorn St	Cambridge	1935
CAM.196		35 Hawthorn St	Cambridge	1935
CAM.197	Glaser, Dorothy Merriless House	37 Hawthorn St	Cambridge	1937
CAM.198		41 Hawthorn St	Cambridge	1911
CAM.199	Maynardier, G. B. House	43 Hawthorn St	Cambridge	1900
CAM.1232		49 Hawthorn St	Cambridge	1900
CAM.521		75 Henry St	Cambridge	1892
CAM.1343		82-84 Henry St	Cambridge	
CAM.200	Noyes, J. A. House	1 Highland St	Cambridge	1894
CAM.796	Usher, Samuel House	11 Hillside Ave	Cambridge	1887
CAM.750		11 Holden St	Cambridge	1928
CAM.751		41 Holden St	Cambridge	1840
CAM.752		45 Holden St	Cambridge	1928
CAM.1383	Chadwick, Samuel E. House	10 Hollis St	Cambridge	1853
CAM.1100	Fly Club	2 Holyoke Pl	Cambridge	1899
CAM.1101		9 Holyoke Pl	Cambridge	1930
CAM.1197	Lowell House - Harvard University	10 Holyoke Pl	Cambridge	1929
CAM.1198	Indoor Athletic Building - Harvard University	35-41 Holyoke Pl	Cambridge	1929
CAM.1102		8-10 Holyoke St	Cambridge	1927
CAM.201	Hasty Pudding Club	12 Holyoke St	Cambridge	1887
CAM.1103	Apley Court	16 Holyoke St	Cambridge	1897
CAM.1104	Sawyer, Samuel F. House	20 Holyoke St	Cambridge	1818
CAM.1105		22 Holyoke St	Cambridge	1956
CAM.1106		24 Holyoke St	Cambridge	1963
CAM.1107	Owl Club	30 Holyoke St	Cambridge	1905
CAM.1302		2 Hubbard Pk	Cambridge	1909
CAM.1293		3 Hubbard Pk	Cambridge	1887
CAM.1306	Warren, John L. House	5 Hubbard Pk	Cambridge	1922
CAM.1305	Paine, George House	6 Hubbard Pk	Cambridge	1918
CAM.1295		8 Hubbard Pk	Cambridge	1888
CAM.1301	Nutting, Lillian House	12 Hubbard Pk	Cambridge	1908
CAM.1297		14 Hubbard Pk	Cambridge	1892
CAM.1304		15 Hubbard Pk	Cambridge	1914
CAM.1303	Beach, Revel W. House	19 Hubbard Pk	Cambridge	1913

Inv. No.	Property Name	Street	Town	Year
CAM.1298		20 Hubbard Pk	Cambridge	1892
CAM.1299		26 Hubbard Pk	Cambridge	1894
CAM.1296		32 Hubbard Pk	Cambridge	1890
CAM.1346		15 Humboldt St	Cambridge	
CAM.904	Huron Avenue Bridge over B & M Railroad	Huron Ave	Cambridge	1892
CAM.202	Syrian Orthodox Catholic Church of Saint Mary	8 Inman St	Cambridge	1822
CAM.576	Matthews Apartments	12 Inman St	Cambridge	1966
CAM.1364	Bennett, James House	17 Inman St	Cambridge	1871
CAM.1349	Luke Rowhouse	19 Inman St	Cambridge	1877
CAM.1350	Luke Rowhouse	21 Inman St	Cambridge	1877
CAM.1351	Luke Rowhouse	21 1/2 Inman St	Cambridge	1877
CAM.203		102-104 Inman St	Cambridge	1845
CAM.204		106-108 Inman St	Cambridge	1845
CAM.205		110-112 Inman St	Cambridge	1845
CAM.753		80-82 Irving St	Cambridge	1927
CAM.754		81 Irving St	Cambridge	1916
CAM.755		84-86 Irving St	Cambridge	1927
CAM.756		89 Irving St	Cambridge	1916
CAM.206	James, William House	95 Irving St	Cambridge	1889
CAM.757		99 Irving St	Cambridge	1889
CAM.758		103-103A Irving St	Cambridge	1889
CAM.207	cummings, e. e. House	104 Irving St	Cambridge	1893
CAM.759	Van Dael - DeSola Pool House	105 Irving St	Cambridge	1890
CAM.760		107 Irving St	Cambridge	1891
CAM.761		109 Irving St	Cambridge	1893
CAM.762	Davis, Robert House	110 Irving St	Cambridge	1889
CAM.763		114 Irving St	Cambridge	1911
CAM.764		133 Irving St	Cambridge	1963
CAM.765	American Academy of Arts and Sciences	136 Irving St	Cambridge	1980
CAM.766		138 Irving St	Cambridge	1912
CAM.297	Radcliffe College - Schlesinger Library	James St	Cambridge	1907
CAM.950	Winthrop Square Park	Kennedy St	Cambridge	1631
CAM.1108	Abbott Building	5 Kennedy St	Cambridge	1908
CAM.1109		9-25 Kennedy St	Cambridge	1887
CAM.1110	Farwell, Levi Tenant House	10-14 Kennedy St	Cambridge	1820
CAM.1111	Read Block	18-28 Kennedy St	Cambridge	1885
CAM.1112		29-41 Kennedy St	Cambridge	1971
CAM.1113		30 Kennedy St	Cambridge	1936

Inv. No.	Property Name	Street	Town	
CAM.1114	Garage, The	34-42 Kennedy St	Cambridge	1924
CAM.1115	Fox Club	44 Kennedy St	Cambridge	1906
CAM.1116	Drayton Hall	48 Kennedy St	Cambridge	1901
CAM.1117		50 Kennedy St	Cambridge	1892
CAM.1118		52-54 Kennedy St	Cambridge	1884
CAM.1119	Galeria	55-57 Kennedy St	Cambridge	1974
CAM.1120		56 Kennedy St	Cambridge	1903
CAM.1121	S. A. E. Club	60 Kennedy St	Cambridge	1929
CAM.1122		63-65 Kennedy St	Cambridge	1984
CAM.1200	Hicks, John House - Harvard University	64 Kennedy St	Cambridge	1762
CAM.1199	Smith Hall - Harvard University	70-78 Kennedy St	Cambridge	1913
CAM.208	Loring, Judge Edward - Peirce, Benjamin House	4 Kirkland Pl	Cambridge	1856
CAM.688	Merrill, John House	9 Kirkland Pl	Cambridge	1855
CAM.689	Shaw, Southworth House	10 Kirkland Pl	Cambridge	1856
CAM.690	Green, Louise House	11 Kirkland Pl	Cambridge	1921
CAM.691	Cutler, Isaac House	12 Kirkland Pl	Cambridge	1857
CAM.692	Cutler, George House	13 Kirkland Pl	Cambridge	1857
CAM.693	Ware House	14 Kirkland Pl	Cambridge	1839
CAM.209	Treadwell - Sparks House	21 Kirkland St	Cambridge	1838
CAM.210	Brooks, Luther House	34 Kirkland St	Cambridge	1840
CAM.211	Lovering, Joseph House	38 Kirkland St	Cambridge	1839
CAM.767		49 Kirkland St	Cambridge	1886
CAM.768		55 Kirkland St	Cambridge	1927
CAM.769		57-59 Kirkland St	Cambridge	1927
CAM.212	Eliot, Charles W. House	61 Kirkland St	Cambridge	1858
CAM.213	Child, Francis J. House	67 Kirkland St	Cambridge	1861
CAM.9019	Brown-Rhone, Jill Park	Lafayette Sq	Cambridge	2007
CAM.214	Fresh Pond Hotel	234 Lakeview Ave	Cambridge	1796
CAM.1013		13 Lancaster St	Cambridge	1880
CAM.1005		16 Lancaster St	Cambridge	1892
CAM.1006		18 Lancaster St	Cambridge	1885
CAM.1007		24 Lancaster St	Cambridge	1883
CAM.1014	Sawyer, Chester House	27 Lancaster St	Cambridge	1886
CAM.1015	Hovey, William B. House	29 Lancaster St	Cambridge	1887
CAM.1008		36 Lancaster St	Cambridge	1886
CAM.215	Yerxa House and Carriage House	37 Lancaster St	Cambridge	1887
CAM.216	Larches, The	22 Larch Rd	Cambridge	1808
CAM.1317	Metropolitan District Commission Boat House	Lechmere Canal	Cambridge	1910

Inv. No.	Property Name	Street	Town	Year
CAM.217		15-17 Lee St	Cambridge	1856
CAM.218	Lowell, The	33 Lexington Ave	Cambridge	1900
CAM.1123		5-7 Linden St	Cambridge	1867
CAM.1124	Harvard Square Squash Court	8-10 Linden St	Cambridge	1908
CAM.1125	Delphic Club	9 Linden St	Cambridge	1902
CAM.219	Apthorp, Rev. East House	10 Linden St	Cambridge	1760
CAM.220	Cooper - Frost - Austin House	21 Linnaean St	Cambridge	1681
CAM.221	Peabody Court Apartments	41-43 Linnaean St	Cambridge	1922
CAM.1234	Cambridge Friends Meetinghouse and Center	5 Longfellow Pk	Cambridge	1914
CAM.1233		6 Longfellow Pk	Cambridge	1901
CAM.222	Lowell School	25 Lowell St	Cambridge	1883
CAM.1319	Magazine Beach Bath House	Magazine Beach	Cambridge	1899
CAM.223	First Baptist Church, Cambridge	5 Magazine St	Cambridge	1881
CAM.637	Church Corners Apartments	8-12 Magazine St	Cambridge	1985
CAM.510	Pilgrim Congregational Church	35 Magazine St	Cambridge	1871
CAM.511	Hinman, Joseph House	48 Magazine St	Cambridge	1875
CAM.512	Brewer, Isaac D. - Pulsifer, William Double House	50-52 Magazine St	Cambridge	1852
CAM.513	Grace Methodist Church	56 Magazine St	Cambridge	1886
CAM.224	Flentje, Ernst House	129 Magazine St	Cambridge	1866
CAM.87	Kendall Square Subway Station	Main St	Cambridge	1912
CAM.225	Kendall Square Substation	Main St	Cambridge	1911
CAM.1308	Davenport - Allen and Endicott Factory Headhouse	Main St	Cambridge	1882
CAM.1309	Davenport - Allen and Endicott Factory East Wing	Main St	Cambridge	1848
CAM.1335	Luke Building	135-145 Main St	Cambridge	1874
CAM.1384	Engine House No. 7	350 Main St	Cambridge	1895
CAM.328	Union #2 Engine House	787-789 Main St	Cambridge	1852
CAM.609	Bright Building	853 Main St	Cambridge	1898
CAM.608	Wentworth Building	859-863 Main St	Cambridge	1897
CAM.610	Union Baptist Church	872 Main St	Cambridge	1882
CAM.607	Mellen Building	875 Main St	Cambridge	1897
CAM.606	Andelman, Ezra Building	877-881 Main St	Cambridge	1941
CAM.611	Sawyer, Charles Tenement	882-884 Main St	Cambridge	1873
CAM.605	Whitney, Lucretia and Henry Building	893-907 Main St	Cambridge	1870
CAM.703		6 Maple Ave	Cambridge	
CAM.694	Stevens, Charles B. House	8 Maple Ave	Cambridge	1873
CAM.704		12 Maple Ave	Cambridge	

Inv. No.	Property Name	Street	Town	Year
CAM.705		14-16 Maple Ave	Cambridge	
CAM.702		15 Maple Ave	Cambridge	
CAM.701		19 Maple Ave	Cambridge	
CAM.697	Webster, Francis B. House	20 Maple Ave	Cambridge	1861
CAM.695	Hall, Lewis House	23 Maple Ave	Cambridge	1867
CAM.706		24 Maple Ave	Cambridge	
CAM.700		25 Maple Ave	Cambridge	1920
CAM.707		26 Maple Ave	Cambridge	
CAM.699		27 Maple Ave	Cambridge	
CAM.698		29 Maple Ave	Cambridge	
CAM.696	Munroe, Philip House	31 Maple Ave	Cambridge	1887
CAM.226	Mason, Josiah Jr. House	11 Market St	Cambridge	1831
CAM.295	Radcliffe College Gymnasium	Mason St	Cambridge	1898
CAM.296	Radcliffe College - Agassiz House	Mason St	Cambridge	1904
CAM.227	Norton House Ell	4 Mason St	Cambridge	1847
CAM.228		6-12 Mason St	Cambridge	
CAM.260	M. I. T. Alumni Swimming Pool Building	Massachusetts Ave	Cambridge	1940
CAM.261	Kresge Auditorium	Massachusetts Ave	Cambridge	1953
CAM.262	M. I. T. Chapel	Massachusetts Ave	Cambridge	1954
CAM.901	Harvard Square Subway Kiosk	Massachusetts Ave	Cambridge	1928
CAM.905	Massachusetts Avenue Bridge over Conrail	Massachusetts Ave	Cambridge	1900
CAM.916	Central Square Subway Station	Massachusetts Ave	Cambridge	1912
CAM.921	Harvard Bridge	Massachusetts Ave	Cambridge	1890
CAM.938	Cambridge Common	Massachusetts Ave	Cambridge	1631
CAM.939	Cambridge Common South Traffic Island	Massachusetts Ave	Cambridge	1976
CAM.945	Burying Ground Fence	Massachusetts Ave	Cambridge	1891
CAM.946	Flagstaff Park	Massachusetts Ave	Cambridge	1913
CAM.947	North Little Common	Massachusetts Ave	Cambridge	1858
CAM.949	Central Square Street Pattern	Massachusetts Ave	Cambridge	1630
CAM.334	Cambridge Armory	120 Massachusetts Ave	Cambridge	1902
CAM.332	Metropolitan Storage Warehouse	134 Massachusetts Ave	Cambridge	1895
CAM.1366	New England Confectionery Company Factory	250 Massachusetts Ave	Cambridge	1927
CAM.612	Lamson, The	351-355 Massachusetts Ave	Cambridge	1907
CAM.614	Lafayette Square Fire Station	378 Massachusetts Ave	Cambridge	1893
CAM.613	Shell Gas Station	385 Massachusetts Ave	Cambridge	1948
CAM.615	Salvation Army - Cambridge Citadel	400-402 Massachusetts Ave	Cambridge	1968
CAM.604		401-409 Massachusetts Ave	Cambridge	1966
CAM.603	Taylor, William A. House and Shop	411-413 Massachusetts Ave	Cambridge	1887

Inv. No.				
CAM.602	Barkin and Gorfinkle Building	415-429 Massachusetts Ave	Cambridge	1925
CAM.616	Kennedy, Frank A. Store	424 Massachusetts Ave	Cambridge	1896
CAM.617	Kutz, Issac Store	428 Massachusetts Ave	Cambridge	1910
CAM.229	Kennedy, The	430-442 Massachusetts Ave	Cambridge	1890
CAM.601	Robbins Building	433-447 Massachusetts Ave	Cambridge	1923
CAM.619	Blanchard Building	448-450 Massachusetts Ave	Cambridge	1886
CAM.324	South Row	452-458 Massachusetts Ave	Cambridge	1807
CAM.1393	Dana Row - South Row	452-458 Massachusetts Ave	Cambridge	2003
CAM.599	Rogers, F. W. and G. M. Building	453-457 Massachusetts Ave	Cambridge	1885
CAM.620	Freedman Building	460-464 Massachusetts Ave	Cambridge	1933
CAM.598	McDonald's Restaurant	463-467 Massachusetts Ave	Cambridge	1974
CAM.621	Central Square Realty Trust Building	468-480 Massachusetts Ave	Cambridge	1929
CAM.597	Moller's Furniture Store	485 Massachusetts Ave	Cambridge	1926
CAM.622	Longfellow, The	492-498 Massachusetts Ave	Cambridge	1893
CAM.596	Kane's Furniture Store	493-507 Massachusetts Ave	Cambridge	1916
CAM.625	Burger King Restaraunt	506 Massachusetts Ave	Cambridge	1970
CAM.1394	Hovey, Phineas Building	512-514 Massachusetts Ave	Cambridge	1842
CAM.595	Central Trust Building	515-527 Massachusetts Ave	Cambridge	1927
CAM.627	Miller Store	520 Massachusetts Ave	Cambridge	1924
CAM.628	Rosenwald Realty Corporation Building	522-526 Massachusetts Ave	Cambridge	1928
CAM.230	Odd Fellows Hall	536 Massachusetts Ave	Cambridge	1884
CAM.629	Clark - Lamb Building	546-550 Massachusetts Ave	Cambridge	1873
CAM.630	Albani Building	552-566 Massachusetts Ave	Cambridge	1925
CAM.592	Bullock, Charles Building	567-569 Massachusetts Ave	Cambridge	1859
CAM.591	Central Square Theater	571-577 Massachusetts Ave	Cambridge	1917
CAM.631	Ginsberg Building - Harvard Bazar	572-590 Massachusetts Ave	Cambridge	1913
CAM.590	Morse, Asa P. Building	579-587 Massachusetts Ave	Cambridge	1893
CAM.589	Cambridgeport National Bank Building	593-597 Massachusetts Ave	Cambridge	1869
CAM.632	Manhattan Market - Purity Supreme Super Market	596-610 Massachusetts Ave	Cambridge	1899
CAM.588	Morse, Asa Second Building	599-601 Massachusetts Ave	Cambridge	1905
CAM.587	Fisk and Coleman Building	603-605 Massachusetts Ave	Cambridge	1892
CAM.633	Prospect House	614-620 Massachusetts Ave	Cambridge	1869
CAM.586	Corcoran, John H. Building	615-627 Massachusetts Ave	Cambridge	1927
CAM.634	Holmes Block I	624-638 Massachusetts Ave	Cambridge	1915
CAM.1395	New Holmes Block	624-638 Massachusetts Ave	Cambridge	1998
CAM.585	Woolworth, F. W. Building	633-641 Massachusetts Ave	Cambridge	1950
CAM.584	Watriss Building	643-649 Massachusetts Ave	Cambridge	1880

Inv. No.	Property Name	Street	Town	
CAM.583	Dowse, Thomas House	653-655 Massachusetts Ave	Cambridge	1814
CAM.581	New England Gas and Electric Association II Bldg	671-675 Massachusetts Ave	Cambridge	1966
CAM.642	Central Square Building	674 Massachusetts Ave	Cambridge	1926
CAM.643	Chamberlain - Hyde Building	684-688 Massachusetts Ave	Cambridge	1869
CAM.580	Cambridgeport Savings Bank	689 Massachusetts Ave	Cambridge	1904
CAM.644	Dana Building	692-698 Massachusetts Ave	Cambridge	1872
CAM.645	Southwick Building	700-706 Massachusetts Ave	Cambridge	1908
CAM.646	Norris Building	710-720 Massachusetts Ave	Cambridge	1916
CAM.579	Cambridge Electric Light Building	719 Massachusetts Ave	Cambridge	1912
CAM.647	Thayer Building I	722-724 Massachusetts Ave	Cambridge	1863
CAM.648	Thayer Building II	728-730 Massachusetts Ave	Cambridge	1868
CAM.578	Southwick Building	731-751 Massachusetts Ave	Cambridge	1896
CAM.649	Dobbins and Draper Store	736-750 Massachusetts Ave	Cambridge	1922
CAM.650	Dobbins and Draper Store	736-750 Massachusetts Ave	Cambridge	1922
CAM.231	Cambridge Mutual Fire Insurance Company Building	763 Massachusetts Ave	Cambridge	1888
CAM.232	Central Square Post Office	770 Massachusetts Ave	Cambridge	1933
CAM.233	Cambridge City Hall	795 Massachusetts Ave	Cambridge	1889
CAM.651	Cambridge Senior Center	800-806 Massachusetts Ave	Cambridge	1925
CAM.652	Young Men's Christian Association Building	820-830 Massachusetts Ave	Cambridge	1896
CAM.1396	Brusch Medical Center	825-831 Massachusetts Ave	Cambridge	1951
CAM.653	Saint Peter's Episcopal Church	834 Massachusetts Ave	Cambridge	1867
CAM.654	Modern Manor Apartments	842-864 Massachusetts Ave	Cambridge	1925
CAM.900	Houghton Beech Tree	1000 Massachusetts Ave	Cambridge	
CAM.1127	Brentford Hall	1137 Massachusetts Ave	Cambridge	1899
CAM.1128	Dunham, Israel Houses	1156-1166 Massachusetts Ave	Cambridge	1858
CAM.1129		1168 Massachusetts Ave	Cambridge	1892
CAM.1130		1170-1174 Massachusetts Ave	Cambridge	1849
CAM.1131	Longfellow Court	1200 Massachusetts Ave	Cambridge	1916
CAM.1132	Gulf Gas Station	1201 Massachusetts Ave	Cambridge	1940
CAM.1133		1206 Massachusetts Ave	Cambridge	1965
CAM.1134		1208-1210 Massachusetts Ave	Cambridge	1842
CAM.1135	Quincy Hall	1218 Massachusetts Ave	Cambridge	1891
CAM.1136		1230 Massachusetts Ave	Cambridge	1907
CAM.1137		1234-1238 Massachusetts Ave	Cambridge	1894
CAM.1138	Hamden Hall	1246-1260 Massachusetts Ave	Cambridge	1902
CAM.1139	A. D. Club	1268-1270 Massachusetts Ave	Cambridge	1899

Inv. No.	Property Name	Street	Town	Year
CAM.1140	Niles Building	1280 Massachusetts Ave	Cambridge	1984
CAM.234	Fairfax, The	1300-1306 Massachusetts Ave	Cambridge	1869
CAM.1141	Fairfax - Hilton Block	1310-1312 Massachusetts Ave	Cambridge	1883
CAM.1142	Fairfax - Hilton Block	1316 Massachusetts Ave	Cambridge	1885
CAM.235	Porcellian Club	1320-1324 Massachusetts Ave	Cambridge	1890
CAM.1143	Manter Hall	1325 Massachusetts Ave	Cambridge	1885
CAM.236	Wadsworth House	1341 Massachusetts Ave	Cambridge	1726
CAM.237	Holyoke Center	1350 Massachusetts Ave	Cambridge	1961
CAM.1144	Cambridge Savings Bank	1372-1376 Massachusetts Ave	Cambridge	1923
CAM.1145	Read, Joseph Stacey House	1380-1382 Massachusetts Ave	Cambridge	1783
CAM.1146	Bartlett, Joseph House	1384-1392 Massachusetts Ave	Cambridge	1800
CAM.1147	Harvard Coop Society	1400 Massachusetts Ave	Cambridge	1924
CAM.1148	Harvard Coop Society	1408-1410 Massachusetts Ave	Cambridge	1956
CAM.1149	Harvard Trust Company	1414 Massachusetts Ave	Cambridge	1923
CAM.1150	College House	1420-1442 Massachusetts Ave	Cambridge	1832
CAM.342	Gannet House	1511 Massachusetts Ave	Cambridge	1838
CAM.343	Hemenway Gymnasium	1517 Massachusetts Ave	Cambridge	1938
CAM.344	Hastings Hall	1519 Massachusetts Ave	Cambridge	1888
CAM.345	Harvard Epworth Methodist Church	1555 Massachusetts Ave	Cambridge	1891
CAM.1334	Francis - Allyn House	1564 Massachusetts Ave	Cambridge	1831
CAM.1333	Sawin - Cobb - Wilson House	1626 Massachusetts Ave	Cambridge	1868
CAM.238	Saunders, Charles Hicks House	1627 Massachusetts Ave	Cambridge	1862
CAM.239	Montrose, The	1648 Massachusetts Ave	Cambridge	1898
CAM.240	Dunvegan, The	1654 Massachusetts Ave	Cambridge	1898
CAM.241	Worcester, Frederick House	1734 Massachusetts Ave	Cambridge	1886
CAM.242	North Avenue Congregational Church	1803 Massachusetts Ave	Cambridge	1845
CAM.243	Lovell Block	1853 Massachusetts Ave	Cambridge	1882
CAM.1385	Cambridge Masonic Temple	1950 Massachusetts Ave	Cambridge	1910
CAM.244	Saint James Episcopal Church	1991 Massachusetts Ave	Cambridge	1888
CAM.245	Henderson Carriage Repository	2067-2089 Massachusetts Ave	Cambridge	1892
CAM.246	Cornerstone Baptist Church	2114 Massachusetts Ave	Cambridge	1854
CAM.247	Mead, Alpheus House	2200 Massachusetts Ave	Cambridge	1867
CAM.248	Snow, Daniel House	2210 Massachusetts Ave	Cambridge	1868
CAM.249	McLean, Isaac House	2218 Massachusetts Ave	Cambridge	1894
CAM.250	Farwell, R. H. Double House	2222-2224 Massachusetts Ave	Cambridge	1891
CAM.251	Saint John's Roman Catholic Church	2270 Massachusetts Ave	Cambridge	1904
CAM.1390		2557 Massachusetts Ave	Cambridge	
CAM.1376	Matignon Central Catholic High School	1 Matignon Rd	Cambridge	1946

Inv. No.	Property Name	Street	Town	Year
CAM.1375	Immaculate Conception Catholic Church Convent	33 Matignon Rd	Cambridge	1954
CAM.252	Cambridge Almshouse	45 Matignon Rd	Cambridge	1850
CAM.1374	Cambridge Almshouse Dormitory	45 Matignon Rd	Cambridge	1887
CAM.566	M. I. T. - Pierce, Henry L. Engineering Laboratory	Memorial Dr	Cambridge	1913
CAM.567	M. I. T. - Buildings #2 and #8	Memorial Dr	Cambridge	1913
CAM.568	M. I. T. - Pratt School of Naval Architecture	Memorial Dr	Cambridge	1919
CAM.569	M. I. T. - Homburg Infirmary	Memorial Dr	Cambridge	1927
CAM.570	M. I. T. - Eastman, George Research Laboratories	Memorial Dr	Cambridge	1931
CAM.571	M. I. T. - Rogers, William Barton Building	Memorial Dr	Cambridge	1937
CAM.572	M. I. T. - Walker Memorial	Memorial Dr	Cambridge	1913
CAM.573	M. I. T. - President's House	Memorial Dr	Cambridge	1913
CAM.574	M. I. T. - Senior House	Memorial Dr	Cambridge	1913
CAM.575	M. I. T. - Hayden Library	Memorial Dr	Cambridge	1949
CAM.930	Memorial Drive	Memorial Dr	Cambridge	1896
CAM.933	M. I. T. Memorial Underpass	Memorial Dr	Cambridge	1931
CAM.934	Reid, William J. Overpass	Memorial Dr	Cambridge	1939
CAM.1332	Little, Arthur D. Inc. Building	Memorial Dr	Cambridge	1917
CAM.1398	Lever Brothers Company Administration Building	50 Memorial Dr	Cambridge	1938
CAM.253		100 Memorial Dr	Cambridge	1950
CAM.254	M. I. T. Main Courtyard	182-226 Memorial Dr	Cambridge	1913
CAM.255	Riverbank Court Hotel	305 Memorial Dr	Cambridge	1900
cam.256	Baker House	362 Memorial Dr	Cambridge	1947
CAM.1327	Boston University Boat House	619 Memorial Dr	Cambridge	1913
CAM.257	B & B Chemical Company	780 Memorial Dr	Cambridge	1937
CAM.258	Peabody Terrace	900 Memorial Dr	Cambridge	1958
CAM.1201	Dunster House - Harvard University	945 Memorial Dr	Cambridge	1929
CAM.1202	Gore Hall - Harvard University	960 Memorial Dr	Cambridge	1913
CAM.1203	Standish Hall - Harvard University	966 Memorial Dr	Cambridge	1913
CAM.1204	Eliot House - Harvard University	967 Memorial Dr	Cambridge	1930
CAM.1324	Harvard University - Weld Boat House	971 Memorial Dr	Cambridge	1906
CAM.259	Conventual Church of Saint Mary and Saint John	980 Memorial Dr	Cambridge	1936
CAM.1267	Radnor Hall	983-984 Memorial Dr	Cambridge	1916
CAM.1268	Hampstead Hall	985-986 Memorial Dr	Cambridge	1916
CAM.1269	Barrington Court	987-989 Memorial Dr	Cambridge	1924
CAM.1270	Strathcona-on-the-Charles	992-993 Memorial Dr	Cambridge	1914
CAM.1300		2 Mercer Cir	Cambridge	1894

Inv. No.	Property Name	Street	Town	
CAM.1287		3 Mercer Cir	Cambridge	1885
CAM.1288		4 Mercer Cir	Cambridge	1885
CAM.1294		5 Mercer Cir	Cambridge	1887
CAM.1291		6 Mercer Cir	Cambridge	1886
CAM.1307	Harris, William F. House	7 Mercer Cir	Cambridge	1922
CAM.1289		8 Mercer Cir	Cambridge	1885
CAM.1292		9 Mercer Cir	Cambridge	1886
CAM.1151		11-15 Mifflin Pl	Cambridge	1901
CAM.1152		12-14 Mifflin Pl	Cambridge	1913
CAM.1153		17-19 Mifflin Pl	Cambridge	1972
CAM.1205	McKinlock Hall - Harvard University	8 Mill St	Cambridge	1926
CAM.1206	Leverett House Library and Towers - Harvard Univ.	14-18 Mill St	Cambridge	1958
CAM.263	Cambridge Neighborhood House	79 Moore St	Cambridge	1821
CAM.264	Reversible Collar Company Building	25-27 Mount Auburn St	Cambridge	1860
CAM.1154	Saint Paul's Rectory	32-36 Mount Auburn St	Cambridge	1924
CAM.1155	Speakers Club	43-45 Mount Auburn St	Cambridge	1845
CAM.1156		45 1/2 Mount Auburn St	Cambridge	1971
CAM.1157		47-49 Mount Auburn St	Cambridge	1926
CAM.1158	Claverly Hall	63 Mount Auburn St	Cambridge	1892
CAM.1159		65R Mount Auburn St	Cambridge	1957
CAM.1160	Ridgely Hall	65 Mount Auburn St	Cambridge	1904
CAM.1161	Manter Hall School	71-77 Mount Auburn St	Cambridge	1927
CAM.1162	Phoenix - S. K. Club	72 Mount Auburn St	Cambridge	1915
CAM.1163	Iroquois Club	74 Mount Auburn St	Cambridge	1916
CAM.1164	Spee Club	76 Mount Auburn St	Cambridge	1931
CAM.1165	Willard, Lucy House	78 Mount Auburn St	Cambridge	1839
CAM.1166		90 Mount Auburn St	Cambridge	1971
CAM.1167		92-96 Mount Auburn St	Cambridge	1895
CAM.1168		95-97 Mount Auburn St	Cambridge	1920
CAM.1169		99 Mount Auburn St	Cambridge	1919
CAM.1170	Cantabrigia Club	100 Mount Auburn St	Cambridge	1919
CAM.1171		102 Mount Auburn St	Cambridge	1869
CAM.1172		104 Mount Auburn St	Cambridge	1983
CAM.1173		110 Mount Auburn St	Cambridge	1959
CAM.9	Boston Elevated Railway Division 7 Headquarters	112 Mount Auburn St	Cambridge	1911
CAM.1175	Trinity Hall	114-120 Mount Auburn St	Cambridge	1892

Inv. No.	Property Name	Street	Town	Year
CAM.1177	Waverly Hall	115 Mount Auburn St	Cambridge	1902
CAM.1178		119-123 Mount Auburn St	Cambridge	1988
CAM.1176		120R Mount Auburn St	Cambridge	1982
CAM.1126	U. S. Post Office - Cambridge Branch	125 Mount Auburn St	Cambridge	1953
CAM.791		151 Mount Auburn St	Cambridge	1853
CAM.792		153 Mount Auburn St	Cambridge	1874
CAM.789		154 Mount Auburn St	Cambridge	1852
CAM.790		156-158 Mount Auburn St	Cambridge	1856
CAM.265		173 Mount Auburn St	Cambridge	1905
CAM.266		175 Mount Auburn St	Cambridge	1895
CAM.267		259 Mount Auburn St	Cambridge	1850
CAM.268	Mount Auburn Hospital - Surgical Building	330 Mount Auburn St	Cambridge	1897
CAM.269	Mount Auburn Hospital - Main Building	330 Mount Auburn St	Cambridge	1886
CAM.936	Mount Auburn Cemetery Fence and Gates	580 Mount Auburn St	Cambridge	1843
CAM.270	Mount Auburn Cemetery Reception House	583 Mount Auburn St	Cambridge	1870
CAM.1330	DeRosay - McNamee House	50 Mount Vernon St	Cambridge	1896
CAM.557		1-2 Norfolk Pl	Cambridge	1844
CAM.558		3 Norfolk Pl	Cambridge	1846
CAM.593	Powers, Hannah - Ginsberg, Harris Building	7-15 Norfolk St	Cambridge	1894
CAM.562	Hotel Norfolk	30 Norfolk St	Cambridge	1886
CAM.560		51 Norfolk St	Cambridge	1885
CAM.561		59 Norfolk St	Cambridge	1886
CAM.554		65-67 Norfolk St	Cambridge	1844
CAM.559	Pollard, John House	68-72 Norfolk St	Cambridge	1859
CAM.552		69 Norfolk St	Cambridge	1843
CAM.555		71-73 Norfolk St	Cambridge	1844
CAM.556		75-77 Norfolk St	Cambridge	1844
CAM.551	Fuller, Robert House	79 Norfolk St	Cambridge	1843
CAM.553		87 Norfolk St	Cambridge	1843
CAM.563	Hotel Franklin	90 Norfolk St	Cambridge	1886
CAM.1392	Saint Mary of the Annunciation Catholic Church	134 Norfolk St	Cambridge	1865
CAM.550		1-2 Norfolk Terr	Cambridge	1839
CAM.913	East Cambridge Viaduct - Lechmere Viaduct	O'Brien Hwy	Cambridge	1910
CAM.349	Lockhart, William L. Coffin Factory Warehouse	195-199 O'Brien Hwy	Cambridge	1873
CAM.271	Barnes, James B. House	200 O'Brien Hwy	Cambridge	1824
CAM.348	Lockhart, William L. Coffin Factory Main Building	201 O'Brien Hwy	Cambridge	1870
CAM.272	Lockart, William L. Company Building	209 O'Brien Hwy	Cambridge	1859
CAM.273	Aborn, John House	41 Orchard St	Cambridge	1846

Inv. No.	Property Name	Street	Town	
CAM.274	Billings, Frederick House	45 Orchard St	Cambridge	1846
CAM.1310	Davenport - Allen and Endicott Factory West Wing	Osborn St	Cambridge	1848
CAM.1311	Davenport - Allen Factory West Wing Extension	Osborn St	Cambridge	1848
CAM.1312	Allen and Endicott Factory Extension	Osborn St	Cambridge	1896
CAM.1313	Allen and Endicott Factory Extension	Osborn St	Cambridge	1896
CAM.461	Putnam School	Otis St	Cambridge	1889
CAM.465	Saint Hedwig's Parish Church	Otis St	Cambridge	1939
CAM.468	Otis Hospital	Otis St	Cambridge	
CAM.371	Woodbury, James A. - Geldowsky, Ferdinand Building	2-28 Otis St	Cambridge	1869
CAM.374		31 Otis St	Cambridge	1900
CAM.473	Hall, Lewis and William A. Rowhouse	55 Otis St	Cambridge	1851
CAM.474	Hall, Lewis and William A. Rowhouse	57 Otis St	Cambridge	1851
CAM.475	Hall, Lewis and William A. Rowhouse	59 Otis St	Cambridge	1851
CAM.485	Hazard, Samuel L. House	60 Otis St	Cambridge	1871
CAM.476	Hall, Lewis and William A. Rowhouse	61 Otis St	Cambridge	1851
CAM.484		62 Otis St	Cambridge	
CAM.472	Sortwell, Daniel R. Double House	63-65 Otis St	Cambridge	1871
CAM.483		64 Otis St	Cambridge	
CAM.471		65 1/2 Otis St	Cambridge	
CAM.482	Jones, Andrew - Hall, William A. Double House	66-68 Otis St	Cambridge	1846
CAM.470	Goss, Abiel Double House	67-69 Otis St	Cambridge	1839
CAM.481		70 Otis St	Cambridge	
CAM.469		73-75 Otis St	Cambridge	
CAM.480		74 Otis St	Cambridge	
CAM.479		78 Otis St	Cambridge	
CAM.477	Clark, Josias - Cummings, Daniel P. Rowhouse	80 Otis St	Cambridge	1861
CAM.478	Clark, Josias - Cummings, Daniel P. Rowhouse	82 Otis St	Cambridge	1861
CAM.467	Deshon, Royal P. House	93 Otis St	Cambridge	1842
CAM.460		94 Otis St	Cambridge	
CAM.466		95-97 Otis St	Cambridge	
CAM.459		96 Otis St	Cambridge	
CAM.458		98 Otis St	Cambridge	
CAM.457	Taylor, Oliver House	100 Otis St	Cambridge	1848
CAM.455	Adams, Jabez F. - Atwood, Samuel S. Rowhouse	102 Otis St	Cambridge	1848
CAM.464	Bridgeman, John L. Double House	103-105 Otis St	Cambridge	1843
CAM.456	Adams, Jabez F. - Atwood, Samuel S.	104 Otis St	Cambridge	1848

Inv. No.	Property Name	Street	Town	Year
	Rowhouse			
CAM.454		106-108 Otis St	Cambridge	
CAM.463		107-109 Otis St	Cambridge	
CAM.453		110 Otis St	Cambridge	
CAM.462		113 Otis St	Cambridge	
CAM.439		117 1/2 Otis St	Cambridge	
CAM.440		117-119 Otis St	Cambridge	
CAM.451		118 Otis St	Cambridge	
CAM.450		120 Otis St	Cambridge	
CAM.448	Dennison, James Double House	122-124 Otis St	Cambridge	1870
CAM.449		122 1/2-124 1/2 Otis St	Cambridge	
CAM.438		123 Otis St	Cambridge	
CAM.437		125-127 Otis St	Cambridge	
CAM.447		126-128 Otis St	Cambridge	
CAM.436		129-131 Otis St	Cambridge	
CAM.446		130 Otis St	Cambridge	
CAM.445		132 Otis St	Cambridge	
CAM.435		133-135 Otis St	Cambridge	
CAM.275	Hoyt, Benjamin House	134 Otis St	Cambridge	1868
CAM.443		136-138 Otis St	Cambridge	
CAM.434	Warren, Moses - Smith, Benjamin G. Rowhouse	137 Otis St	Cambridge	1852
CAM.1339	Warren, Moses - Smith, Benjamin G. Rowhouse	139 Otis St	Cambridge	1852
CAM.442		140 Otis St	Cambridge	1895
CAM.1340	Warren, Moses - Smith, Benjamin G. Rowhouse	141 Otis St	Cambridge	1852
CAM.1341	Warren, Moses - Smith, Benjamin G. Rowhouse	143 Otis St	Cambridge	1852
CAM.1342	Warren, Moses - Smith, Benjamin G. Rowhouse	145 Otis St	Cambridge	1852
CAM.433	Fraser, John B. Double House	147-149 Otis St	Cambridge	1846
CAM.432		151 Otis St	Cambridge	
CAM.1179	Coop Annex	18 Palmer St	Cambridge	1964
CAM.276	Urban Rowhouse	30-38 Pearl St	Cambridge	1874
CAM.277	Urban Rowhouse	40-50 Pearl St	Cambridge	1875
CAM.278	Valentine Soap Workers' Cottage	101 Pearl St	Cambridge	1835
CAM.1368	Blessed Sacrament Roman Catholic Church	175 Pearl St	Cambridge	1907
CAM.1370	Blessed Sacrament Roman Catholic Church Rectory	189 Pearl St	Cambridge	1868
CAM.279		3 Phillips Pl	Cambridge	
CAM.280		5 Phillips Pl	Cambridge	1845
CAM.281		7 Phillips Pl	Cambridge	1898

Inv. No.	Property Name	Street	Town	Year
CAM.282		9 Phillips Pl	Cambridge	1870
CAM.1180	Harvard Crimson Newspaper Office	14-18 Plympton St	Cambridge	1915
CAM.1181	Crimson Building Annex	22 Plympton St	Cambridge	1961
CAM.1182	Adams House Dining Hall	28 Plympton St	Cambridge	1930
CAM.1183	Russell Hall	28 Plympton St	Cambridge	1931
CAM.1184	Russell Hall	30-30A Plympton St	Cambridge	1887
CAM.1207	Quincy House - Harvard University	58 Plympton St	Cambridge	1958
CAM.1208	Mather Hall - Harvard University	68-88 Plympton St	Cambridge	1930
CAM.1209		101-103 Plympton St	Cambridge	1870
CAM.1382	Brooks Apartments - Winthrop, John Chambers	78-80 Porter Rd	Cambridge	1915
CAM.283	Willis, Stillman House	1 Potter Pk	Cambridge	1839
CAM.284	Saunders, William House	6 Prentiss St	Cambridge	1843
CAM.1352	Beck - Warren House	1 Prescott St	Cambridge	1833
CAM.285		16 Prescott St	Cambridge	1873
CAM.291	Carpenter Center for the Visual Arts	19 Prescott St	Cambridge	1963
CAM.582	New England Gas and Electric Association I Bldg	45 Prospect St	Cambridge	1960
CAM.286	Prospect Congregational Church	99 Prospect St	Cambridge	1851
CAM.287	Baldwin, Maria House	196 Prospect St	Cambridge	1845
CAM.288	Sands, Hiram House	22 Putnam Ave	Cambridge	1848
CAM.293	Harvard Union	Quincy St	Cambridge	1900
CAM.986	Harvard University - Hallowell Gate	10 Quincy St	Cambridge	1928
CAM.289	Dana, Richard Henry - Palmer, George Herbert House	12-16 Quincy St	Cambridge	1822
CAM.952	Harvard University - Quincy Street Gate	17 Quincy St	Cambridge	1936
CAM.1213	Harvard University - President's House	17 Quincy St	Cambridge	1911
CAM.290	Fogg Art Museum	26-32 Quincy St	Cambridge	1925
CAM.292	Church of the New Jerusalem	50 Quincy St	Cambridge	1903
CAM.1266		60 Raymond St	Cambridge	1927
CAM.298	Mason, W. A. House	87 Raymond St	Cambridge	1846
CAM.299	Stickney, N. U. - Shepard, S. P. Double House	11-13 Remington St	Cambridge	1846
CAM.300	Hooper, Edward W. - Eliot, Rev. Samuel A. House	25-27 Reservoir Rd	Cambridge	1872
CAM.301		59 Rice St	Cambridge	1847
CAM.327	Hews Pottery Company Carriage House	202 Richdale Ave	Cambridge	1897
CAM.302	Kidder - Sargent - McCrehan House	146 Rindge Ave	Cambridge	1792
CAM.303	Wyeth Brickyard Superintendent's House	336 Rindge Ave	Cambridge	1848
CAM.923	River Street Bridge	River St	Cambridge	1926
CAM.304	Urban Rowhouse	26-32 River St	Cambridge	1860

Inv. No.	Property Name	Street	Town	
CAM.330	Ricker, George and Jerediah House	109-113 River St	Cambridge	1844
CAM.305	River Street Firehouse	176 River St	Cambridge	1890
CAM.1211		11 Riverview Ave	Cambridge	1899
CAM.922	Boston University Bridge	Rt 2	Cambridge	1928
CAM.306	Soule, Lawrence Porter House	11 Russell St	Cambridge	1879
CAM.307	Wood, James A. House	3 Sacramento St	Cambridge	1888
CAM.1239	Winthrop Hall - Episcopal Theological School	Saint John's Rd	Cambridge	1892
CAM.529		6-8 Salem St	Cambridge	1829
CAM.530		10 Salem St	Cambridge	1840
CAM.531		15 Salem St	Cambridge	1841
CAM.415	Hastings, Deborah House	72 Sciarappa St	Cambridge	1823
CAM.416		74 Sciarappa St	Cambridge	
CAM.401	Pendexter, Charles House	80-82 Sciarappa St	Cambridge	1847
CAM.1321	Boston Museum of Science	Science Park	Cambridge	1951
CAM.1322	Hayden Planetarium	Science Park	Cambridge	1958
CAM.770		2 Scott St	Cambridge	1889
CAM.771	Thaxter, Roland House	7 Scott St	Cambridge	1891
CAM.772		8 Scott St	Cambridge	1889
CAM.773		11 Scott St	Cambridge	1893
CAM.774		12 Scott St	Cambridge	1894
CAM.775		14 Scott St	Cambridge	1927
CAM.776		18 Scott St	Cambridge	1928
CAM.375	Roby, Ebenezer Rowhouse	30 Second St	Cambridge	1836
CAM.376	Roby, Ebenezer Rowhouse	32 Second St	Cambridge	1836
CAM.377	Roby, Ebenezer Rowhouse	34 Second St	Cambridge	1836
CAM.364	Hall, Jesse Rowhouse	36 Second St	Cambridge	1842
CAM.365	Hall, Jesse Rowhouse	38 Second St	Cambridge	1842
CAM.366	Hall, Jesse Rowhouse	40 Second St	Cambridge	1842
CAM.367	Hall, Jesse Rowhouse	42 Second St	Cambridge	1842
CAM.368	Hall, Jesse Rowhouse	44 Second St	Cambridge	1842
CAM.369	Hall, Jesse Rowhouse	46 Second St	Cambridge	1842
CAM.370		50 Second St	Cambridge	
CAM.308	American Net and Twine Company Factory	155R Second St	Cambridge	1875
CAM.777		1 Shady Hill Sq	Cambridge	1915
CAM.778		2-3 Shady Hill Sq	Cambridge	1915
CAM.779		4-5 Shady Hill Sq	Cambridge	1915
CAM.780		6-7 Shady Hill Sq	Cambridge	1915
CAM.781		8-9 Shady Hill Sq	Cambridge	1915

Inv. No.	Property Name	Street	Town	Year
CAM.782		10-11 Shady Hill Sq	Cambridge	1915
CAM.783		12 Shady Hill Sq	Cambridge	1915
CAM.309	Eliot Hall	51 Shepard St	Cambridge	1907
CAM.310	Bertram Hall	53 Shepard St	Cambridge	1901
CAM.311	Watson, Abraham Jr. House	181-183 Sherman St	Cambridge	1750
CAM.506	Sacred Heart Roman Catholic Church	39 Sixth St	Cambridge	1874
CAM.431		40 Sixth St	Cambridge	
CAM.508	Sacred Heart Roman Catholic Church Rectory	49 Sixth St	Cambridge	1885
CAM.927	Eliot Bridge	Soldier's Field Rd	Cambridge	1950
CAM.1210	Bryan Hall - Harvard University	14-24 South St	Cambridge	1930
CAM.312	Stedman, Samuel House	17 South St	Cambridge	1826
CAM.1185	Harvard Advocate Building	21 South St	Cambridge	1956
CAM.313	Dodge, Edward House	70 Sparks St	Cambridge	1878
CAM.325	Harugari Hall	154 Spring St	Cambridge	1873
CAM.1186		4-6 Story St	Cambridge	1966
CAM.1187		8-12 Story St	Cambridge	1969
CAM.1188		14-16 Story St	Cambridge	1970
CAM.353	Blake and Knowles Core Shop #1	Third St	Cambridge	1889
CAM.354	Blake and Knowles Core Shop #2	Third St	Cambridge	1890
CAM.505	Lechmere Point Corporation Row House	25 Third St	Cambridge	1821
CAM.381	Rollins, John W. Rowhouse	83 Third St	Cambridge	1860
CAM.382	Rollins, John W. Rowhouse	85 Third St	Cambridge	1860
CAM.383	Rollins, John W. Rowhouse	87 Third St	Cambridge	1860
CAM.384	Rollins, John W. Rowhouse	89 Third St	Cambridge	1860
CAM.331	Old Middlesex County Superior Courthouse	90 Third St	Cambridge	1814
CAM.385	Rollins, John W. Rowhouse	91 Third St	Cambridge	1860
CAM.386	Rollins, John W. Rowhouse	93 Third St	Cambridge	1860
CAM.387	Rollins, John W. Rowhouse	95 Third St	Cambridge	1860
CAM.314	Holy Cross Polish National Catholic Church	99 Third St	Cambridge	1827
CAM.315	Bottle House Block	204-214 Third St	Cambridge	1826
CAM.350	Blake and Knowles Machine Shop #1	265 Third St	Cambridge	1889
CAM.351	Blake and Knowles Office Headhouse	265 Third St	Cambridge	1892
CAM.355	Blake and Knowles Smith Shop and Brass Foundry	275 Third St	Cambridge	1890
CAM.326	Cambridge Gas Light Company Purifying Plant	354 Third St	Cambridge	1908
CAM.388	Stevens, Atherton H. Rowhouse	59 Thorndike St	Cambridge	1827
CAM.395	Smallidge, Samuel House	66 Thorndike St	Cambridge	1827
CAM.389	Bates, Moses Jr. House	69 Thorndike St	Cambridge	1844

Inv. No.	Property Name	Street	Town	Year
CAM.396	Buck, Silas B. House	70 Thorndike St	Cambridge	1845
CAM.390	Tufts, Sophia Kimball Double House	71-73 Thorndike St	Cambridge	1857
CAM.397	Wellington, Peter House	74 Thorndike St	Cambridge	1843
CAM.391		75 Thorndike St	Cambridge	
CAM.398		76 Thorndike St	Cambridge	
CAM.392		77 Thorndike St	Cambridge	
CAM.399		78 Thorndike St	Cambridge	
CAM.393		79-81 Thorndike St	Cambridge	
CAM.400		80 Thorndike St	Cambridge	
CAM.394		83 Thorndike St	Cambridge	
CAM.402	Stickney, Francis H. - Davies, Benjamin Rowhouse	84 Thorndike St	Cambridge	1867
CAM.417	Clark, Cornelius - Kneeland, W. W. House	85 Thorndike St	Cambridge	1822
CAM.403	Stickney, Francis H. - Davies, Benjamin Rowhouse	86 Thorndike St	Cambridge	1867
CAM.404	Stickney, Francis H. - Davies, Benjamin Rowhouse	88 Thorndike St	Cambridge	1867
CAM.418		89-91 Thorndike St	Cambridge	
CAM.405	Stickney, Francis H. - Davies, Benjamin Rowhouse	90 Thorndike St	Cambridge	1867
CAM.406	Stickney, Francis H. - Davies, Benjamin Rowhouse	92 Thorndike St	Cambridge	1867
CAM.419	Whitacre, Celeste I. Rowhouse	93 Thorndike St	Cambridge	1885
CAM.407	Stickney, Francis H. - Davies, Benjamin Rowhouse	94 Thorndike St	Cambridge	1867
CAM.420	Whitacre, Celeste I. Rowhouse	95 Thorndike St	Cambridge	1885
CAM.408	Train, Isaac House	96 Thorndike St	Cambridge	1826
CAM.421	Whitacre, Celeste I. Rowhouse	97 Thorndike St	Cambridge	1885
CAM.422	Davies, Daniel House	97 1/2 Thorndike St	Cambridge	1843
CAM.409		98 Thorndike St	Cambridge	
CAM.423		99 Thorndike St	Cambridge	
CAM.424	Daniels, Granville W. House	101 Thorndike St	Cambridge	1868
CAM.410		102 Thorndike St	Cambridge	
CAM.411	Spare, Elijah Jr. Double House	104-106 Thorndike St	Cambridge	1846
CAM.425	Eaton, Charles House	109 Thorndike St	Cambridge	1857
CAM.412	Quimby, Amos House	110 Thorndike St	Cambridge	1857
CAM.426		111-113 Thorndike St	Cambridge	
CAM.413	Stickney, Francis H. Double House	112-114 Thorndike St	Cambridge	1863
CAM.427		113 1/2 Thorndike St	Cambridge	
CAM.414	Bacon, Henry A. House	116 Thorndike St	Cambridge	1865

Inv. No.	Property Name	Street	Town	Year
CAM.507	Sacred Heart Roman Catholic School and Convent	163 Thorndike St	Cambridge	1902
CAM.316	Craigie Arms	2-6 University Rd	Cambridge	1897
CAM.317	Wyeth, Jacob - Smith, Ebenezer House	152 Vassal Ln	Cambridge	1820
CAM.360	Metropolitan Supply Company Warehouse	269 Vassar St	Cambridge	1948
CAM.361	Hovey, F. A. and Company Warehouse	271-275 Vassar St	Cambridge	1940
CAM.362	Metropolitan Supply Company Warehouse	277-287 Vassar St	Cambridge	1939
CAM.363	Metropolitan Supply Company Warehouse	289-293 Vassar St	Cambridge	1939
CAM.989	Walden Street Cattle Pass	Walden St	Cambridge	1857
CAM.1283	Bennink - Douglas Double Cottage	35-37 Walker St	Cambridge	1874
CAM.1284	Bennink - Douglas Double Cottage	39-41 Walker St	Cambridge	1874
CAM.1285	Bennink - Douglas Double Cottage	43-45 Walker St	Cambridge	1874
CAM.1286	Bennink - Douglas Double Cottage	49-51 Walker St	Cambridge	1874
CAM.1034	Sands, Orrin E. House	2 Walnut Ave	Cambridge	1911
CAM.1032		4 Walnut Ave	Cambridge	1878
CAM.1033	Niles, Jacob Harris House	6 Walnut Ave	Cambridge	1884
CAM.1031	Niles, Eugene M. House	9 Walnut Ave	Cambridge	1887
CAM.318	Stanstead, The	19 Ware St	Cambridge	1887
CAM.799	Ritchie, David House	26 Washington Ave	Cambridge	1889
CAM.793	Brown, Laura House	27 Washington Ave	Cambridge	1908
CAM.794	Mellen, James House	33 Washington Ave	Cambridge	1887
CAM.795	Kelley, Stillman F. House	49 Washington Ave	Cambridge	1887
CAM.1000	Boardman, Charles House	58 Washington Ave	Cambridge	1880
CAM.797	Mansfield, Gardiner House	63 Washington Ave	Cambridge	1873
CAM.798	Green, Charles G. House	71 Washington Ave	Cambridge	1877
CAM.1001	Boynton, Morris House	78 Washington Ave	Cambridge	1874
CAM.1002		86-88 Washington Ave	Cambridge	1870
CAM.1003		92 Washington Ave	Cambridge	1876
CAM.1004	Hutchins, Elizabeth House	108 Washington Ave	Cambridge	1924
CAM.319	Melendy, Henry J. House	81 Washington St	Cambridge	1871
CAM.541	Whittemore, Rev. Thomas Double House	271-273 Washington St	Cambridge	1837
CAM.540	Whittemore, Rev. Thomas Double House	288 Washington St	Cambridge	1837
CAM.539	Paige, Rev. Lucius R. House	296 Washington St	Cambridge	1837
CAM.346		1 Waterhouse St	Cambridge	1916
CAM.320	Vassall - Waterhouse - Ware House	7 Waterhouse St	Cambridge	1753
CAM.347		9 Waterhouse St	Cambridge	1887
CAM.335	Christian Science Church	13 Waterhouse St	Cambridge	1923
CAM.988	Fort Washington	95 Waverly St	Cambridge	

Inv. No.	Property Name	Street	Town	Year
CAM.924	Western Avenue Bridge	Western Ave	Cambridge	1924
CAM.638	Cambridge Police Headquarters	5 Western Ave	Cambridge	1933
CAM.948	Central Square Park	22 Western Ave	Cambridge	1987
CAM.321	Read, Cheney House	135 Western Ave	Cambridge	1846
CAM.323	Hasey, Abraham - Wheat, Dr. Samuel House	8 Willard St	Cambridge	1730
CAM.514	Hixon, Edward House	3 William St	Cambridge	1857
CAM.1378	Immaculate Conception (Lithuanian) Catholic Church	432 Windsor St	Cambridge	1910
CAM.1379	Immaculate Conception (Lithuanian) Church Rectory	432 Windsor St	Cambridge	1972
CAM.1380	Immaculate Conception Church Rectory Metal Garage	432 Windsor St	Cambridge	1941
CAM.1381	Immaculate Conception Church Rectory Wood Garage	432 Windsor St	Cambridge	1948
CAM.500		19 Winter St	Cambridge	1855
CAM.492		21 Winter St	Cambridge	1854
CAM.486	Leighton, Thomas H. House	22 Winter St	Cambridge	1833
CAM.491		24 Winter St	Cambridge	1854
CAM.493		25 Winter St	Cambridge	1854
CAM.494		27 Winter St	Cambridge	1854
CAM.496		28-30 Winter St	Cambridge	1854
CAM.495		29 Winter St	Cambridge	1854
CAM.497		31-33 Winter St	Cambridge	1854
CAM.501		34-42 Winter St	Cambridge	1875
CAM.498		61 Winter St	Cambridge	1854
CAM.499		65 Winter St	Cambridge	1854
CAM.489	Stevens, Atherton Haugh House	67 Winter St	Cambridge	1843
CAM.490	Stevens, Atherton Haugh House	71 Winter St	Cambridge	1843
CAM.487	Stevens, Atherton Haugh House	74 Winter St	Cambridge	1838
CAM.1344		75 Winter St	Cambridge	
CAM.1345	Stevens, Atherton Haugh House	77 Winter St	Cambridge	1838
CAM.488	Stevens, Atherton Haugh House	79 Winter St	Cambridge	1838
CAM.1189	Metcalf, Lydia House	41 Winthrop St	Cambridge	1845
CAM.1190		65-67 Winthrop St	Cambridge	1887
CAM.1191	University Lutheran Church	66 Winthrop St	Cambridge	1950
CAM.1192		69 Winthrop St	Cambridge	1835
CAM.1193	Pi Eta Club	89 Winthrop St	Cambridge	1908
CAM.1194	Pi Eta Hall	95 Winthrop St	Cambridge	1896
CAM.1195	Hyde, Isaac - Taylor House	96 Winthrop St	Cambridge	1845

Inv. No.	Property Name	Street	Town	Year
CAM.329	Cox - Hicks House	98 Winthrop St	Cambridge	1806
CAM.951	Winthrop Street Retaining Wall	98 Winthrop St	Cambridge	1725
CAM.1196	Dame School	106 Winthrop St	Cambridge	1800
CAM.909	Yerxa Street Pedestrian Subway	Yerxa St	Cambridge	1904
CAM.1391	Saint Patrick's Roman Catholic Church	40-50 York St	Cambridge	

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National Register of Historic Places Program: Research

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Status of our collection:

We are currently digitizing our records. This has led us to splitting the collection into two parts: 1966-2012 and 2013-present.

Research Properties listed from 1966-2012 in 2 ways:

• Our Database (Focus) - which contains many digitized records.
click here to see what properties (by state) in Focus have been digitized

• Download our complete spreadsheet of listed and removed properties 1966-2012.
the spreadsheet is just a list of properties (both listed and removed)

Research Properties listed from 2013-present (fully digitized)

• 2013 Weekly List Search Engine

Geographical (GIS) Data

• Now available from our Data_Download page

How to best find:

Multiple Property Covers:
Most MPS Covers have been scanned: use the MPS spreadsheet to find the reference number, then use the advanced search feature in Focus to search by reference number.

National Historic Landmark Files:
NHL properties are automatically listed in the National Register of Historic Placees. Most NHL files have been scanned and are in Focus. The NHL website has a page that gives helpful tips on finding the NHL file in Focus. This page on the NHL website

National Park Service Properties:
Most NPS Properties have been scanned and are in Focus. You can search by Park name.

If an address is listed:
You can do an address search in the spreadsheet (for properties listed from 1966-2012) and in the weekly list search engine for new properties. Many properties are within historic districts. You can look for likely districts based on the address field in the spreadsheet. You can also try looking at the GIS data we have.

Determinations of Eligibility:
DOEs have not been scanned. You can download a spreadsheet of Federal DOEs from the Download Center in Focus

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Since its inception in 1966, more than 88,000 properties have been listed in the National Register. Together these records hold information on more than 1.4 million individual resources--buildings, sites, districts, structures, and objects--and therefore provide a link to the country's heritage at the national, state, and local levels.

The Documentation consists of

• National Register registration form, which provides a physical description of the place, information about its history and significance, and a bibliography.

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• Maps

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• Visit our archives. Open Monday through Friday 9:00am to noon. For security reasons, an appointment is necessary to access our building. To schedule an appointment please contact Jeff Joeckel: 202-354-2225 or e-mail

• **Many State Historic Preservation Offices (SHPOs) have digitized their files and put them online**. The depth of information available varies from state to state, but ranges from basic locational information to searchable databases with downloadable narrative descriptions and photos. You can check their websites to see if they have the information you need. List of SHPOs extended information.

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• Request copies of individual nominations either via e-mail please include your mailing address and the property name, county, and state. or postal mail:
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Nation Register of Historic Places Data Base fo Cambridge, MA

Reference Number	Resource Name	Address	State	County	City	Primary Cert	Primary Certdate	Multiple Property Name
79000354	Abbot, Edwin, House	1 Follen St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19790510	
82001883	Aborn, John, House	41 Orchard St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
04000249	Alewife Brook Parkway	Alewife Brook Parkway	MASSACHUSETTS	Middlesex	Cambridge	LI	20040318	Metropolitan Park System of Greater Boston MPS
82001908	Almshouse	41 Orchard St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001906	American Net and Twine Company Factory	155 2nd St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820401	Cambridge MRA
82001916	Ash Street Historic District	Ash St. and Ash St. Place between Brattle and Mount Auburn Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001917	Athenaeum Press	215 1st St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
83000781	Atwood, Ephraim, House	110 Hancock St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
72000128	Austin Hall	Harvard University campus	MASSACHUSETTS	Middlesex	Cambridge	LI	19720419	
83000782	Avon Hill Historic District	Washington and Walnut Aves. and Agassiz, Humboldt, Arlington and Lancaster Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
82001918	B and B Chemical Company	780 Memorial Dr.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
76000272	Baldwin, Maria, House	196 Prospect St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19760511	
82001919	Barnes, James B., House	200 Monsignor O'Brien Hwy.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
96000520	Beck--Warren House	1 Prescott St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19960520	Cambridge MRA
86001272	Bennink--Douglas Cottages	35--51 Walker St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
82001920	Berkeley Street Historic District	Berkeley St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
86001265	Berkeley Street Historic District (Boundary Increase)	1--8 Berkeley Pl.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
86001270	Bertram Hall at Radcliffe College	53 Shepard St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
82001921	Beth Israel Synagogue	238 Columbia St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001922	Bigelow Street Historic District	Bigelow St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001923	Billings, Frederick, House	45 Orchard St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
75000295	Birkhoff, George D., House	22 Craigie	MASSACHUSETTS	Middlesex	Cambridge	LI	19750515	
97000561	Blake and Knowles Steam Pump Company National Register District	Bounded by Third, Binney, Fifth, and Rogers Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19970613	
82001924	Bottle House Block	204-214 3rd St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
86001276	Brabrook, E. H., House	42--44 Avon St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
83000784	Bradbury, William F., House	369 Harvard St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
82001925	Brattle Hall	40 Brattle St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
73000286	Brattle, William, House	42 Brattle St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19730508	
75000298	Bridgman, Percy, House	10 Buckingham Pl.	MASSACHUSETTS	Middlesex	Cambridge	LI	19750515	
86002068	Brooks, Luther, House	34 Kirkland St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860912	Cambridge MRA
82001926	Building at 10 Follen Street	10 Follen St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA

83000790	Building at 102-104 Inman Street	102-104 Inman St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
83000789	Building at 104-106 Hancock Street	104-106 Hancock St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
82001927	Building at 106-108 Inman St	106-108 Inman St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
83000787	Building at 1707-1709 Cambridge Street	1707-1709 Cambridge St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
83000788	Building at 1715-1717 Cambridge Street	1715-1717 Cambridge St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
83000786	Building at 259 Mount Auburn Street	259 Mt. Auburn St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
82001928	Building at 42 Edward J. Lopez Avenue	42 Edward J. Lopez Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001929	Buildings at 110-112 Inman St.	110-112 Inman St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001930	Buildings at 15-17 Lee St.	15-17 Lee St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
83004293	Cambidge Common Historic District Amendment	Massachusetts Ave. and Garden, Waterhouse, Cambridge, and Peabody Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
73000281	Cambridge Common Historic District	Garden, Waterhouse, Cambridge, and Peabody Sts., and Massachusetts Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19730413	Cambridge MRA
87000499	Cambridge Common Historic District (Boundary Increase and Decrease)	Roughly NW of Waterhouse St. on Concord Ave. between Garden and Follen Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19870126	Cambridge MRA
02001189	Cambridge Home for the Aged and Infirm	650 Concord Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	20021022	
82001931	Cambridge Public Library	449 Broadway St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
78000435	Carpenter Center for the Visual Arts	19 Prescott St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19780420	
90000128	Central Square Historic District	Roughly Massachusetts Ave. from Clinton St. to Main St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19900302	Cambridge MRA
78000436	Charles River Basin Historic District	Both banks of Charles River from Eliot Bridge to Charles River Dam	MASSACHUSETTS	Middlesex	Cambridge	LI	19781222	
83000791	Child, Francis J., House	67 Kirkland St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
66000140	Christ Church	Garden St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19661015	
83000792	Church of the New Jerusalem	50 Quincy St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
82001932	City Hall Historic District	Massachusetts Ave., Bigelow and Temple Sts, Inman and Richard Allen Dr.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
83000793	Cloverden	29 Fallen St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
82004968	Colburn, Sarah Foster, House	7 Dana St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001933	Conventual Church of St. Mary and St. John	980 Memorial Dr.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001934	Cook, William, House	71 Appleton St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
83000795	Coolidge, Josiah, House	24 Coolidge Hill Rd.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA

72000124	Cooper-Frost-Austin House	21 Linnaean St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19720922	
79000363	Cornerstone Baptist Church	2114 Massachusetts Ave.	MASSACHUSETTS	Middlesex	Cambridge	RN	19800121	
86001575	Craigie Arms	2--6 University Rd., 122 Mt. Auburn, and 6 Bennett Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860710	Cambridge MRA
83000796	cummings, e.e., House	104 Irving St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
76000305	Daly, Reginald A., House	23 Hawthorn St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19760107	
86001682	Dana--Palmer House	12--16 Quincy St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
76000306	Davis, William Morris, House	17 Francis St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19760107	
82001935	Day, Anna, House	139 Cushing St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001936	Deane-Williams House	21-23 Fayette St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
90000142	DeRosay--McNamee House	50 Mt. Vernon St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19900302	Cambridge MRA
86002071	Divinity Hall	12 Divinity Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860912	Cambridge MRA
82001937	Dodge, Edward, House	70 Sparks St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
86001279	Dunvegan, The	1654 Massachusetts Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
83000797	East Cambridge Historic District	Roughly bounded by Cambridge, Hurley and 5th Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
82001938	East Cambridge Savings Bank	292 Cambridge St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
86001280	Eliot Hall at Radcliffe College	51 Shepard St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
83000798	Ellis, Asa, House	158 Auburn St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
66000364	Elmwood	33 Elmwood Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19661015	
82001939	Farwell, R.H., House	2222-2224 Massachusetts Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
83000799	Fay, Issac, House	123 Antrim St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
75000249	First Baptist Church	Magazine and River Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19750414	
83000800	Flentje, Ernst, House	129 Magazine St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
86001282	Fogg Art Museum	26--32 Quincy St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
86001681	Follen Street Historic District	1--44 and 5--29 Follen St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
73000284	Fort Washington	95 Waverly St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19730403	
82001940	Fresh Pond Hotel	234 Lakeview Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
04001429	Fresh Pond Parkway--Metropolitan Park System of Greater Boston	Fresh Pond Parkway	MASSACHUSETTS	Middlesex	Cambridge	LI	20050105	Metropolitan Park System of Greater Boston MPS
83000801	Frost, David, House	26 Gray St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
83000802	Frost, Elizabeth, Tenanthouse	35 Bowdoin St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
82001941	Frost, Robert, House	29-35 Brewster St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001942	Frost, Walter, House	10 Frost St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
71000686	Fuller, Margaret, House	71 Cherry St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19710702	
87002543	Gale, George, House	14--16 Clinton St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19880210	Cambridge MRA
83000803	Garfield Street Historic District	Garfield St. between Massachusetts Ave. and Oxford St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
86001283	Gray Gardens East and West Historic District	1--37 Gray Gardens E, 3--24 Gray Gardens W, 91 Garden and 60 Raymond Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
66000655	Gray, Asa, House	88 Garden St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19661015	
82001943	Greek Revival Cottage	59 Rice St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA

83000806	Hall Tavern	20 Gray Gardens West St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
86001284	Hapgood, Richard, House	382--392 Harvard St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
86002073	Harvard Houses Historic District	Roughly bounded by Mt. Auburn & Grant & Cowperwaite Sts., Banks St. & Putman Ave., the Memorial River, & Boyleston St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860912	Cambridge MRA
78000440	Harvard Lampoon Building	44 Bow St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19780330	
82001944	Harvard Square Historic District	Massachusetts Ave., Boylston and Brattle Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
86003654	Harvard Square Historic District (Boundary Increase)	Roughly bounded by Harvard & Massachusetts Aves., Mt. Auburn, Winthrop, Bennett, Story & Church Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19880728	Cambridge MRA
78000441	Harvard Square Subway Kiosk	Massachusetts Ave. and Boylston St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19780130	
82001945	Harvard Street Historic District	Harvard St. Between Ellery and Hancock Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
87000500	Harvard Union	Quincy and Harvard Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19870126	Cambridge MRA
87002137	Harvard Yard Historic District	Roughly bounded by underpass, Broadway & Quincy Sts., Massachusetts Ave., & Peabody St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19871214	Cambridge MRA
82001946	Hastings Square Historic District	Roughly bounded by Rockingham, Henry, Chestnut and Brookline Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
70000681	Hastings, Oliver, House	101 Brattle St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19701230	
78000442	Hasty Pudding Club	12 Holyoke St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19780109	
82001947	Henderson Carriage Repository	2067-2089 Massachusetts Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001948	Higginson, Col. Thomas Wentworth, House	29 Buckingham St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
83000807	Hill, Aaron, House	17 Brown St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
83000808	Holmes, Joseph, House	144 Coolidge Hill St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
83004030	Homer-Lovell House	11 Forest St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19831222	Cambridge MRA
83000809	Hooper-Eliot House	25 Reservoir Rd.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
79000355	Hooper-Lee Nichols House	159 Brattle St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19790615	
83000811	Howe House	6 Appleton St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
82001949	Howells, William Dean, House	37 Concord Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001953	Hoyt, Benjamin, House	134 Otis St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001950	Hubbard Park Historic District	Hubbard Park, Mercer Circle and Sparks Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001951	Inman Square Historic District	Hampshire, Cambridge, and Inman Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
86001308	Jarvis, The	27 Everett St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
83000813	Jones, William R., House	307 Harvard St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA

89002285	Kennedy, F. A., Steam Bakery	129 Franklin St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19900104	
82001952	Kidder-Sargent-McCrehan House	146 Rindge Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001954	Kingsley, Chester, House	10 Chester St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
86001683	Kirkland Place Historic District	Kirkland Pl.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
82001955	Lamson, Rufus, House	72-74 Hampshire St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001956	Larches, The	22 Larch Rd.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001957	Lechmere Point Corporation Houses	45-51 Gore St. and 25 3rd St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
76001970	Little, Arthur D., Inc., Building	Memorial Dr.	MASSACHUSETTS	Middlesex	Cambridge	LI	19761208	
86002070	Littlefield--Roberts House	16 Prescott St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860912	Cambridge MRA
66000049	Longfellow National Historic Site	105 Brattle St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19661015	
83000814	Lovell Block	1853 Massachusetts Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
86002076	Lovering, Joseph, House	38 Kirkland St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860912	Cambridge MRA
82001958	Lowell School	25 Lowell St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
83000815	Lowell, The	33 Lexington Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
83000816	Maple Avenue Historic District	Maple Ave. between Marie Ave. and Broadway	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
82001959	Mason, Josiah, Jr., House	11 Market St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
83000817	Mason, W. A., House	87 Raymond St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
66000769	Massachusetts Hall, Harvard University	Harvard University Yard	MASSACHUSETTS	Middlesex	Cambridge	LI	19661015	
82001960	McLean, Isaac, House	2218 Massachusetts Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001961	Mead, Alpheus, House	2200 Massachusetts Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001962	Melvin, Isaac, House	19 Centre St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
86001310	Memorial Drive Apartments Historic District	983--984, 985--986, 987--989, and 992--993 Memorial Dr.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
70000685	Memorial Hall, Harvard University	Cambridge and Quincy Sts., Harvard University campus	MASSACHUSETTS	Middlesex	Cambridge	LI	19701230	
86001311	Montrose, The	1648 Massachusetts Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
75000254	Mount Auburn Cemetery	580 Mount Auburn St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19750421	
83000818	Mount Auburn Cemetery Reception House	583 Mt. Auburn St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
05001209	New England Confectionery Company Factory	250 Massachusetts Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	20051109	
82001963	Newman, Andrew, House	23 Fairmont St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001964	Norfolk Street Historic District	Norfolk St. between Suffolk and Austin Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
83000819	North Avenue Congregational Church	183 Massachusetts Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
82001965	Noyes, J.A., House	1 Highland St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001967	Odd Fellows Hall	536 Massachusetts Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001968	Old Cambridge Baptist Church	398 Harvard St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
83000821	Old Cambridge Historic District	Irregular pattern along Brattle St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA

83000820	Old Cambridgport Historic District	Cherry, Harvard and Washington Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
73000287	Old Harvard Yard	Massachusetts Ave. and Cambridge St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19730206	
82001969	Opposition House	2-4 Hancock Pl.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
83000822	Orne, Sarah, House	10 Coolidge Hill Rd.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
86001312	Peabody Court Apartments	41--43 Linnaean St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
83000824	Porcellian Club	1320-24 Massachusetts Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
73000288	Pratt, Dexter, House	54 Brattle St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19730508	
82001970	Prospect Congregational Church	99 Prospect St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001971	Read, Cheney, House	135 Western Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001972	Reardon, Edmund, House	195 Erie St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
85002663	Reversible Collar Company Building	25--27 Mt. Auburn & 10--12 Arrow Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19850927	Cambridge MRA
76001999	Richards, Theodore W., House	15 Follen St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19760107	
82001973	River Street Firehouse	176 River St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001974	Sacred Heart Church, Rectory, School and Convent	6th and Thorndike Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001975	Salem-Auburn Streets Historic District	Salem and Auburn Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
76000238	Sands, Hiram, House	22 Putnam Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19760430	
82001976	Sands, Ivory, House	145 Elm St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
83000825	Saunders, William, House	6 Prentiss St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
86002075	Sears Tower--Harvard Observatory	60 Garden St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19870226	Cambridge MRA
83000826	Second Cambridge Savings Bank Building	11-21 Dunster St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
83000827	Second Waterhouse House	9 Follen St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
70000732	Sever Hall, Harvard University	Harvard Yard	MASSACHUSETTS	Middlesex	Cambridge	LI	19701230	
86001680	Shady Hill Historic District	Roughly bounded by Museum, Beacon and Holden, and Kirkland Sts., and Francis Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
94000546	Shell Oil Company "Spectacular" Sign	187 Magazine St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19940603	
82001977	Slowey, Patrick, House	73 Bolton St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001978	Soule, Lawrence, House	11 Russell St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
83000828	St. James Episcopal Church	1991 Massachusetts Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
83000829	St. John's Roman Catholic Church	2270 Massachusetts Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
86001313	Stanstead, The	19 Ware St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
86001315	Stickney--Shepard House	11--13 Remington St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
89001246	Stoughton, Mary Fisk, House	90 Brattle St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19890629	
82001979	Taylor Square Firehouse	113 Garden St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
86002078	Treadwell--Sparks House	21 Kirkland St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860912	Cambridge MRA
82001980	Union Railway Car Barn	613-621 Cambridge St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA

70000736	University Hall, Harvard University	Harvard Yard	MASSACHUSETTS	Middlesex	Cambridge	LI	19701230	
86002081	University Museum	11--25 Divinity Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860912	Cambridge MRA
82001981	Upper Magazine Street Historic District	Cottage, Magazine, William and Perry Sts.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
83000831	Urban Rowhouse	26-32 River St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
82001982	Urban Rowhouse	40-48 Pearl St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001983	Urban Rowhouse	30-38 Pearl St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
86001343	US Post Office--Central Square	770 Massachusetts Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860618	
83000832	Valentine Soap Workers Cottage	5-7 Cottage St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
83000833	Valentine Soap Workers Cottage	101 Pearl St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
83000834	Vinal, Albert, House	325 Harvard St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
94000554	Walden Street Cattle Pass	Adjacent to MBTA right-of-way at Walden St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19940603	Cambridge MRA
83000835	Ware Hall	383 Harvard St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19830630	Cambridge MRA
86001317	Warren, Langford H., House	6 Garden Terr.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
82001984	Watson, Abraham, House	181-183 Sherman St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001985	Willis, Stillman, House	1 Potter Park	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001986	Winter Street Historic District	Winter St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
86001318	Withey, S. B., House	10 Appian Way	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
86001319	Wood, J. A., House	3 Sacramento St.	MASSACHUSETTS	Middlesex	Cambridge	LI	19860519	Cambridge MRA
82001987	Wyeth Brickyard Superintendent's House	336 Rindge Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001988	Wyeth, John, House	56 Aberdeen Ave.	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA
82001989	Wyeth-Smith House	152 Vassal Lane	MASSACHUSETTS	Middlesex	Cambridge	LI	19820413	Cambridge MRA

APPENDIX D

Endangered Species Act Documentation

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

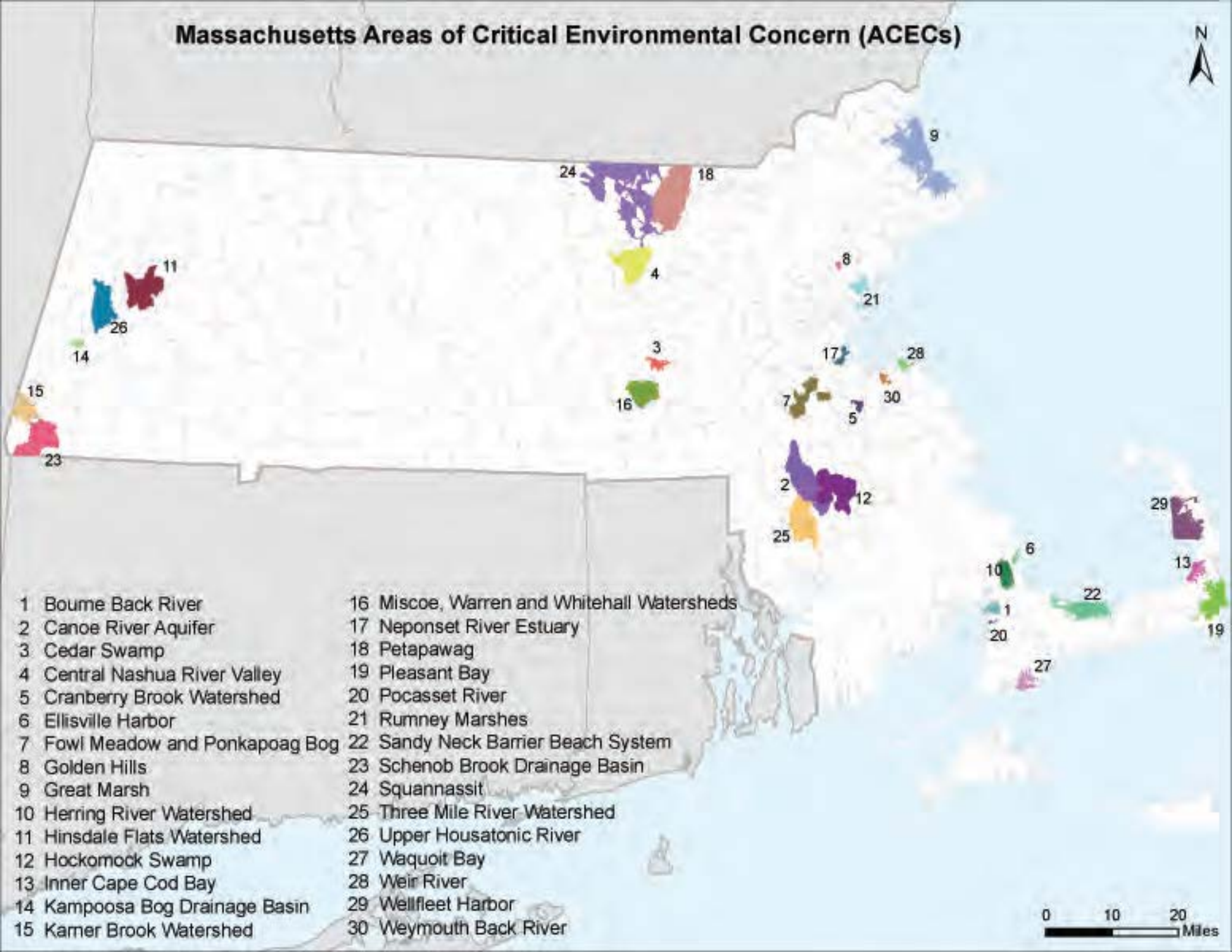
Based on information currently available to us, no federally listed or proposed, threatened or endangered species or critical habitat under the jurisdiction of the U.S. Fish and Wildlife Service are known to occur in the project area(s). Preparation of a Biological Assessment or further consultation 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

Massachusetts Areas of Critical Environmental Concern (ACECs)



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

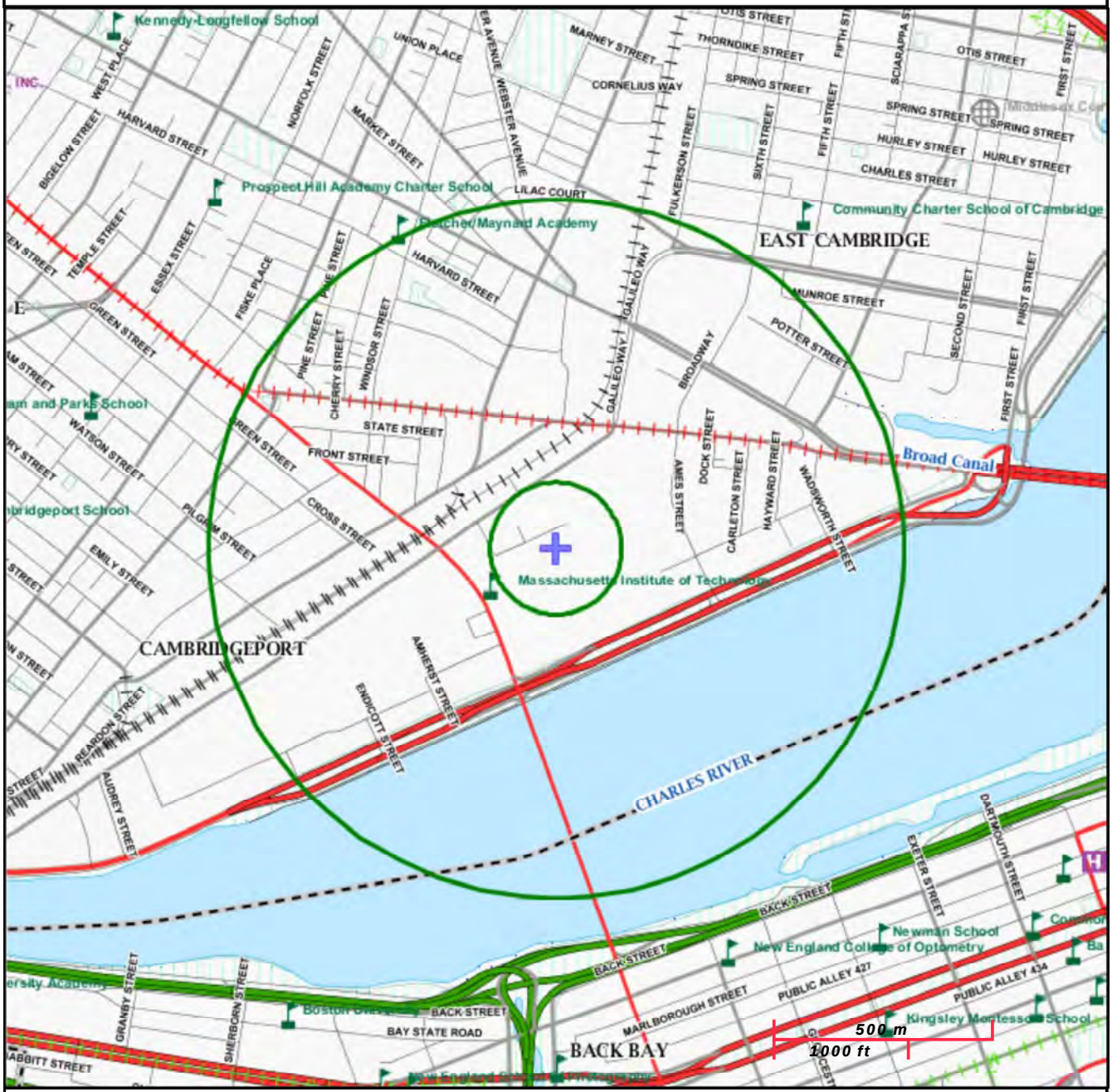
MassDEP - Bureau of Waste Site Cleanup

MCP Numerical Ranking System Map: 500 feet & 0.5 Mile Radii

Site Information:
MEMORIAL DRIVE
100 CAMBRIDGE, MA
NAD83 UTM Meters:
4691887mN , 327760mE (Zone: 19)
April 28, 2014

The information shown is the best available at the date of printing. However, it may be incomplete. The responsible party and LSP are ultimately repsponsible 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.

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

ACEC acreages above are based on MassGIS calculations and may differ from numbers originally presented in designation documents and other ACEC publications due to improvements in accuracy of GIS data and boundary clarifications. Listed acreages have been rounded to the nearest 50 or 10 depending on whether boundary clarification has occurred. For more information please see, http://www.mass.gov/dcr/stewardship/acec/aboutMaps.htm.

Towns with ACECs within their Boundaries — November 2010

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

.

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

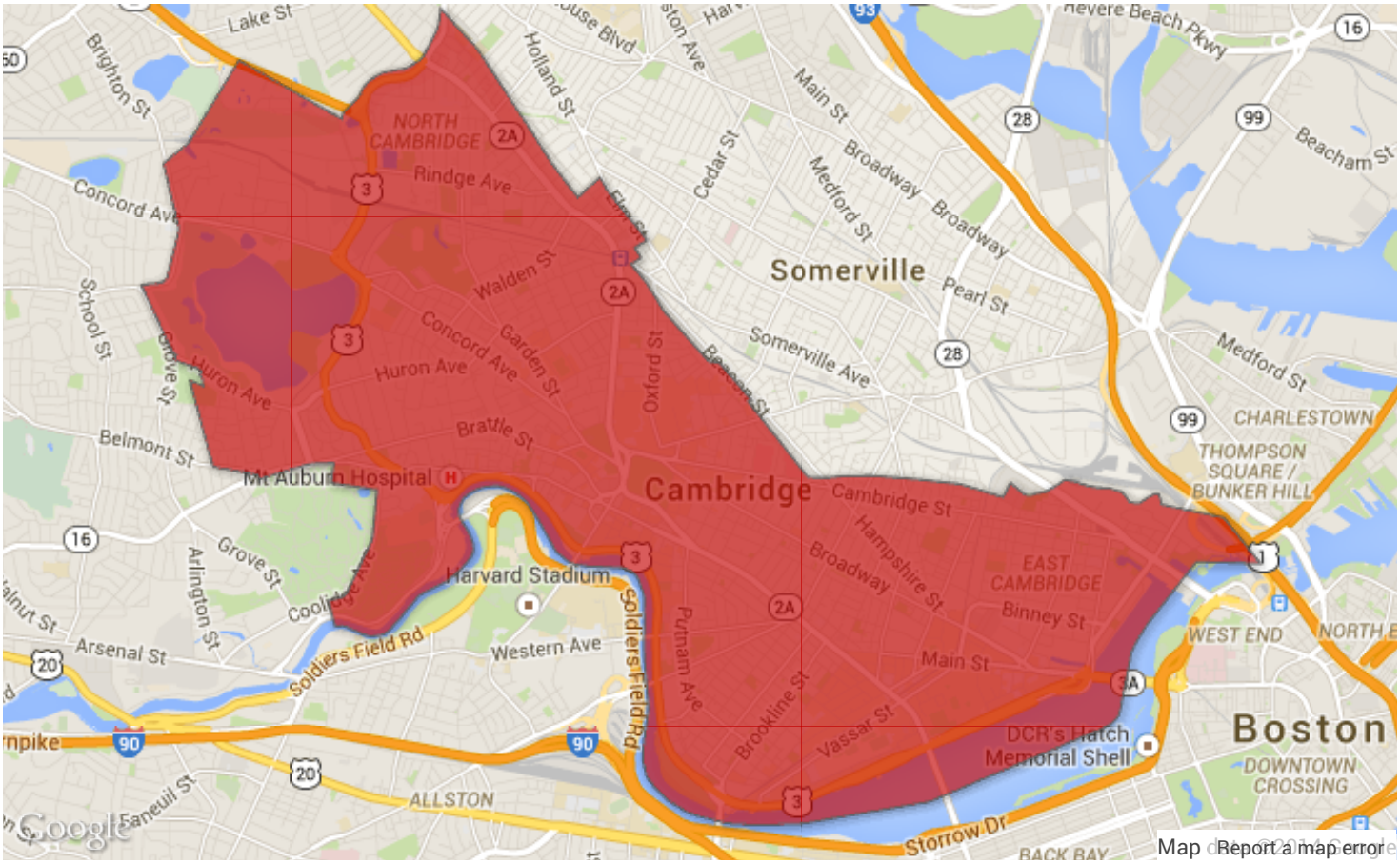
-Eastern cougar and gray wolf are considered extirpated in Massachusetts.
-Endangered gray wolves are not known to be present in Massachusetts, but dispersing individuals from source populations in Canada may occur statewide.
-Critical habitat for the Northern Red-bellied Cooter is present in Plymouth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

Revised 10/7/2011

The Natural Heritage & Endangered Species Program maintains a list of all documented MESA-listed species observations in the Commonwealth. Please select a town if you would like to see a table showing which listed species have been observed in that town. The selected town will also be highlighted on the map. Alternatively you can specify either the Common Name or Scientific Name of a species to see it's distribution on the map and table showing the towns it has been observed in. Clicking on a column header in the table will sort the column. Clicking again on the same column heading will reverse the sort order.

The Town List and Species Viewer will be updated at regular intervals as new data is accepted and entered into the NHESP database.

Town: CAMBRIDGE or Species (Common Name): or Species (Scientific Name):



Showing 1 to 25 of 25 entries Search:

First Previous 1 Next Last

Town	Taxonomic Group	Scientific Name	Common Name	MESA Status	Most Recent Obs
CAMBRIDGE	Amphibian	Ambystoma laterale	Blue-spotted Salamander	SC	1917
CAMBRIDGE	Bird	Ammodramus henslowii	Henslow's Sparrow	E	1871
CAMBRIDGE	Bird	Botaurus lentiginosus	American Bittern	E	1906
CAMBRIDGE	Vascular Plant	Carex gracilescens	Slender Woodland Sedge	E	1891
CAMBRIDGE	Beetle	Cicindela duodecimguttata	Twelve-spotted Tiger	SC	1932

			Beetle		
CAMBRIDGE	Bird	Cistothorus platensis	Sedge Wren	E	1840
CAMBRIDGE	Vascular Plant	Cyperus engelmannii	Engelmann's Umbrella-sedge	T	2008
CAMBRIDGE	Butterfly/Moth	Eacles imperialis	Imperial Moth	T	Historic
CAMBRIDGE	Bird	Falco peregrinus	Peregrine Falcon	E	2013
CAMBRIDGE	Bird	Gallinula chloropus	Common Moorhen	SC	1890
CAMBRIDGE	Vascular Plant	Gentiana andrewsii	Andrews' Bottle Gentian	E	2013
CAMBRIDGE	Reptile	Glyptemys insculpta	Wood Turtle	SC	Historic
CAMBRIDGE	Vascular Plant	Isoetes lacustris	Lake Quillwort	E	Historic
CAMBRIDGE	Bird	Ixobrychus exilis	Least Bittern	E	1890
CAMBRIDGE	Mussel	Ligumia nasuta	Eastern Pondmussel	SC	1940
CAMBRIDGE	Segmented Worm	Macrobdella sestertia	New England Medicinal Leech	SC	Historic
CAMBRIDGE	Fish	Notropis bifrenatus	Bridle Shiner	SC	1928
CAMBRIDGE	Vascular Plant	Platanthera flava var. herbiola	Pale Green Orchis	T	Historic
CAMBRIDGE	Vascular Plant	Potamogeton friesii	Fries' Pondweed	E	1880
CAMBRIDGE	Amphibian	Scaphiopus holbrookii	Eastern Spadefoot	T	1892
CAMBRIDGE	Vascular Plant	Scirpus longii	Long's Bulrush	T	1913
CAMBRIDGE	Vascular Plant	Suaeda calceoliformis	American Sea-blite	SC	1912
CAMBRIDGE	Reptile	Terrapene carolina	Eastern Box Turtle	SC	1892
CAMBRIDGE	Bird	Tyto alba	Barn Owl	SC	Historic
CAMBRIDGE	Vascular Plant	Viola brittoniana	Britton's Violet	T	1843

Show 25 ▼ entries

Hide Additional Info

Status

- E = Endangered • T = Threatened • SC = Special Concern

Most Recent Observation

This field represents the most recent observation of that species in a town. However, because they are rare, many MESA-listed species are difficult to detect even when they are present. Natural Heritage does not have the resources to be able to conduct methodical species surveys in each town on a regular basis. Therefore, the fact that the 'Most Recent Observation' recorded for a species may be several years old should not be interpreted as meaning that the species no longer occurs in a town. However, Natural Heritage regards records older than twenty-five years historic.

For more information about a particular species, view the list of Natural Heritage Fact Sheets.

U.S. Fish and Wildlife Service

Trust Resources List

This resource list is to be used for planning purposes only — it is not an official species list.

Endangered Species Act species list information for your project is available online and listed below for the following FWS Field Offices:

New England Ecological Services Field Office
70 COMMERCIAL STREET, SUITE 300
CONCORD, NH 3301
(603) 223-2541
http://www.fws.gov/newengland

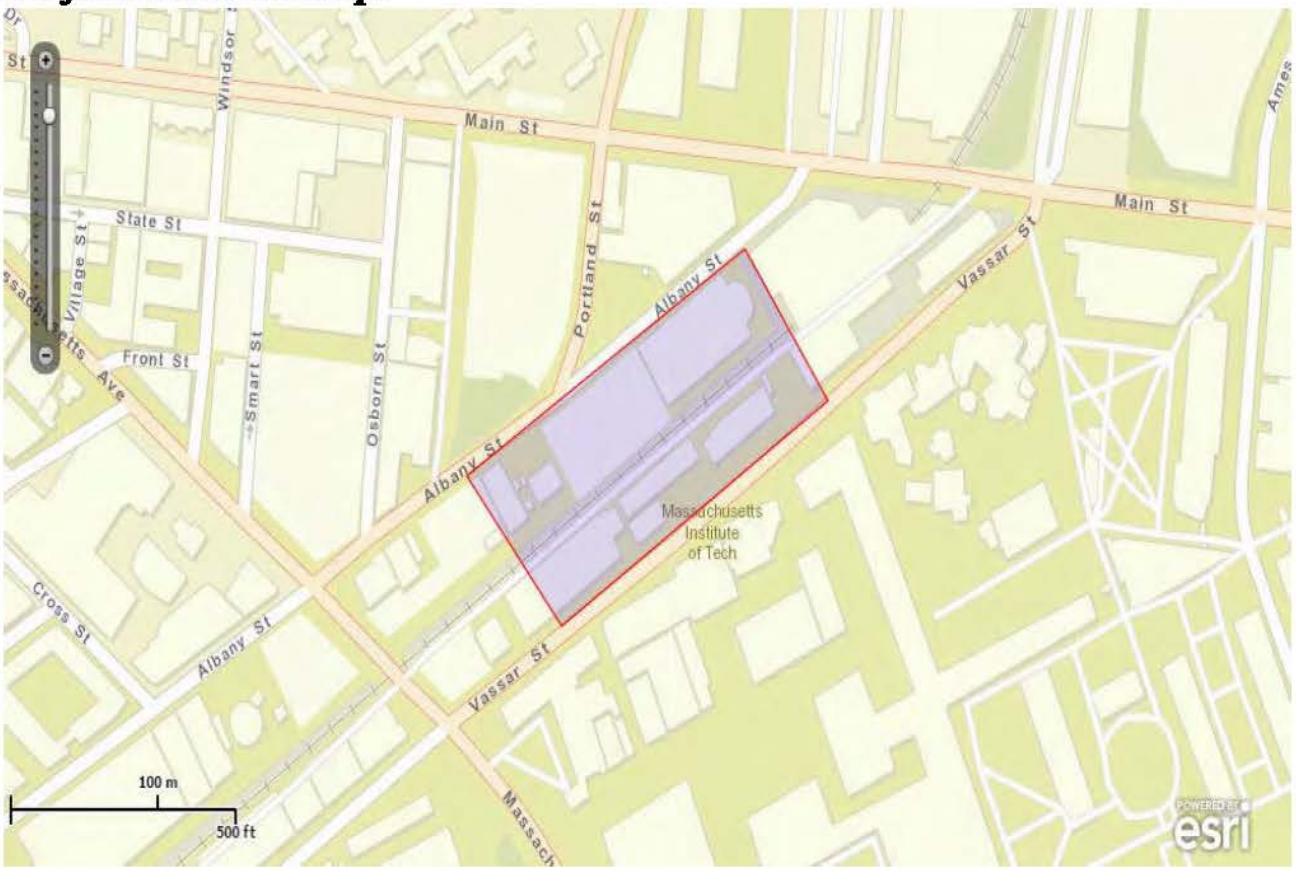
Project Name:

Area 5 / Cogen

U.S. Fish and Wildlife Service

Trust Resources List

Project Location Map:



Project Counties:

Middlesex, MA

Geographic coordinates (Open Geospatial Consortium Well-Known Text, NAD83):

MULTIPOLYGON (((-71.0924015 42.3624445, -71.0917153 42.3617227, -71.0939148 42.3606525, -71.0946974 42.361366, -71.0924015 42.3624445)))

Project Type:

Dredge / Excavation

U.S. Fish and Wildlife Service

Trust Resources List

Endangered Species Act Species List (USFWS Endangered Species Program).

There are no listed species found within the vicinity of your project.

Critical habitats within your project area:

There are no critical habitats within your project area.

FWS National Wildlife Refuges (USFWS National Wildlife Refuges Program).

There are no refuges found within the vicinity of your project.

FWS Migratory Birds (USFWS Migratory Bird Program).

The protection of birds is regulated by the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA). Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. For more information regarding these Acts see: http://www.fws.gov/migratorybirds/RegulationsandPolicies.html.

All project proponents are responsible for complying with the appropriate regulations protecting birds when planning and developing a project. To meet these conservation obligations, proponents should identify potential or existing project-related impacts to migratory birds and their habitat and develop and implement conservation measures that avoid, minimize, or compensate for these impacts. The Service's Birds of Conservation Concern (2008) report identifies species, subspecies, and populations of all migratory nongame birds that, without additional conservation actions, are likely to become listed under the Endangered Species Act as amended (16 U.S.C 1531 et seq.).

For information about Birds of Conservation Concern, go to:
http://www.fws.gov/migratorybirds/CurrentBirdIssues/Management/BCC.html.

To search and view summaries of year-round bird occurrence data within your project area, go to the Avian Knowledge Network Histogram Tool links in the Bird Conservation Tools section at: http://www.fws.gov/migratorybirds/CCMB2.htm.

For information about conservation measures that help avoid or minimize impacts to birds, please visit:
http://www.fws.gov/migratorybirds/CCMB2.htm.

U.S. Fish and Wildlife Service

Trust Resources List

Migratory birds of concern that may be affected by your project:
There are **19** birds on your Migratory birds of concern list. The underlying data layers used to generate the migratory bird list of concern will continue to be updated regularly as new and better information is obtained. User feedback is one method of identifying any needed improvements. Therefore, users are encouraged to submit comments about any questions regarding species ranges (e.g., a bird on the USFWS BCC list you know does not occur in the specified location appears on the list, or a BCC species that you know does occur there is not appearing on the list). Comments should be sent to the ECOS Help Desk.

Species Name	Bird of Conservation Concern (BCC)	Species Profile	Seasonal Occurrence in Project Area
American Oystercatcher (*Haematopus palliatus*)	Yes	species info	Breeding
American bittern (*Botaurus lentiginosus*)	Yes	species info	Breeding
Bald eagle (*Haliaeetus leucocephalus*)	Yes	species info	Year-round
Black-billed Cuckoo (*Coccyzus erythropthalmus*)	Yes	species info	Breeding
Blue-winged Warbler (*Vermivora pinus*)	Yes	species info	Breeding
Canada Warbler (*Wilsonia canadensis*)	Yes	species info	Breeding
Hudsonian Godwit (*Limosa haemastica*)	Yes	species info	Migrating
Least Bittern (*Ixobrychus exilis*)	Yes	species info	Breeding
Peregrine Falcon (*Falco peregrinus*)	Yes	species info	Breeding
Pied-billed Grebe (*Podilymbus podiceps*)	Yes	species info	Breeding
Prairie Warbler (*Dendroica discolor*)	Yes	species info	Breeding
Purple Sandpiper (*Calidris maritima*)	Yes	species info	Wintering
Saltmarsh Sparrow (*Ammodramus caudacutus*)	Yes	species info	Breeding

Trust Resources List

Seaside Sparrow (*Ammodramus maritimus*)	Yes	species info	Breeding
Short-eared Owl (*Asio flammeus*)	Yes	species info	Wintering
Snowy Egret (*Egretta thula*)	Yes	species info	Breeding
Upland Sandpiper (*Bartramia longicauda*)	Yes	species info	Breeding
Wood Thrush (*Hylocichla mustelina*)	Yes	species info	Breeding
Worm eating Warbler (*Helmitheros vermivorum*)	Yes	species info	Breeding

NWI Wetlands (USFWS National Wetlands Inventory).

The U.S. Fish and Wildlife Service is the principal Federal agency that provides information on the extent and status of wetlands in the U.S., via the National Wetlands Inventory Program (NWI). In addition to impacts to wetlands within your immediate project area, wetlands outside of your project area may need to be considered in any evaluation of project impacts, due to the hydrologic nature of wetlands (for example, project activities may affect local hydrology within, and outside of, your immediate project area). It may be helpful to refer to the USFWS National Wetland Inventory website. The designated FWS office can also assist you. Impacts to wetlands and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes. Project Proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate U.S. Army Corps of Engineers District.

Data Limitations, Exclusions and Precautions

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Trust Resources List

Wetlands or other mapped features may have changed since the date of the imagery and/or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Exclusions - Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Precautions - Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

IPaC is unable to display wetland information at this time.

APPENDIX E

City of Cambridge Permit Application

PERMIT TO DEWATER

Location: 50 Albany Street and Area 5 (located behind MIT Bu

Owner: Massachusetts Institute of Technology (MIT)

Contractor: Bond Brothers

Temporary ✔

Permanent ☐

The property owner, Massachusetts Institute of Technology (MIT) agrees to hold harmless and indemnify the City of Cambridge for any liability on the part of the City directly or indirectly arising out of the dewatering operation.

The issuance of this permit is based in part in the submission packet of the applicant with documentation as follows:

NPDES RGP Permit Application: Notice of Intent (NOI), Temporary Construction Dewatering, Massachusetts Institute of Technology, Area 5 and Proposed Central Utility Plant, 50 Albany Street Cambridge, Massachusetts dated 2 March 2015.

In addition, the application has been reviewed by the City under third party agreement as documented in the following reports:

Not Applicable

All activities conducted in conjunction with the issuance of this permit must be in accordance with the provisions of the aforementioned reports. Any deviations in conditions must be reported to and approved by the Commissioner of Public Works.

This permit is in addition to any other street permit issued by the Department in connection with any street excavation or obstruction; and all conditions as specified in the Discharge Permit for Dewatering.

For the entire period of time the groundwater is being discharged to a storm drain, the property owner shall provide copies of each Discharge Monitoring Report Form submitted to the EPA, pursuant to the owner's discharge permit.

If in the future the EPA requires the City of Cambridge to bring existing stormwater drainage into compliance with EPA quality standards, as a condition to the continuation of discharge of that stormwater (also including groundwater) into an EPA regulated system into which the MIT (property owner) drains, the owner will agree to maintain its water discharge with such EPA water quality standards.

The property owner and contractor shall at all times meet the conditions specified in the requisite legal agreement/affidavits.

All groundwater pumped from the work shall be disposed of without damage to pavements, other surfaces or property.

Where material or debris has washed or flowed into or has been placed in existing gutters, drains, pipes or structures, such material or debris shall be entirely removed and satisfactorily disposed of by the

Contractor during the progress of work as directed by the Public Works Department.

Any flooding or damage of property and possessions caused by siltation of existing gutters, pipes or structures shall be the responsibility of the Contractor.

Provisions shall be made to insure that no material, water or solid, will freeze on any pavement or in any location which will cause inconvenience or hazard to the general public.

Upon completion of the work, existing gutters, drains, pipes and structures shall be (bucket) cleaned and material disposed of satisfactorily prior to release by the Public Works Department.

Any permit issued by the City of Cambridge shall be revoked upon transfer of any ownership interest unless and until subsequent owner(s) or parties of interest agree to the foregoing terms.

This permit shall remain in effect for one year and shall be renewable thereafter at the agreement of the parties.

The following special conditions as set forth below are part of the permit.

Not Applicable

	Louis D. Brandini
City Manager	Property Manager: Corporate Entity President, General Partner or Trustee Trustee with Instrument of Authority
	February 23, 2015
Date	Date
	Thomas Walsh Bond
City Solicitor	Contractor
	2.5.15
Date	Date
Commissioner of Public	Contractor
Date	Date

CC: Engineering
Supervisor of Sewer Maintenance and Engineering
Superintendent of Streets
Commissioner of Inspectional Services

APPENDIX F

Laboratory Data Reports

ANALYTICAL REPORT

Lab Number:	L1430777
Client:	Haley & Aldrich, Inc. 465 Medford Street, Suite 2200 Charlestown, MA 02129-1400
ATTN:	Sandhya Potana
Phone:	(617) 886-7484
Project Name:	MIT COGEN
Project Number:	35184-210
Report Date:	12/30/14

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1430777-01	HA14-6 (OW)-1	WATER	Not Specified	12/19/14 09:30	12/19/14

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

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: MIT COGEN
Project Number: 35184-210
Lab Number: L1430777
Report Date: 12/30/14

Case Narrative (continued)

Semivolatile Organics

The WG751526-2/-3 LCS/LCSD recoveries, associated with L1430777-01 (HA14-6 (OW)-1), are below the acceptance criteria for benzidine (4%/0%) and pyridine (8%/7%); however, they have been identified as "difficult" analytes. The results of the associated sample are reported.

PCBs

An LCS/LCSD was performed in lieu of a Matrix Spike due to insufficient sample volume available for analysis.

Metals

L1430777-01 (HA14-6 (OW)-1) has elevated detection limits for antimony and lead due to the dilution required by matrix interferences encountered during analysis.

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: Lisa Westerlind

Title: Technical Director/Representative Date: 12/30/14

ORGANICS

VOLATILES

Project Name: MIT COGEN
Project Number: 35184-210
Lab Number: L1430777
Report Date: 12/30/14

SAMPLE RESULTS

Lab ID: L1430777-01
Client ID: HA14-6 (OW)-1
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/29/14 09:28
Analyst: MM

Date Collected: 12/19/14 09:30
Date Received: 12/19/14
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: MIT COGEN **Lab Number:** L1430777

Project Number: 35184-210 **Report Date:** 12/30/14

SAMPLE RESULTS

Lab ID: L1430777-01 Date Collected: 12/19/14 09:30

Client ID: HA14-6 (OW)-1 Date Received: 12/19/14

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: MIT COGEN **Lab Number:** L1430777

Project Number: 35184-210 **Report Date:** 12/30/14

SAMPLE RESULTS

Lab ID: L1430777-01 Date Collected: 12/19/14 09:30

Client ID: HA14-6 (OW)-1 Date Received: 12/19/14

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	108		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	94		70-130

Project Name: MIT COGEN
Project Number: 35184-210
Lab Number: L1430777
Report Date: 12/30/14

SAMPLE RESULTS

Lab ID: L1430777-01
Client ID: HA14-6 (OW)-1
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8260C-SIM(M)
Analytical Date: 12/29/14 09:28
Analyst: MM

Date Collected: 12/19/14 09:30
Date Received: 12/19/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	--	1

Project Name: MIT COGEN
Project Number: 35184-210
Lab Number: L1430777
Report Date: 12/30/14

SAMPLE RESULTS

Lab ID: L1430777-01
Client ID: HA14-6 (OW)-1
Sample Location: Not Specified
Matrix: Water
Analytical Method: 14,504.1
Analytical Date: 12/22/14 21:17
Analyst: NS

Date Collected: 12/19/14 09:30
Date Received: 12/19/14
Field Prep: Not Specified
Extraction Date: 12/22/14 11:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Microextractables by GC - Westborough Lab							
1,2-Dibromoethane	ND		ug/l	0.010	--	1	A
1,2-Dibromo-3-chloropropane	ND		ug/l	0.010	--	1	A

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 14,504.1
Analytical Date: 12/22/14 19:51
Analyst: NS

Extraction Date: 12/22/14 11:00

Parameter	Result	Qualifier	Units	RL	MDL	
Microextractables by GC - Westborough Lab for sample(s): 01 Batch: WG750902-1						
1,2-Dibromoethane	ND		ug/l	0.010	--	A
1,2-Dibromo-3-chloropropane	ND		ug/l	0.010	--	A

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C-SIM(M)
Analytical Date: 12/29/14 08:55
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG752185-3					
1,4-Dioxane	ND		ug/l	3.0	--

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/29/14 08:55
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG752188-3					
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: MIT COGEN
Project Number: 35184-210
Lab Number: L1430777
Report Date: 12/30/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/29/14 08:55
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG752188-3					
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	--
Iodomethane	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	--
Acrolein	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	--

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/29/14 08:55
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG752188-3					
1,3-Dichloropropane	ND		ug/l	2.5	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--
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	--
Halothane	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	--

Project Name: MIT COGEN
Project Number: 35184-210
Lab Number: L1430777
Report Date: 12/30/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/29/14 08:55
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG752188-3					
1,4-Dioxane	ND		ug/l	250	--
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	--
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	106		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MIT COGEN

Project Number: 35184-210

Lab Number: L1430777

Report Date: 12/30/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Microextractables by GC - Westborough Lab Associated sample(s): 01 Batch: WG750902-2									
1,2-Dibromoethane	98		-		70-130	-		20	A
1,2-Dibromo-3-chloropropane	95		-		70-130	-		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: MIT COGEN

Project Number: 35184-210

Lab Number: L1430777

Report Date: 12/30/14

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: WG752185-1 WG752185-2								
1,4-Dioxane	87		121		70-130	**33**	Q	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MIT COGEN

Project Number: 35184-210

Lab Number: L1430777

Report Date: 12/30/14

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: WG752188-1 WG752188-2								
Methylene chloride	91		85		70-130	7		20
1,1-Dichloroethane	86		81		70-130	6		20
Chloroform	93		89		70-130	4		20
Carbon tetrachloride	87		82		63-132	6		20
1,2-Dichloropropane	94		88		70-130	7		20
Dibromochloromethane	97		94		63-130	3		20
1,1,2-Trichloroethane	99		97		70-130	2		20
2-Chloroethylvinyl ether	97		98		70-130	1		20
Tetrachloroethene	89		84		70-130	6		20
Chlorobenzene	95		92		75-130	3		25
Trichlorofluoromethane	85		78		62-150	9		20
1,2-Dichloroethane	107		100		70-130	7		20
1,1,1-Trichloroethane	92		86		67-130	7		20
Bromodichloromethane	94		90		67-130	4		20
trans-1,3-Dichloropropene	107		104		70-130	3		20
cis-1,3-Dichloropropene	99		92		70-130	7		20
1,1-Dichloropropene	94		89		70-130	5		20
Bromoform	97		95		54-136	2		20
1,1,2,2-Tetrachloroethane	114		110		67-130	4		20
Benzene	93		87		70-130	7		25
Toluene	97		93		70-130	4		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MIT COGEN

Project Number: 35184-210

Lab Number: L1430777

Report Date: 12/30/14

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: WG752188-1 WG752188-2								
Ethylbenzene	97		93		70-130	4		20
Chloromethane	81		70		64-130	15		20
Bromomethane	74		72		39-139	3		20
Vinyl chloride	84		74		55-140	13		20
Chloroethane	83		75		55-138	10		20
1,1-Dichloroethene	89		81		61-145	9		25
trans-1,2-Dichloroethene	87		84		70-130	4		20
Trichloroethene	94		86		70-130	9		25
1,2-Dichlorobenzene	97		94		70-130	3		20
1,3-Dichlorobenzene	96		93		70-130	3		20
1,4-Dichlorobenzene	97		94		70-130	3		20
Methyl tert butyl ether	97		94		63-130	3		20
p/m-Xylene	93		89		70-130	4		20
o-Xylene	93		88		70-130	6		20
cis-1,2-Dichloroethene	90		86		70-130	5		20
Dibromomethane	96		93		70-130	3		20
1,4-Dichlorobutane	116		111		70-130	4		20
Iodomethane	130		130		70-130	0		20
1,2,3-Trichloropropane	117		115		64-130	2		20
Styrene	94		91		70-130	3		20
Dichlorodifluoromethane	86		71		36-147	19		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MIT COGEN

Project Number: 35184-210

Lab Number: L1430777

Report Date: 12/30/14

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: WG752188-1 WG752188-2								
Acetone	146		128		58-148	13		20
Carbon disulfide	79		72		51-130	9		20
2-Butanone	137		135		63-138	1		20
Vinyl acetate	104		100		70-130	4		20
4-Methyl-2-pentanone	116		107		59-130	8		20
2-Hexanone	130		123		57-130	6		20
Ethyl methacrylate	115		111		70-130	4		20
Acrolein	**60**	Q	**66**	Q	70-130	10		20
Acrylonitrile	98		96		70-130	2		20
Bromochloromethane	93		89		70-130	4		20
Tetrahydrofuran	123		118		58-130	4		20
2,2-Dichloropropane	97		90		63-133	7		20
1,2-Dibromoethane	99		97		70-130	2		20
1,3-Dichloropropane	106		102		70-130	4		20
1,1,1,2-Tetrachloroethane	94		91		64-130	3		20
Bromobenzene	94		90		70-130	4		20
n-Butylbenzene	104		101		53-136	3		20
sec-Butylbenzene	101		95		70-130	6		20
tert-Butylbenzene	98		94		70-130	4		20
o-Chlorotoluene	100		95		70-130	5		20
p-Chlorotoluene	103		98		70-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MIT COGEN

Project Number: 35184-210

Lab Number: L1430777

Report Date: 12/30/14

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: WG752188-1 WG752188-2								
1,2-Dibromo-3-chloropropane	124		117		41-144	6		20
Hexachlorobutadiene	94		92		63-130	2		20
Isopropylbenzene	104		99		70-130	5		20
p-Isopropyltoluene	98		93		70-130	5		20
Naphthalene	90		88		70-130	2		20
n-Propylbenzene	101		96		69-130	5		20
1,2,3-Trichlorobenzene	82		79		70-130	4		20
1,2,4-Trichlorobenzene	84		82		70-130	2		20
1,3,5-Trimethylbenzene	100		96		64-130	4		20
1,3,5-Trichlorobenzene	92		90		70-130	2		20
1,2,4-Trimethylbenzene	100		96		70-130	4		20
trans-1,4-Dichloro-2-butene	115		112		70-130	3		20
Halothane	87		81		70-130	7		20
Ethyl ether	102		95		59-134	7		20
Methyl Acetate	111		106		70-130	5		20
Ethyl Acetate	117		111		70-130	5		20
Isopropyl Ether	91		86		70-130	6		20
Cyclohexane	93		86		70-130	8		20
Tert-Butyl Alcohol	129		124		70-130	4		20
Ethyl-Tert-Butyl-Ether	101		96		70-130	5		20
Tertiary-Amyl Methyl Ether	104		100		66-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MIT COGEN

Project Number: 35184-210

Lab Number: L1430777

Report Date: 12/30/14

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: WG752188-1 WG752188-2								
1,4-Dioxane	115		124		56-162	8		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	92		86		70-130	7		20
Methyl cyclohexane	99		93		70-130	6		20
p-Diethylbenzene	99		96		70-130	3		20
4-Ethyltoluene	99		95		70-130	4		20
1,2,4,5-Tetramethylbenzene	98		95		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		113		70-130
Toluene-d8	104		103		70-130
4-Bromofluorobenzene	103		101		70-130
Dibromofluoromethane	98		97		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Microextractables by GC - Westborough Lab Associated sample(s): 01 QC Batch ID: WG750902-3 QC Sample: L1430777-01 Client ID: HA14-6 (OW)-1													
1,2-Dibromoethane	ND	0.25	0.259	104		-	-		70-130	-		20	A
1,2-Dibromo-3-chloropropane	ND	0.25	0.237	95		-	-		70-130	-		20	A

SEMIVOLATILES

Project Name: MIT COGEN
Project Number: 35184-210
Lab Number: L1430777
Report Date: 12/30/14

SAMPLE RESULTS

Lab ID: L1430777-01
Client ID: HA14-6 (OW)-1
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/26/14 15:44
Analyst: RC

Date Collected: 12/19/14 09:30
Date Received: 12/19/14
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 12/23/14 17:59

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: MIT COGEN **Lab Number:** L1430777

Project Number: 35184-210 **Report Date:** 12/30/14

SAMPLE RESULTS

Lab ID: L1430777-01 Date Collected: 12/19/14 09:30

Client ID: HA14-6 (OW)-1 Date Received: 12/19/14

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	41		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	86		41-149

Project Name: MIT COGEN
Project Number: 35184-210
Lab Number: L1430777
Report Date: 12/30/14

SAMPLE RESULTS

Lab ID: L1430777-01
Client ID: HA14-6 (OW)-1
Sample Location: Not Specified
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/14 10:33
Analyst: KV

Date Collected: 12/19/14 09:30
Date Received: 12/19/14
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 12/23/14 18:06

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	ND		ug/l	0.20	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Naphthalene	0.57		ug/l	0.20	--	1
Benzo(a)anthracene	ND		ug/l	0.20	--	1
Benzo(a)pyrene	ND		ug/l	0.20	--	1
Benzo(b)fluoranthene	ND		ug/l	0.20	--	1
Benzo(k)fluoranthene	ND		ug/l	0.20	--	1
Chrysene	ND		ug/l	0.20	--	1
Acenaphthylene	ND		ug/l	0.20	--	1
Anthracene	ND		ug/l	0.20	--	1
Benzo(ghi)perylene	ND		ug/l	0.20	--	1
Fluorene	ND		ug/l	0.20	--	1
Phenanthrene	0.42		ug/l	0.20	--	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	--	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	--	1
Pyrene	ND		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: MIT COGEN **Lab Number:** L1430777

Project Number: 35184-210 **Report Date:** 12/30/14

SAMPLE RESULTS

Lab ID: L1430777-01 Date Collected: 12/19/14 09:30

Client ID: HA14-6 (OW)-1 Date Received: 12/19/14

Sample Location: Not Specified Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	79		41-149

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/26/14 08:32
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 12/23/14 17:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG751526-1					
Acenaphthene	ND		ug/l	2.0	--
Benzidine	ND		ug/l	20	--
1,2,4-Trichlorobenzene	ND		ug/l	5.0	--
Hexachlorobenzene	ND		ug/l	2.0	--
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--
2-Chloronaphthalene	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	--
Fluoranthene	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	--
Hexachlorobutadiene	ND		ug/l	2.0	--
Hexachlorocyclopentadiene	ND		ug/l	20	--
Hexachloroethane	ND		ug/l	2.0	--
Isophorone	ND		ug/l	5.0	--
Naphthalene	ND		ug/l	2.0	--
Nitrobenzene	ND		ug/l	2.0	--
NDPA/DPA	ND		ug/l	2.0	--
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--
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	--

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/26/14 08:32
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 12/23/14 17:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG751526-1					
Di-n-octylphthalate	ND		ug/l	5.0	--
Diethyl phthalate	ND		ug/l	5.0	--
Dimethyl phthalate	ND		ug/l	5.0	--
Benzo(a)anthracene	ND		ug/l	2.0	--
Benzo(a)pyrene	ND		ug/l	2.0	--
Benzo(b)fluoranthene	ND		ug/l	2.0	--
Benzo(k)fluoranthene	ND		ug/l	2.0	--
Chrysene	ND		ug/l	2.0	--
Acenaphthylene	ND		ug/l	2.0	--
Anthracene	ND		ug/l	2.0	--
Benzo(ghi)perylene	ND		ug/l	2.0	--
Fluorene	ND		ug/l	2.0	--
Phenanthrene	ND		ug/l	2.0	--
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--
Pyrene	ND		ug/l	2.0	--
Biphenyl	ND		ug/l	2.0	--
Aniline	ND		ug/l	2.0	--
4-Chloroaniline	ND		ug/l	5.0	--
1-Methylnaphthalene	ND		ug/l	2.0	--
2-Nitroaniline	ND		ug/l	5.0	--
3-Nitroaniline	ND		ug/l	5.0	--
4-Nitroaniline	ND		ug/l	5.0	--
Dibenzofuran	ND		ug/l	2.0	--
2-Methylnaphthalene	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	--

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/26/14 08:32
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 12/23/14 17:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG751526-1					
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	--
Pentachlorophenol	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	40		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	81		41-149

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/14 09:02
Analyst: KV

Extraction Method: EPA 3510C
Extraction Date: 12/23/14 18:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG751528-1					
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: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/28/14 09:02
Analyst: KV

Extraction Method: EPA 3510C
Extraction Date: 12/23/14 18:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG751528-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	75		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

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: WG751526-2 WG751526-3								
Acenaphthene	59		74		37-111	23		30
Benzidine	**4**	Q	**0**	Q	10-75	**183**	Q	30
1,2,4-Trichlorobenzene	53		67		39-98	23		30
Hexachlorobenzene	64		79		40-140	21		30
Bis(2-chloroethyl)ether	56		70		40-140	22		30
2-Chloronaphthalene	56		72		40-140	25		30
1,2-Dichlorobenzene	52		66		40-140	24		30
1,3-Dichlorobenzene	49		65		40-140	28		30
1,4-Dichlorobenzene	50		64		36-97	25		30
3,3'-Dichlorobenzidine	66		68		40-140	3		30
2,4-Dinitrotoluene	67		81		24-96	19		30
2,6-Dinitrotoluene	63		82		40-140	26		30
Azobenzene	65		80		40-140	21		30
Fluoranthene	69		81		40-140	16		30
4-Chlorophenyl phenyl ether	60		75		40-140	22		30
4-Bromophenyl phenyl ether	66		82		40-140	22		30
Bis(2-chloroisopropyl)ether	60		77		40-140	25		30
Bis(2-chloroethoxy)methane	58		73		40-140	23		30
Hexachlorobutadiene	48		62		40-140	25		30
Hexachlorocyclopentadiene	47		61		40-140	26		30
Hexachloroethane	46		59		40-140	25		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

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: WG751526-2 WG751526-3								
Isophorone	57		74		40-140	26		30
Naphthalene	52		66		40-140	24		30
Nitrobenzene	54		70		40-140	26		30
NDPA/DPA	68		81		40-140	17		30
n-Nitrosodi-n-propylamine	62		80		29-132	25		30
Bis(2-ethylhexyl)phthalate	74		90		40-140	20		30
Butyl benzyl phthalate	70		81		40-140	15		30
Di-n-butylphthalate	70		83		40-140	17		30
Di-n-octylphthalate	77		89		40-140	14		30
Diethyl phthalate	64		77		40-140	18		30
Dimethyl phthalate	63		78		40-140	21		30
Benzo(a)anthracene	68		79		40-140	15		30
Benzo(a)pyrene	71		85		40-140	18		30
Benzo(b)fluoranthene	71		85		40-140	18		30
Benzo(k)fluoranthene	70		84		40-140	18		30
Chrysene	67		79		40-140	16		30
Acenaphthylene	56		73		45-123	26		30
Anthracene	68		78		40-140	14		30
Benzo(ghi)perylene	72		83		40-140	14		30
Fluorene	63		78		40-140	21		30
Phenanthrene	66		79		40-140	18		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

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: WG751526-2 WG751526-3								
Dibenzo(a,h)anthracene	71		84		40-140	17		30
Indeno(1,2,3-cd)pyrene	72		85		40-140	17		30
Pyrene	68		78		26-127	14		30
Biphenyl	65		80		40-140	21		30
Aniline	**14**	Q	**13**	Q	40-140	7		30
4-Chloroaniline	40		50		40-140	22		30
1-Methylnaphthalene	55		70		41-103	24		30
2-Nitroaniline	66		87		52-143	27		30
3-Nitroaniline	55		65		25-145	17		30
4-Nitroaniline	70		84		51-143	18		30
Dibenzofuran	63		78		40-140	21		30
2-Methylnaphthalene	58		74		40-140	24		30
n-Nitrosodimethylamine	34		44		22-74	26		30
2,4,6-Trichlorophenol	65		83		30-130	24		30
p-Chloro-m-cresol	65		84		23-97	26		30
2-Chlorophenol	58		75		27-123	26		30
2,4-Dichlorophenol	64		84		30-130	27		30
2,4-Dimethylphenol	55		44		30-130	22		30
2-Nitrophenol	68		88		30-130	26		30
4-Nitrophenol	44		56		10-80	24		30
2,4-Dinitrophenol	72		87		20-130	19		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MIT COGEN

Project Number: 35184-210

Lab Number: L1430777

Report Date: 12/30/14

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: WG751526-2 WG751526-3								
4,6-Dinitro-o-cresol	77		93		20-164	19		30
Pentachlorophenol	76		91		9-103	18		30
Phenol	26		36		12-110	**32**	Q	30
2-Methylphenol	55		69		30-130	23		30
3-Methylphenol/4-Methylphenol	52		68		30-130	27		30
2,4,5-Trichlorophenol	67		87		30-130	26		30
Benzoic Acid	24		28		10-164	15		30
Benzyl Alcohol	48		66		26-116	**32**	Q	30
Carbazole	73		84		55-144	14		30
Pyridine	**8**	Q	**7**	Q	10-66	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	35		46		21-120
Phenol-d6	25		33		10-120
Nitrobenzene-d5	57		73		23-120
2-Fluorobiphenyl	57		73		15-120
2,4,6-Tribromophenol	77		91		10-120
4-Terphenyl-d14	70		80		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: MIT COGEN

Project Number: 35184-210

Lab Number: L1430777

Report Date: 12/30/14

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: WG751528-2 WG751528-3								
Acenaphthene	60		53		37-111	12		40
2-Chloronaphthalene	62		58		40-140	7		40
Fluoranthene	77		62		40-140	22		40
Hexachlorobutadiene	53		50		40-140	6		40
Naphthalene	54		52		40-140	4		40
Benzo(a)anthracene	77		61		40-140	23		40
Benzo(a)pyrene	67		53		40-140	23		40
Benzo(b)fluoranthene	68		54		40-140	23		40
Benzo(k)fluoranthene	72		56		40-140	25		40
Chrysene	73		58		40-140	23		40
Acenaphthylene	65		59		40-140	10		40
Anthracene	68		56		40-140	19		40
Benzo(ghi)perylene	74		60		40-140	21		40
Fluorene	68		58		40-140	16		40
Phenanthrene	67		54		40-140	21		40
Dibenzo(a,h)anthracene	75		60		40-140	22		40
Indeno(1,2,3-cd)pyrene	70		57		40-140	20		40
Pyrene	76		60		26-127	24		40
1-Methylnaphthalene	58		55		40-140	5		40
2-Methylnaphthalene	61		58		40-140	5		40
Pentachlorophenol	71		56		9-103	24		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: MIT COGEN

Project Number: 35184-210

Lab Number: L1430777

Report Date: 12/30/14

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: WG751528-2 WG751528-3								
Hexachlorobenzene	69		57		40-140	19		40
Hexachloroethane	56		51		40-140	9		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	39		33		21-120
Phenol-d6	28		24		10-120
Nitrobenzene-d5	60		52		23-120
2-Fluorobiphenyl	62		55		15-120
2,4,6-Tribromophenol	70		51		10-120
4-Terphenyl-d14	74		55		41-149

PCBS

Project Name: MIT COGEN **Lab Number:** L1430777

Project Number: 35184-210 **Report Date:** 12/30/14

SAMPLE RESULTS

Lab ID:	L1430777-01	Date Collected:	12/19/14 09:30
Client ID:	HA14-6 (OW)-1	Date Received:	12/19/14
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 608
Analytical Method:	5,608	Extraction Date:	12/24/14 07:44
Analytical Date:	12/26/14 19:01	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	12/24/14
		Cleanup Method:	EPA 3660B
		Cleanup Date:	12/24/14

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	53		30-150	A
Decachlorobiphenyl	51		30-150	A

Project Name: MIT COGEN

Project Number: 35184-210

Lab Number: L1430777

Report Date: 12/30/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 5,608
Analytical Date: 12/26/14 19:26
Analyst: JT

Extraction Method: EPA 608
Extraction Date: 12/24/14 07:44
Cleanup Method: EPA 3665A
Cleanup Date: 12/24/14
Cleanup Method: EPA 3660B
Cleanup Date: 12/24/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG751673-1						
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	45		30-150	A
Decachlorobiphenyl	59		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: MIT COGEN

Project Number: 35184-210

Lab Number: L1430777

Report Date: 12/30/14

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: WG751673-2 WG751673-3									
Aroclor 1016	53		62		40-140	16		50	A
Aroclor 1260	60		70		40-140	15		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		56		30-150	A
Decachlorobiphenyl	51		60		30-150	A

Lab Duplicate Analysis
Batch Quality Control

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits	
Polychlorinated Biphenyls by GC - Westborough Lab (OW)-1	Associated sample(s): 01	QC Batch ID: WG751673-4		QC Sample: L1430777-01		Client ID: HA14-6	
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	53		50		30-150	A
Decachlorobiphenyl	51		46		30-150	A

METALS

Project Name: MIT COGEN
Project Number: 35184-210
Lab Number: L1430777
Report Date: 12/30/14

SAMPLE RESULTS

Lab ID: L1430777-01
Client ID: HA14-6 (OW)-1
Sample Location: Not Specified
Matrix: Water
Date Collected: 12/19/14 09:30
Date Received: 12/19/14
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	0.0025	--	5	12/29/14 08:52	12/29/14 16:54	EPA 3005A	1,6020A	BM
Arsenic, Total	0.0160		mg/l	0.0005	--	1	12/29/14 08:52	12/29/14 16:43	EPA 3005A	1,6020A	BM
Cadmium, Total	0.0013		mg/l	0.0002	--	1	12/29/14 08:52	12/29/14 16:43	EPA 3005A	1,6020A	BM
Chromium, Total	0.0027		mg/l	0.0010	--	1	12/29/14 08:52	12/29/14 16:43	EPA 3005A	1,6020A	BM
Copper, Total	0.0048		mg/l	0.0010	--	1	12/29/14 08:52	12/29/14 16:43	EPA 3005A	1,6020A	BM
Iron, Total	16		mg/l	0.05	--	1	12/29/14 08:52	12/29/14 15:21	EPA 3005A	19,200.7	TT
Lead, Total	0.1085		mg/l	0.0050	--	5	12/29/14 08:52	12/29/14 16:54	EPA 3005A	1,6020A	BM
Mercury, Total	ND		mg/l	0.00020	--	1	12/30/14 10:24	12/30/14 15:37	EPA 245.1	3,245.1	AB
Nickel, Total	0.0048		mg/l	0.0005	--	1	12/29/14 08:52	12/29/14 16:43	EPA 3005A	1,6020A	BM
Selenium, Total	ND		mg/l	0.005	--	1	12/29/14 08:52	12/29/14 16:43	EPA 3005A	1,6020A	BM
Silver, Total	ND		mg/l	0.0004	--	1	12/29/14 08:52	12/29/14 16:43	EPA 3005A	1,6020A	BM
Zinc, Total	0.2652		mg/l	0.0100	--	1	12/29/14 08:52	12/29/14 16:43	EPA 3005A	1,6020A	BM

Project Name: MIT COGEN
Project Number: 35184-210
Lab Number: L1430777
Report Date: 12/30/14

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: WG752031-1										
Antimony, Total	ND		mg/l	0.0005	--	1	12/29/14 08:52	12/29/14 16:12	1,6020A	BM
Arsenic, Total	ND		mg/l	0.0005	--	1	12/29/14 08:52	12/29/14 16:12	1,6020A	BM
Cadmium, Total	ND		mg/l	0.0002	--	1	12/29/14 08:52	12/29/14 16:12	1,6020A	BM
Chromium, Total	ND		mg/l	0.0010	--	1	12/29/14 08:52	12/29/14 16:12	1,6020A	BM
Copper, Total	ND		mg/l	0.0010	--	1	12/29/14 08:52	12/29/14 16:12	1,6020A	BM
Lead, Total	ND		mg/l	0.00050	--	1	12/29/14 08:52	12/29/14 16:12	1,6020A	BM
Nickel, Total	ND		mg/l	0.0005	--	1	12/29/14 08:52	12/29/14 16:12	1,6020A	BM
Selenium, Total	ND		mg/l	0.005	--	1	12/29/14 08:52	12/29/14 16:12	1,6020A	BM
Silver, Total	ND		mg/l	0.0004	--	1	12/29/14 08:52	12/29/14 16:12	1,6020A	BM
Zinc, Total	ND		mg/l	0.0100	--	1	12/29/14 08:52	12/29/14 16:12	1,6020A	BM

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: WG752032-1										
Iron, Total	ND		mg/l	0.05	--	1	12/29/14 08:52	12/29/14 15:09	19,200.7	TT

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: WG752504-1										
Mercury, Total	ND		mg/l	0.00020	--	1	12/30/14 10:24	12/30/14 14:18	3,245.1	AB

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis

Batch Quality Control

Project Name: MIT COGEN

Project Number: 35184-210

Lab Number: L1430777

Report Date: 12/30/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG752031-2								
Antimony, Total	96		-		80-120	-		
Arsenic, Total	89		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Chromium, Total	97		-		80-120	-		
Copper, Total	90		-		80-120	-		
Lead, Total	102		-		80-120	-		
Nickel, Total	94		-		80-120	-		
Selenium, Total	92		-		80-120	-		
Silver, Total	100		-		80-120	-		
Zinc, Total	96		-		80-120	-		
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG752032-2								
Iron, Total	97		-		85-115	-		
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG752504-2								
Mercury, Total	107		-		85-115	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

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: WG752031-4 QC Sample: L1431121-02 Client ID: MS Sample												
Antimony, Total	0.0034	0.5	0.4643	92		-	-		75-125	-		20
Arsenic, Total	0.0166	0.12	0.1195	86		-	-		75-125	-		20
Cadmium, Total	0.0003	0.051	0.0503	98		-	-		75-125	-		20
Chromium, Total	0.0113	0.2	0.1811	85		-	-		75-125	-		20
Copper, Total	0.0016	0.25	0.2176	86		-	-		75-125	-		20
Lead, Total	0.0014	0.51	0.4937	96		-	-		75-125	-		20
Nickel, Total	0.0010	0.5	0.4306	86		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.107	89		-	-		75-125	-		20
Silver, Total	ND	0.05	0.0480	96		-	-		75-125	-		20
Zinc, Total	0.0221	0.5	0.4525	86		-	-		75-125	-		20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG752032-4 QC Sample: L1431121-02 Client ID: MS Sample												
Iron, Total	ND	1	0.98	98		-	-		75-125	-		20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG752504-4 QC Sample: L1430571-01 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00498	100		-	-		70-130	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG752031-3 QC Sample: L1431121-02 Client ID: DUP Sample						
Cadmium, Total	0.0003	0.0004	mg/l	**43**	Q	20
Chromium, Total	0.0113	0.010	mg/l	12		20
Copper, Total	0.0016	0.0015	mg/l	4		20
Lead, Total	0.0014	0.0011	mg/l	**23**	Q	20
Nickel, Total	0.0010	0.0009	mg/l	6		20
Zinc, Total	0.0221	0.0210	mg/l	5		20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG752032-3 QC Sample: L1431121-02 Client ID: DUP Sample						
Iron, Total	ND	ND	mg/l	NC		20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG752504-3 QC Sample: L1430571-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

SAMPLE RESULTS

Lab ID: L1430777-01
Client ID: HA14-6 (OW)-1
Sample Location: Not Specified
Matrix: Water

Date Collected: 12/19/14 09:30
Date Received: 12/19/14
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	52.		mg/l	5.0	NA	1	-	12/22/14 16:15	30,2540D	DW
Cyanide, Total	ND		mg/l	0.005	--	1	12/20/14 00:10	12/20/14 12:52	30,4500CN-CE	ML
Cyanide, Amenable	ND		mg/l	0.010	--	2	12/23/14 11:34	12/23/14 16:50	30,4500CN-G	SP
Cyanide, Physiologically Available	ND		mg/l	0.005	--	1	12/23/14 09:23	12/23/14 13:55	64,9014(M)	JO
Chlorine, Total Residual	ND		mg/l	0.02	--	1	-	12/20/14 03:14	30,4500CL-D	LH
TPH	ND		mg/l	4.00	--	1	12/21/14 14:00	12/22/14 15:15	74,1664A	ML
Phenolics, Total	ND		mg/l	0.030	--	1	12/22/14 09:30	12/22/14 12:26	4,420.1	MP
Chromium, Hexavalent	ND		mg/l	0.010	--	1	12/20/14 06:00	12/20/14 07:24	30,3500CR-B	LH
Anions by Ion Chromatography - Westborough Lab										
Chloride	4810		mg/l	50.0	--	100	-	12/23/14 18:58	44,300.0	AU

Project Name: MIT COGEN
Project Number: 35184-210
Lab Number: L1430777
Report Date: 12/30/14

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: WG750536-1										
Cyanide, Total	ND		mg/l	0.005	--	1	12/20/14 00:10	12/20/14 12:43	30,4500CN-CE	ML
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG750560-1										
Chlorine, Total Residual	ND		mg/l	0.02	--	1	-	12/20/14 03:14	30,4500CL-D	LH
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG750577-1										
Chromium, Hexavalent	ND		mg/l	0.010	--	1	12/20/14 06:00	12/20/14 07:22	30,3500CR-B	LH
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG750818-1										
TPH	ND		mg/l	4.00	--	1	12/21/14 14:00	12/22/14 15:15	74,1664A	ML
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG750874-1										
Phenolics, Total	ND		mg/l	0.030	--	1	12/22/14 09:30	12/22/14 12:21	4,420.1	MP
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG750941-1										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	12/22/14 16:15	30,2540D	DW
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG751325-1										
Cyanide, Physiologically Available	ND		mg/l	0.005	--	1	12/23/14 09:23	12/23/14 13:51	64,9014(M)	JO
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG751441-1										
Cyanide, Amenable	ND		mg/l	0.010	--	2	12/23/14 11:34	12/23/14 16:50	30,4500CN-G	SP
Anions by Ion Chromatography - Westborough Lab for sample(s): 01 Batch: WG751611-1										
Chloride	ND		mg/l	0.500	--	1	-	12/23/14 18:34	44,300.0	AU

Lab Control Sample Analysis

Batch Quality Control

Project Name: MIT COGEN

Project Number: 35184-210

Lab Number: L1430777

Report Date: 12/30/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG750536-2								
Cyanide, Total	105		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG750560-2								
Chlorine, Total Residual	97		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG750577-2								
Chromium, Hexavalent	98		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG750818-2								
TPH	85		-		64-132	-		34
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG750874-2								
Phenolics, Total	97		-		70-130	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG751325-2 WG751325-3								
Cyanide, Physiologically Available	105		106		80-120	1		
General Chemistry - Westborough Lab NEGATIVE LCS Associated sample(s): 01 Batch: WG751325-4								
Cyanide, Physiologically Available	**1**		-		0-10	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MIT COGEN

Project Number: 35184-210

Lab Number: L1430777

Report Date: 12/30/14

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG751441-2					
Cyanide, Amenable	92	-		-	
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01 Batch: WG751611-2					
Chloride	98	-	90-110	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

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: WG750536-4 QC Sample: L1430766-01 Client ID: MS Sample												
Cyanide, Total	0.049	0.2	0.299	**125**	Q	-	-		90-110	-		30
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG750577-4 QC Sample: L1430777-01 Client ID: HA14-6 (OW)-1												
Chromium, Hexavalent	ND	0.1	0.101	101		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG750818-4 QC Sample: L1430783-01 Client ID: MS Sample												
TPH	ND	22.2	17.3	78		-	-		64-132	-		34
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG750874-4 QC Sample: L1430783-01 Client ID: MS Sample												
Phenolics, Total	ND	0.4	0.39	97		-	-		70-130	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG751325-5 QC Sample: L1430777-01 Client ID: HA14-6 (OW)-1												
Cyanide, Physiologically Available	ND	0.2	0.214	107		-	-		75-125	-		20
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01 QC Batch ID: WG751611-3 QC Sample: L1430557-02 Client ID: MS Sample												
Chloride	ND	4	4.14	104		-	-		40-151	-		18

Lab Duplicate Analysis
Batch Quality Control

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG750536-3 QC Sample: L1430763-02 Client ID: DUP Sample						
Cyanide, Total	0.070	0.052	mg/l	30		30
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG750560-3 QC Sample: L1430783-01 Client ID: DUP Sample						
Chlorine, Total Residual	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG750577-3 QC Sample: L1430777-01 Client ID: HA14-6 (OW)-1						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG750818-3 QC Sample: L1430777-01 Client ID: HA14-6 (OW)-1						
TPH	ND	ND	mg/l	NC		34
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG750874-3 QC Sample: L1430783-01 Client ID: DUP Sample						
Phenolics, Total	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG750941-2 QC Sample: L1430550-01 Client ID: DUP Sample						
Solids, Total Suspended	1000	1100	mg/l	10		29
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG751325-6 QC Sample: L1430777-01 Client ID: HA14-6 (OW)-1						
Cyanide, Physiologically Available	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG751441-3 QC Sample: L1430777-01 Client ID: HA14-6 (OW)-1						
Cyanide, Amenable	ND	ND	mg/l	NC		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01 QC Batch ID: WG751611-4 QC Sample: L1430557-02 Client ID: DUP Sample						
Chloride	ND	ND	mg/l	NC		18

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1430777-01A	Vial HCl preserved	B	N/A	2.2	Y	Absent	8260-SIM(14),8260(14)
L1430777-01A1	Vial HCl preserved	B	N/A	2.2	Y	Absent	8260-SIM(14),8260(14)
L1430777-01B	Vial HCl preserved	B	N/A	2.2	Y	Absent	8260-SIM(14),8260(14)
L1430777-01B1	Vial HCl preserved	B	N/A	2.2	Y	Absent	8260-SIM(14),8260(14)
L1430777-01C	Vial HCl preserved	B	N/A	2.2	Y	Absent	8260-SIM(14),8260(14)
L1430777-01C1	Vial HCl preserved	B	N/A	2.2	Y	Absent	8260-SIM(14),8260(14)
L1430777-01D	Vial Na2S2O3 preserved	B	N/A	2.2	Y	Absent	504(14)
L1430777-01E	Vial Na2S2O3 preserved	B	N/A	2.2	Y	Absent	504(14)
L1430777-01F	Plastic 250ml NaOH preserved	B	>12	2.2	Y	Absent	TCN-4500(14),ACN-4500(14),PACN(14)
L1430777-01F1	Plastic 250ml NaOH preserved	B	>12	2.2	Y	Absent	TCN-4500(14)
L1430777-01G	Plastic 250ml HNO3 preserved	B	<2	2.2	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)
L1430777-01H	Plastic 250ml HNO3 preserved	B	<2	2.2	Y	Absent	HOLD-METAL(180)
L1430777-01I	Plastic 950ml unpreserved	B	7	2.2	Y	Absent	TSS-2540(7)
L1430777-01J	Amber 500ml H2SO4 preserved	B	<2	2.2	Y	Absent	TPHENOL-420(28)
L1430777-01K	Amber 1000ml HCl preserved	B	N/A	2.2	Y	Absent	TPH-1664(28)
L1430777-01L	Amber 1000ml HCl preserved	B	N/A	2.2	Y	Absent	TPH-1664(28)
L1430777-01M	Amber 1000ml unpreserved	B	7	2.2	Y	Absent	8270TCL(7),8270TCL-SIM(7)
L1430777-01M1	Amber 1000ml unpreserved	B	7	2.2	Y	Absent	8270TCL(7),8270TCL-SIM(7)
L1430777-01N	Amber 1000ml unpreserved	B	7	2.2	Y	Absent	8270TCL(7),8270TCL-SIM(7)
L1430777-01N1	Amber 1000ml unpreserved	B	7	2.2	Y	Absent	8270TCL(7),8270TCL-SIM(7)
L1430777-01O	Amber 1000ml Na2S2O3	B	7	2.2	Y	Absent	PCB-608(7)
L1430777-01P	Amber 1000ml Na2S2O3	B	7	2.2	Y	Absent	PCB-608(7)

*Values in parentheses indicate holding time in days

Project Name: MIT COGEN
Project Number: 35184-210

Lab Number: L1430777
Report Date: 12/30/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1430777-01Q	Plastic 500ml unpreserved	B	7	2.2	Y	Absent	CL-300(28),HEXCR-3500(1),TRC-4500(1)
L1430777-01R	Plastic 500ml unpreserved	B	7	2.2	Y	Absent	CL-300(28),HEXCR-3500(1),TRC-4500(1)

*Values in parentheses indicate holding time in days

Project Name:	MIT COGEN	**Lab Number:**	L1430777
Project Number:	35184-210	**Report Date:**	12/30/14

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:	MIT COGEN	**Lab Number:**	L1430777
Project Number:	35184-210	**Report Date:**	12/30/14

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.

Report Format: Data Usability Report

Project Name:	MIT COGEN	**Lab Number:**	L1430777
Project Number:	35184-210	**Report Date:**	12/30/14

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.

64 Quality Assurance and Quality Control Requirements and Performance Standards for SW-846 Methods. MADEP BWSC. WSC-CAM-IIA (Revision 4), WSC-CAM-V C (Revision 2), WSC-CAM-IIIA (Revision 5). August 2004.

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 December 16, 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 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, SM4500Cl-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.

HALEY & ALDRICH

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Suite 2200,
Boston, MA 02129-1400

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

CHAIN OF CUSTODY RECORD

Page 1 of 1

H&A FILE NO.	35184-210	LABORATORY	Alpha Woodshole Labs	DELIVERY DATE	12/19/14
PROJECT NAME	MIT Cogen	ADDRESS	Westborough, MA	TURNAROUND TIME	5-Day
H&A CONTACT	Sandhya Potana	CONTACT	Gina Bartalameo	PROJECT MANAGER	Sandhya Potana/Mark Balfe

Analysis Requested

Sample No.	Date	Time	Depth	Type	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Number of Containers
HA14-6(OW)-1	12/19/14	930	—	GW	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	24

Comments (special instructions, precautions, additional method numbers, etc.)

Laboratory to use applicable DEP CAM methods, unless otherwise directed.
1. TSS -160.2
2. Total Residual Chlorine (TRC) -330.1
3. Total Cyanide
4. Physiologically Available Cyanide
5. Amenable Cyanide
6. 504 (EDB/DBCP)
7. TPH-1664
8. 8260
9. 8260 Low Level (for 1,4-Dioxane)
10. Total Phenol 420
11. PCB-608
12. Hex Cr -SM 3500
13. 8270 and 8270SIM
14 Total Ag.As.Cd.Cr.Cu.Ni.Pb.Sb.Se.Zn.Hg.Fe
15 Chloride 300
16. Dissolved Metals (HOLD)

LIQUID

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
VOA Vial						x		x	x							
Amber Glass						x	x	x	x	x	x		x			
Plastic Bottle	x	x	x	x	x							x		x	x	x
Preservative	A	A	A/C	A/C	A/C	A/I	A/F	A/F	A/F	A/E	A/I	A	A	A/D	A	A/D
Volume	1L	500	250	250	250	40ml	1L	40	40	500	1L	500	1L	250	500	250

SOLID

	1
VOA Vial	
Amber Glass	x
Clear Glass	
Preservative	A
Volume	4 oz

Sampled and Relinquished by	Received by
Sign S. Provencal	Sign M. Cutta
Print S. Provencal	Print M. Aysta
Firm H+A	Firm H&A
Date 12/19/14 Time	Date 12/19/14 Time 16:30

Relinquished by	Received by
Sign M. Cutta	Sign [signature]
Print M. Aysta	Print Wayne Plummer
Firm H&A	Firm Alpha
Date 12/19/14 Time 16:30	Date 12/19/14 Time 1630

Relinquished by	Received by
Sign [signature]	Sign [signature]
Print Wayne Plummer	Print Sharon Hoffman
Firm Alpha	Firm Alpha
Date 12/19/14 Time 1834	Date 12/19/14 Time 18:34

Sampling Comments

Evidence samples were tampered with? ☐ YES ■ NO

If YES, please explain in section below.

PRESERVATION KEY

A Sample chilled C NaOH E H_2SO_4 G Methanol I $Na_2S_2O_3$
B Sample filtered D HNO_3 F HCL H Sodium Bisulfate

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

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

NA 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 _________ hold for contingency testing the Drinking Water Field Duplicate and Drinking Water Trip Blank samples.

Required Reporting Limits and Data Quality Objectives

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

WHITE - Laboratory CANARY - Project Manager PINK - Haley & Aldrich Laboratory GOLDENROD - Haley & Aldrich Contact AUGUST 2003

Form 2003

ANALYTICAL REPORT

Lab Number:	L1503581
Client:	Haley & Aldrich, Inc. 465 Medford Street, Suite 2200 Charlestown, MA 02129-1400
ATTN:	Mark Balfe
Phone:	(617) 886-7304
Project Name:	MIT COGEN/AREA 5
Project Number:	35184-215
Report Date:	02/26/15

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: MIT COGEN/AREA 5
Project Number: 35184-215

Lab Number: L1503581
Report Date: 02/26/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1503581-01	HA14-6(OW)-3	WATER	Not Specified	02/25/15 15:45	02/25/15

Project Name: MIT COGEN/AREA 5 **Lab Number:** L1503581

Project Number: 35184-215 **Report Date:** 02/26/15

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E a.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E b.	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	NO
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name: MIT COGEN/AREA 5 **Lab Number:** L1503581
Project Number: 35184-215 **Report Date:** 02/26/15

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:	MIT COGEN/AREA 5	**Lab Number:**	L1503581
Project Number:	35184-215	**Report Date:**	02/26/15

Case Narrative (continued)

MCP Related Narratives

Dissolved Metals

In reference to question H:

The WG764946-1 Method Blank, associated with L1503581-01 (HA14-6(OW)-3), has a concentration above the reporting limit for chromium. Since the sample was non-detect for this target analyte, no further actions were taken. The results of the original analysis are reported.

The WG764946-3 LCSD recoveries, associated with L1503581-01 (HA14-6(OW)-3), are outside the acceptance criteria for antimony (71%) and chromium (135%). Re-analysis of the LCSD yielded unacceptable recoveries for antimony (70%) and chromium (135%). The LCS recoveries were within acceptance criteria for these analytes; therefore, no further action was taken.

In reference to question I:

All samples were analyzed for a subset of MCP elements per the Chain of Custody.

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: Kelly Stenstrom

Title: Technical Director/Representative Date: 02/26/15

METALS

Project Name: MIT COGEN/AREA 5 **Lab Number:** L1503581

Project Number: 35184-215 **Report Date:** 02/26/15

SAMPLE RESULTS

Lab ID: L1503581-01 Date Collected: 02/25/15 15:45

Client ID: HA14-6(OW)-3 Date Received: 02/25/15

Sample Location: Not Specified Field Prep: Field Filtered (Metals)

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab											
Antimony, Dissolved	ND		mg/l	0.050	--	1	02/26/15 09:05	02/26/15 11:50	EPA 3005A	97,6010C	TT
Arsenic, Dissolved	ND		mg/l	0.005	--	1	02/26/15 09:05	02/26/15 11:50	EPA 3005A	97,6010C	TT
Cadmium, Dissolved	ND		mg/l	0.004	--	1	02/26/15 09:05	02/26/15 11:50	EPA 3005A	97,6010C	TT
Chromium, Dissolved	ND		mg/l	0.0100	--	1	02/26/15 09:05	02/26/15 11:50	EPA 3005A	97,6010C	TT
Copper, Dissolved	ND		mg/l	0.010	--	1	02/26/15 09:05	02/26/15 11:50	EPA 3005A	97,6010C	TT
Iron, Dissolved	0.22		mg/l	0.05	--	1	02/26/15 09:05	02/26/15 11:50	EPA 3005A	97,6010C	TT
Lead, Dissolved	0.010		mg/l	0.010	--	1	02/26/15 09:05	02/26/15 11:50	EPA 3005A	97,6010C	TT
Mercury, Dissolved	ND		mg/l	0.0002	--	1	02/26/15 10:33	02/26/15 13:46	EPA 245.1	97,7470A	MC
Nickel, Dissolved	ND		mg/l	0.025	--	1	02/26/15 09:05	02/26/15 11:50	EPA 3005A	97,6010C	TT
Selenium, Dissolved	ND		mg/l	0.010	--	1	02/26/15 09:05	02/26/15 11:50	EPA 3005A	97,6010C	TT
Silver, Dissolved	ND		mg/l	0.007	--	1	02/26/15 09:05	02/26/15 11:50	EPA 3005A	97,6010C	TT
Zinc, Dissolved	ND		mg/l	0.050	--	1	02/26/15 09:05	02/26/15 11:50	EPA 3005A	97,6010C	TT

Project Name: MIT COGEN/AREA 5 **Lab Number:** L1503581

Project Number: 35184-215 **Report Date:** 02/26/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab for sample(s): 01 Batch: WG764946-1										
Antimony, Dissolved	ND		mg/l	0.050	--	1	02/26/15 09:05	02/26/15 13:24	97,6010C	TT
Arsenic, Dissolved	ND		mg/l	0.005	--	1	02/26/15 09:05	02/26/15 13:24	97,6010C	TT
Cadmium, Dissolved	ND		mg/l	0.004	--	1	02/26/15 09:05	02/26/15 13:24	97,6010C	TT
Chromium, Dissolved	0.03		mg/l	0.01	--	1	02/26/15 09:05	02/26/15 13:24	97,6010C	TT
Copper, Dissolved	ND		mg/l	0.010	--	1	02/26/15 09:05	02/26/15 13:24	97,6010C	TT
Iron, Dissolved	ND		mg/l	0.05	--	1	02/26/15 09:05	02/26/15 13:24	97,6010C	TT
Lead, Dissolved	ND		mg/l	0.010	--	1	02/26/15 09:05	02/26/15 13:24	97,6010C	TT
Nickel, Dissolved	ND		mg/l	0.025	--	1	02/26/15 09:05	02/26/15 13:24	97,6010C	TT
Selenium, Dissolved	ND		mg/l	0.010	--	1	02/26/15 09:05	02/26/15 13:24	97,6010C	TT
Silver, Dissolved	ND		mg/l	0.007	--	1	02/26/15 09:05	02/26/15 13:24	97,6010C	TT
Zinc, Dissolved	ND		mg/l	0.050	--	1	02/26/15 09:05	02/26/15 13:24	97,6010C	TT

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Dissolved Metals - Westborough Lab for sample(s): 01 Batch: WG764948-6										
Mercury, Dissolved	ND		mg/l	0.0002	--	1	02/26/15 10:33	02/26/15 13:37	97,7470A	MC

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis

Batch Quality Control

Project Name: MIT COGEN/AREA 5

Project Number: 35184-215

Lab Number: L1503581

Report Date: 02/26/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Dissolved Metals - Westborough Lab Associated sample(s): 01 Batch: WG764946-2 WG764946-3								
Antimony, Dissolved	80		**71**	Q	80-120	12		20
Arsenic, Dissolved	90		95		80-120	5		20
Cadmium, Dissolved	105		107		80-120	2		20
Chromium, Dissolved	120		**135**	Q	80-120	12		20
Copper, Dissolved	94		96		80-120	2		20
Iron, Dissolved	98		99		80-120	1		20
Lead, Dissolved	86		90		80-120	5		20
Nickel, Dissolved	97		101		80-120	4		20
Selenium, Dissolved	86		89		80-120	3		20
Silver, Dissolved	97		101		80-120	4		20
Zinc, Dissolved	96		98		80-120	2		20
MCP Dissolved Metals - Westborough Lab Associated sample(s): 01 Batch: WG764948-7 WG764948-8								
Mercury, Dissolved	105		112		80-120	6		20

Project Name: MIT COGEN/AREA 5
Project Number: 35184-215

Lab Number: L1503581
Report Date: 02/26/15

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(*)
L1503581-01A	Plastic 250ml HNO3 preserved	A	<2	2.2	Y	Absent	MCP-CD-6010S-10(180),MCP-FE-6010S-10(180),MCP-7470S-10(28),MCP-AG-6010S-10(180),MCP-ZN-6010S-10(180),MCP-AS-6010S-10(180),MCP-CR-6010S-10(180),MCP-SB-6010S-10(180),MCP-PB-6010S-10(180),MCP-CU-6010S-10(180),MCP-NI-6010S-10(180),MCP-SE-6010S-10(180)
L1503581-01B	Plastic 250ml HNO3 preserved	A	<2	2.2	Y	Absent	MCP-CD-6010S-10(180),MCP-FE-6010S-10(180),MCP-7470S-10(28),MCP-AG-6010S-10(180),MCP-ZN-6010S-10(180),MCP-AS-6010S-10(180),MCP-CR-6010S-10(180),MCP-SB-6010S-10(180),MCP-PB-6010S-10(180),MCP-CU-6010S-10(180),MCP-NI-6010S-10(180),MCP-SE-6010S-10(180)

*Values in parentheses indicate holding time in days

Project Name:	MIT COGEN/AREA 5	**Lab Number:**	L1503581
Project Number:	35184-215	**Report Date:**	02/26/15

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:	MIT COGEN/AREA 5	**Lab Number:**	L1503581
Project Number:	35184-215	**Report Date:**	02/26/15

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.

Report Format: Data Usability Report

Project Name:	MIT COGEN/AREA 5	**Lab Number:**	L1503581
Project Number:	35184-215	**Report Date:**	02/26/15

REFERENCES

97 EPA Test Methods (SW-846) with QC Requirements & Performance Standards for the Analysis of EPA SW-846 Methods under the Massachusetts Contingency Plan, WSC-CAM-IIA, IIB, IIIA, IIIB, IIIC, IIID, VA, VB, VC, VIA, VIB, VIIIA and VIIIB, July 2010.

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 December 16, 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 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, SM4500Cl-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.

HALEY & ALDRICH
Haley & Aldrich, Inc.
465 Medford St.,
Suite 2200,
Boston, MA 02129-1400

CHAIN OF CUSTODY RECORD

L1503581

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

H&A FILE NO.	35184-215	**LABORATOR**	Alpha Woodshole Labs	**DELIVERY DATE**	2/24/2015
PROJECT NAME	Mit Cogen/Area 5	**ADDRESS**	Westborough, MA	**TURNAROUND TIME**	1-DAY
H&A CONTACT	Sandhya Potana	**CONTACT**	Gina Bartalameo	**PROJECT MANAGER**	Sandhya Potana/Mark Balfe

Sample No.	Date	Time	Depth	Type	Analysis Requested 1	Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
HA14-6(OW)-3	~~2/24/2015~~ 2/25/15	1545	GW	GW	x	2	Laboratory to use applicable DEP CAM methods, unless otherwise directed. 1. Dissolved Ag.As.Cd.Cr.Cu.Ni.Pb.Sb.Se.Zn.Hg.Fe

Sampled and Relinquished by	Received by
Sign [signature]	Sign [signature]
Print [illegible]	Print M Raysh
Firm H&A	Firm H&A
Date 2-25-15 Time	Date 2/25/15 Time 1630

Relinquished by	Received by
Sign [signature]	Sign [signature]
Print M Raysh	Print Wayne Plummer
Firm H&A	Firm Alpha
Date 2/25/15 Time 1630	Date 2/25/15 Time 1630

Relinquished by	Received by
Sign [signature]	Sign [signature]
Print Wayne Plummer	Print Richard Scott
Firm Alpha	Firm AAL
Date 2/25/15 Time 1833	Date 2/25/15 Time 1833

LIQUID

	1
VOA Vial	X
Amber Glass	
Plastic Bottle	
Preservative	A,D
Volume	250ml

SOLID

	1
VOA Vial	
Amber Glass	x
Clear Glass	
Preservative	A,D
Volume	4 oz

Sampling Comments

2 250 ml containers Field Filtered

Evidence samples were tampered with? YES ■O

If YES, please explain in section below.

PRESERVATION KEY

A Sample chilled C NaOH E H_2SO_4 G Methanol
B Sample filtered D HNO_3 F HCL H Sodium Bisulfate

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

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

_______ 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 _______ hold for contingency testing the Drinking Water Field Duplicate and Drinking Water Trip Blank samples.

Required Reporting Limits and Data Quality Objectives

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

WHITE - Laboratory **CANARY** - Project Manager **PINK** - Haley & Aldrich Laboratory **GOLDENROD** - Haley & Aldrich Contact **AUGUST 2003**