TETRA TECH

March 25, 2022

U.S. Environmental Protection Agency
Office of Ecosystem Protection
EPA/OEP RGP Applications Coordinator
5 Post Office Square – Suite 100
Mail Code OEP06-01
Boston, MA 02109-3912
Submitted electronically to: NPDES.Generalpermits@epa.gov

Subject: Notice of Intent for Discharge
Massachusetts Remediation General Permit MAG910000
585 Third Street Project
Cambridge, Massachusetts

To Whom It May Concern,

On behalf of BMR-Third LLC, Tetra Tech has prepared the attached Notice of Intent (NOI) for coverage under the Remediation General Permit (RGP) MAG91000 for the discharge of construction dewatering effluent indirectly into the Charles River from an outfall on Broad Canal. The 585 Third Street project requires construction excavation dewatering to facilitate the construction of a 16-story building. The 585 Third Street project site currently consists of a vacant lot (Parcel C) and a gas transfer station (330 Third Street). The gas transfer station will be decommissioned and removed as part of the construction project. The location of the project is shown on Figure 1.

Prior to the 1940s, the site was occupied by Cambridge Gas Light Works and several other light companies. A former MGP and tar processing facility operated at the location of the proposed 585 Third Street building. By 1949, the Cambridge Electric Light Company was operating on the property. Investigation and remediation activities between 1998 and 2006 resulted in a Permanent Solution for Parcel C and the gas transfer station bounded by Athenaeum Street to the north, Third Street to the west, and Kendall Street to the south and east. The Permanent Solutions for Parcel C and the gas transfer station were documented in Class A-3 Response Action Outcomes (RAOs) filed with the Massachusetts Department of Environmental Protection (MassDEP) between 2002 and 2006, respectively.

Installation of the building will require excavation to a depth of 25 feet below grade. In September 2021 groundwater was observed to be 9 feet below grade. Groundwater pumped from the excavation will be transferred to a settling tank, then discharged through bag filters to remove sediment and granular activated

NUS
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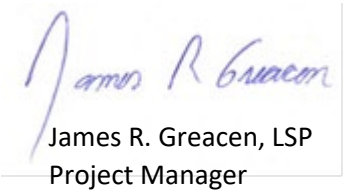
carbon to remove organics. If necessary to meet discharge limits for other constituents of interest, pH adjustment or ion media resin vessels will be added to the treatment train.

This project is considered an Activity Category III, Contaminated Site Dewatering, as defined in the RGP. The constituents of interest include Category A (inorganics), Category B (non-halogenated volatile organic compounds), Category D (non-halogenated semi-volatile organic compounds), and Category E (halogenated semi-volatile organic compounds).

The NOI and supporting documentation are included with this letter. The supporting documentation includes a sample collected from the location of the proposed excavation that requires dewatering. We understand that the Remediation General Permit expires on April 8, 2022, and that Notices of Intent must be submitted no later than March 31, 2022. We respectively request authorization no later than April 8, 2022. If you have any questions regarding the NOI or the project, do not hesitate to contact me.

Very truly yours,



James R. Greacen, LSP
Project Manager
Jamie.greacen@tetratech.com

Remediation General Permit
Notice of Intent
585 Third Street Project
BMR-Third LLC
March 2022

Prepared for:
BMR-Third LLC
4570 Executive Drive, Suite 400
San Diego, CA 92121

Prepared by:
Tetra Tech
5 Industrial Way, Suite 2B
Salem, NH 03079

Table of Contents

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

A. General site information:

<table>
<tr><td rowspan="2">1. Name of site:
585 Third Street Project</td><td colspan="3">Site address: 330 and 585 Third Street
Street:</td></tr>
<tr><td>City: Cambridge</td><td>State: MA</td><td>Zip: 02142</td></tr>
<tr><td rowspan="4">2. Site owner
BMR-Third LLC

Owner is (check one): ☐ Federal ☐ State/Tribal ■ Private
☐ Other; if so, specify:</td><td colspan="3">Contact Person: Salvatore Zinno</td></tr>
<tr><td colspan="2">Telephone: 617-225-2440</td><td>Email: Sal.Zinno@biomedrealty.com</td></tr>
<tr><td colspan="3">Mailing address: 4570 Executive Drive, Suite 400
Street:</td></tr>
<tr><td>City: San Diego</td><td>State: CA</td><td>Zip: 92121</td></tr>
<tr><td rowspan="4">3. Site operator, if different than owner
Suffolk Construction</td><td colspan="3">Contact Person: Brett Flanders</td></tr>
<tr><td colspan="2">Telephone: 617-652-9472</td><td>Email: BFlanders@Suffolk.com</td></tr>
<tr><td colspan="3">Mailing address:
Street: 65 Allerton Street</td></tr>
<tr><td>City: Boston</td><td>State: MA</td><td>Zip: 02119</td></tr>
<tr><td>4. NPDES permit number assigned by EPA:
NA

NPDES permit is (check all that apply: ☐ RGP ☐ DGP ☐ CGP
☐ MSGP ☐ Individual NPDES permit ☐ Other; if so, specify:</td><td colspan="3">5. Other regulatory program(s) that apply to the site (check all that apply):
■ MA Chapter 21e; list RTN(s):
3-0004570 and 3-0020020
☐ NH Groundwater Management Permit or Groundwater Release Detection Permit:
☐ CERCLA
☐ UIC Program
☐ POTW Pretreatment
☐ CWA Section 404</td></tr>
</table>

B. Receiving water information:

1. Name of receiving water(s):	Waterbody identification of receiving water(s):	Classification of receiving water(s):
Broad Canal to Charles River within Charles River Basin Watershed	NA (Broad Canal) / MA72-38 (Charles River)	Class B

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

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

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

3. Indicate if the receiving water(s) is listed in the State's Integrated List of Waters (i.e., CWA Section 303(d)). Include which designated uses are impaired, and any pollutants indicated. Also, indicate if a final TMDL is available for any of the indicated pollutants. For more information, contact the appropriate State as noted in Part 4.6 of the RGP. TMDL for chlorophyll-a, dissolved oxygen supersaturation, escherichia coli (e. coli), harmful algal blooms, nutrient/eutrophication biological indicators,

4. Indicate the seven day-ten-year low flow (7Q10) of the receiving water determined in accordance with the instructions in Appendix V for sites located in Massachusetts and Appendix VI for sites located in New Hampshire.	None
5. Indicate the requested dilution factor for the calculation of water quality-based effluent limitations (WQBELs) determined in accordance with the instructions in Appendix V for sites in Massachusetts and Appendix VI for sites in New Hampshire.	0

6. Has the operator received confirmation from the appropriate State for the 7Q10and dilution factor indicated? (check one): ■ Yes ☐ No
If yes, indicate date confirmation received: Dilution factor does not apply per 1-25-22 email for adjacent GTS parcel - same outfall discharge(refer to Appendix B)

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

C. Source water information:

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

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

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

D. Discharge information

1.The discharge(s) is a(n) (check any that apply): ☐ Existing discharge ■ New discharge ☐ New source	
Outfall(s): Outfall D51	Outfall location(s): (Latitude, Longitude) N 42 degrees 21' 46.4", W 71 degrees 04' 52.9"
Discharges enter the receiving water(s) via (check any that apply): ☐ Direct discharge to the receiving water ■ Indirect discharge, if so, specify: Discharge indirectly into Charles River through a stormwater system and outfall to Broad Canal owned by Kendall Square Corporation. ■ A private storm sewer system ☐ A municipal storm sewer system If the discharge enters the receiving water via a private or municipal storm sewer system: Has notification been provided to the owner of this system? (check one): ■ Yes ☐ No Has the operator has received permission from the owner to use such system for discharges? (check one): ■ Yes ☐ No, if so, explain, with an estimated timeframe for obtaining permission: Has the operator attached a summary of any additional requirements the owner of this system has specified? (check one): ☐ Yes ■ No	
Provide the expected start and end dates of discharge(s) (month/year): October 2022 - September 2024 Indicate if the discharge is expected to occur over a duration of: ☐ less than 12 months ■ 12 months or more ☐ is an emergency discharge	
Has the operator attached a site plan in accordance with the instructions in D, above? (check one): ■ Yes ☐ No	

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

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

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

4. Influent and Effluent Characteristics

Parameter	Known or believed absent	Known or believed present	# of samples	Test method (#)	Detection limit (µg/l)	Influent		Effluent Limitations	
						Daily maximum (µg/l)	Daily average (µg/l)	TBEL	WQBEL
A. Inorganics									
Ammonia		✔	1	SM19-23	0.180 mg/L	3.4 mg/L	3.4 mg/L	Report mg/L	---
Chloride		✔	1	EPA 300.0	5,000	55,000	55,000	Report µg/l	---
Total Residual Chlorine	✔		1	SM21-23	0.02 mg/L	0.02 mg/L	0.02 mg/L	0.2 mg/L	
Total Suspended Solids		✔	1	SM21-23	2.8 mg/L	59 mg'L	59 mg/L	30 mg/L	
Antimony	✔		1	EPA 200.8	1.0	<1.0	<1.0	206 µg/L	
Arsenic		✔	1	EPA 200.8	0.80	3.4	3.4	104 µg/L	
Cadmium	✔		1	EPA 200.8	0.20	<0.20	<0.20	10.2 µg/L	
Chromium III		✔	1	EPA 200.8	1.0	7.3	7.3	323 µg/L	
Chromium VI	✔		1	SM21-23	4.0	<4.0	<4.0	323 µg/L	
Copper		✔	1	EPA 200.8	1.0	3.7	3.7	242 µg/L	
Iron		✔	1	EPA 200.7	50	6,100	6,100	5,000 µg/L	
Lead		✔	1	EPA 200.8	0.5	5.3	5.3	160 µg/L	
Mercury	✔		1	EPA 245.1	0.1	<0.1	<0.1	0.739 µg/L	
Nickel	✔		1	EPA 200.8	5.0	<5.0	<5.0	1,450 µg/L	
Selenium	✔		1	EPA 200.8	5.0	<5.0	<5.0	235.8 µg/L	
Silver	✔		1	EPA 200.8	0.20	<0.20	<0.20	35.1 µg/L	
Zinc	✔		1	EPA 200.8	10	<10	<10	420 µg/L	
Cyanide		✔	1	4500CN-C	5000 mg/L	0.083 mg/L	0.083 mg/L	178 mg/L	
B. Non-Halogenated VOCs									
Total BTEX		✔	1	624.1	132.8	13,440	13,440	100 µg/L	---
Benzene		✔	1	624.1	20	3,450	3,450	5.0 µg/L	---
1,4 Dioxane	✔		0					200 µg/L	---
Acetone	✔		1	624.1	0.203 mg/L	<0.203 mg/L	<0.203 mg/L	7.97 mg/L	---
Phenol		✔	1	625.1	20.2	180	180	1,080 µg/L	

Parameter	Known or believed absent	Known or believed present	# of samples	Test method (#)	Detection limit (µg/l)	Influent		Effluent Limitations	
						Daily maximum (µg/l)	Daily average (µg/l)	TBEL	WQBEL
C. Halogenated VOCs									
Carbon Tetrachloride	✔		1	624.1	16.5	<16.5	<16.5	4.4 µg/L	
1,2 Dichlorobenzene	✔		1	624.1	12.2	<12.2	<12.2	600 µg/L	---
1,3 Dichlorobenzene	✔		1	624.1	11.8	<11.8	<11.8	320 µg/L	---
1,4 Dichlorobenzene	✔		1	624.1	13.0	<13.0	<13.0	5.0 µg/L	---
Total dichlorobenzene	✔		1	624.1	37	<37	<37	763 µg/L in NH	---
1,1 Dichloroethane	✔		1	624.1	14.2	<14.2	<14.2	70 µg/L	---
1,2 Dichloroethane	✔		1	624.1	30.8	<30.8	<30.8	5.0 µg/L	---
1,1 Dichloroethylene	✔		1	624.1	14.1	<14.1	<14.1	3.2 µg/L	---
Ethylene Dibromide	✔		1	EPA 504.1	0.0086	<0.0086	<0.0086	0.05 µg/L	---
Methylene Chloride	✔		1	624.1	23.5	<23.5	<23.5	4.6 µg/L	---
1,1,1 Trichloroethane	✔		1	624.1	16.9	<16.9	<16.9	200 µg/L	---
1,1,2 Trichloroethane	✔		1	624.1	18.3	<18.3	<18.3	5.0 µg/L	---
Trichloroethylene	✔		1	624.1	18.9	<18.9	<18.9	5.0 µg/L	---
Tetrachloroethylene	✔		1	624.1	18.7	<18.7	<18.7	5.0 µg/L	
cis-1,2 Dichloroethylene	✔		1	624.1	14.7	<14.7	<14.7	70 µg/L	---
Vinyl Chloride	✔		1	624.1	20.8	<20.8	<20.8	2.0 µg/L	---
D. Non-Halogenated SVOCs									
Total Phthalates	✔		1	625.1	121.2	<121.2	<121.2	190 µg/L	
Diethylhexyl phthalate	✔		1	625.1	20.2	<20.2	<20.2	101 µg/L	
Total Group I PAHs		✔	1	625.1	0.429	36.96	36.96	1.0 µg/L	---
Benzo(a)anthracene		✔	1	625.1	0.058	7.7	7.7	As Total PAHs	
Benzo(a)pyrene		✔	1	625.1	0.059	7.0	7.0		
Benzo(b)fluoranthene		✔	1	625.1	0.064	6.9	6.9		
Benzo(k)fluoranthene		✔	1	625.1	0.048	2.7	2.7		
Chrysene		✔	1	625.1	0.052	6.2	6.2		
Dibenzo(a,h)anthracene		✔	1	625.1	0.075	0.86	0.86		
Indeno(1,2,3-cd)pyrene		✔	1	625.1	0.073	5.6	5.6		

Parameter	Known or believed absent	Known or believed present	# of samples	Test method (#)	Detection limit (µg/l)	Influent		Effluent Limitations	
						Daily maximum (µg/l)	Daily average (µg/l)	TBEL	WQBEL
Total Group II PAHs		✔	1	625.1	70.7	380	380	100 µg/L	---
Naphthalene		✔	1	625.1	505	6,680	6,680	20 µg/L	---
E. Halogenated SVOCs									
Total PCBs	✔		0					0.000064 µg/L	---
Pentachlorophenol		✔	1	625.1	0.95	3.9	3.9	1.0 µg/L	---
F. Fuels Parameters									
Total Petroleum Hydrocarbons	✔		0					5.0 mg/L	---
Ethanol	✔		1	624.1	2.65 mg/L	<2.65 mg/L	<2.65 mg/L	Report mg/L	---
Methyl-tert-Butyl Ether	✔		1	624.1	17.2	<17.2	<17.2	70 µg/L	
tert-Butyl Alcohol	✔		1	624.1	469	<469	<469	120 µg/L in MA 40 µg/L in NH	---
tert-Amyl Methyl Ether	✔		1	624.1	14.3	<14.3	<14.3	90 µg/L in MA 140 µg/L in NH	---
Other (i.e., pH, temperature, hardness, salinity, LC_{50}, additional pollutants present); if so, specify:									
pH		✔	1	SM21-23	NA	6.8	6.8		
Total Organic Carbon		✔	1	5310B	1000	35000	35000		
Hardness		✔	1	EPA 200.7	1,400	260,000	260,000		

E. Treatment system information

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

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

2. Provide a written description of all treatment system(s) or processes that will be applied to the effluent prior to discharge.
Settling tank with granular activated carbon (GAC) and bag filters. If necessary to meet discharge limits, pH adjustment or ion media resin vessels will be added.

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

Indicate if either of the following will occur (check any that apply):
☐ Chlorination ☐ De-chlorination

3. Provide the **design flow capacity** in gallons per minute (gpm) of the most limiting component. Indicate the most limiting component: bag filters Is use of a flow meter feasible? (check one): ▣ Yes ☐ No, if so, provide justification:	100
Provide the proposed maximum effluent flow in gpm.	100
Provide the average effluent flow in gpm.	40
If Activity Category IV applies, indicate the estimated total volume of water that will be discharged:	NA

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

F. Chemical and additive information

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

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

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

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

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

G. Endangered Species Act eligibility determination

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

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

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

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

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

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

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

H. National Historic Preservation Act eligibility determination

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

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

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

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

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

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

I. Supplemental information

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

Refer to attached supporting documentation.

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

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

J. Certification requirement

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.
BMPP certification statement: A BMPP meeting the requirements of this general permit is attached to this NOI.
Notification provided to the appropriate State, including a copy of this NOI, if required. Check one: Yes ☒ No ☐
Notification provided to the municipality in which the discharge is located, including a copy of this NOI, if requested. Check one: Yes ☒ No ☐
Notification provided to the owner of a private or municipal storm sewer system, if such system is used for site discharges, including a copy of this NOI, if requested. Check one: Yes ☒ No ☐ NA ☐ Permission obtained from the owner of a private or municipal storm sewer system, if such system is used for site discharges. If yes, attach additional conditions. If no, attach explanation and timeframe for obtaining permission. Check one: Yes ☒ No ☐ NA ☐
Notification provided to the owner/operator of the area associated with activities covered by an additional discharge permit(s). Additional discharge permit is (check one): ☐ RGP ☐ DGP ☐ CGP ☐ MSGP ☒ Individual NPDES permit ☐ Other; if so, specify: – Check one: Yes ☐ No ☐ NA ☒
Signature: Date: 3/24/22
Print Name and Title: SALVATORE ZINNO, SVP DEVELOPMENT

J. Certification requirement

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

BMPP certification statement: A BMPP meeting the requirements of this general permit is attached to this NOI.

Notification provided to the appropriate State, including a copy of this NOI, if required.	Check one: Yes ■ No ☐
Notification provided to the municipality in which the discharge is located, including a copy of this NOI, if requested.	Check one: Yes ■ No ☐
Notification provided to the owner of a private or municipal storm sewer system, if such system is used for site discharges, including a copy of this NOI, if requested.	Check one: Yes ■ No ☐ NA ☐
Permission obtained from the owner of a private or municipal storm sewer system, if such system is used for site discharges. If yes, attach additional conditions. If no, attach explanation and timeframe for obtaining permission.	Check one: Yes ■ No ☐ NA ☐
Notification provided to the owner/operator of the area associated with activities covered by an additional discharge permit(s). Additional discharge permit is (check one): ☐ RGP ☐ DGP ☐ CGP ☐ MSGP ■ Individual NPDES permit ☐ Other; ~~if so,~~ specify:	Check one: Yes ☐ No ☐ NA ■

Signature: [signature] Date: 3/24/22

Print Name and Title: Brett Flanders PX/VP.

KOP C:\All_Projects\112C08712\03\site_plan.mxd 03/09/22 MKB

Legend

585 Third Street Boundary

0 75 150

Feet

TETRA TECH

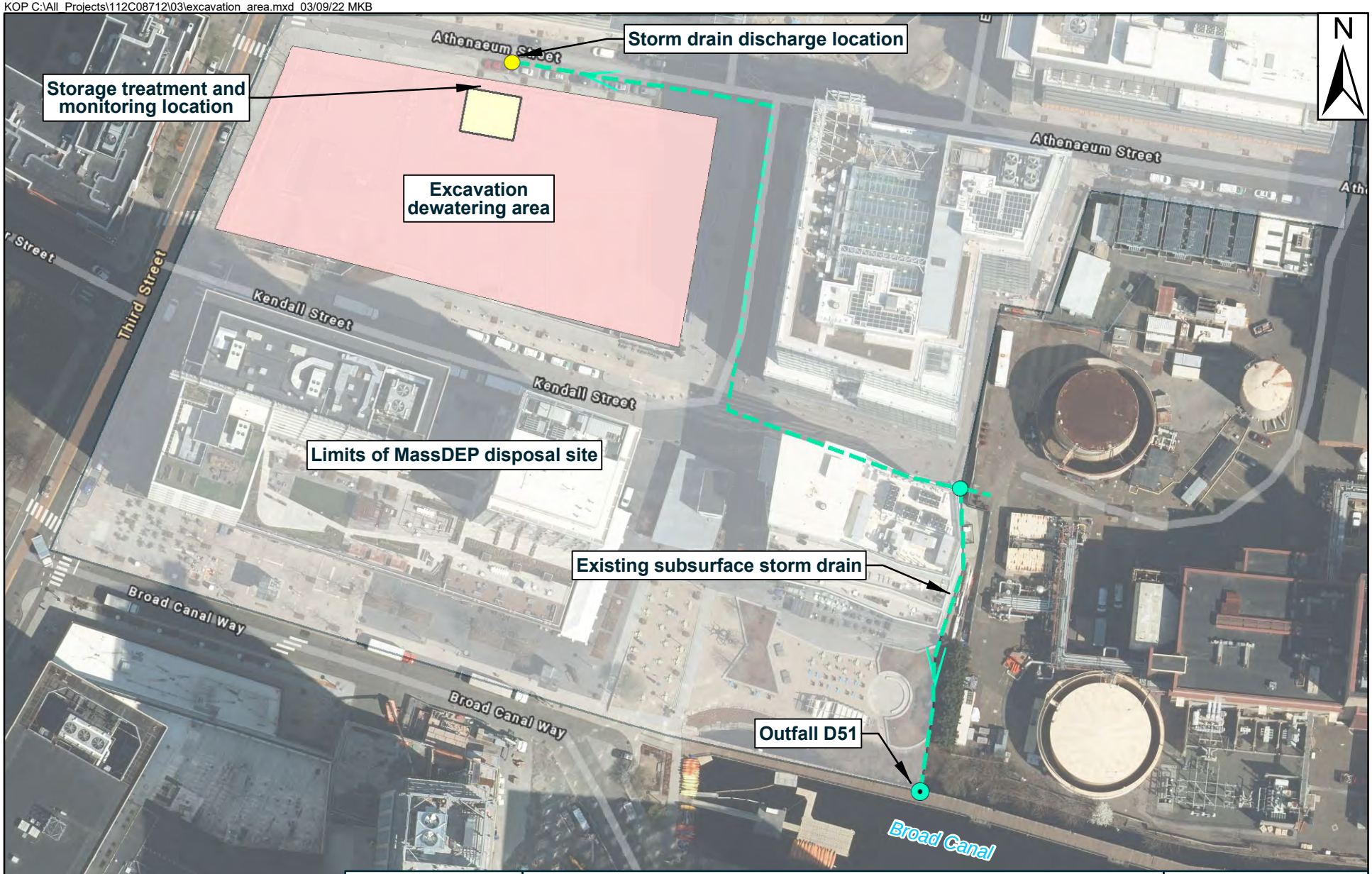
SITE PLAN
585 THIRD STREET
CAMBRIDGE, MASSACHUSETTS

DRAWN BY: MKB 03/08/2022
CHECKED BY: JRG 03/08/2022

PROJECT NUMBER: 112C08712

FIGURE NUMBER	REV
1	0

KOP C:\All_Projects\112C08712\03\excavation_area.mxd 03/09/22 MKB



TETRA TECH

EXCAVATION AREA AND OUTFALL LOCATION
585 THIRD STREET
CAMBRIDGE, MASSACHUSETTS

DRAWN BY: MKB 03/08/2022
CHECKED BY: JRG 03/08/2022

PROJECT NUMBER: 112C08712

FIGURE NUMBER	REV
2	0

Appendix A

MassDEP Priority Resources Map

MassDEP - Bureau of Waste Site Cleanup

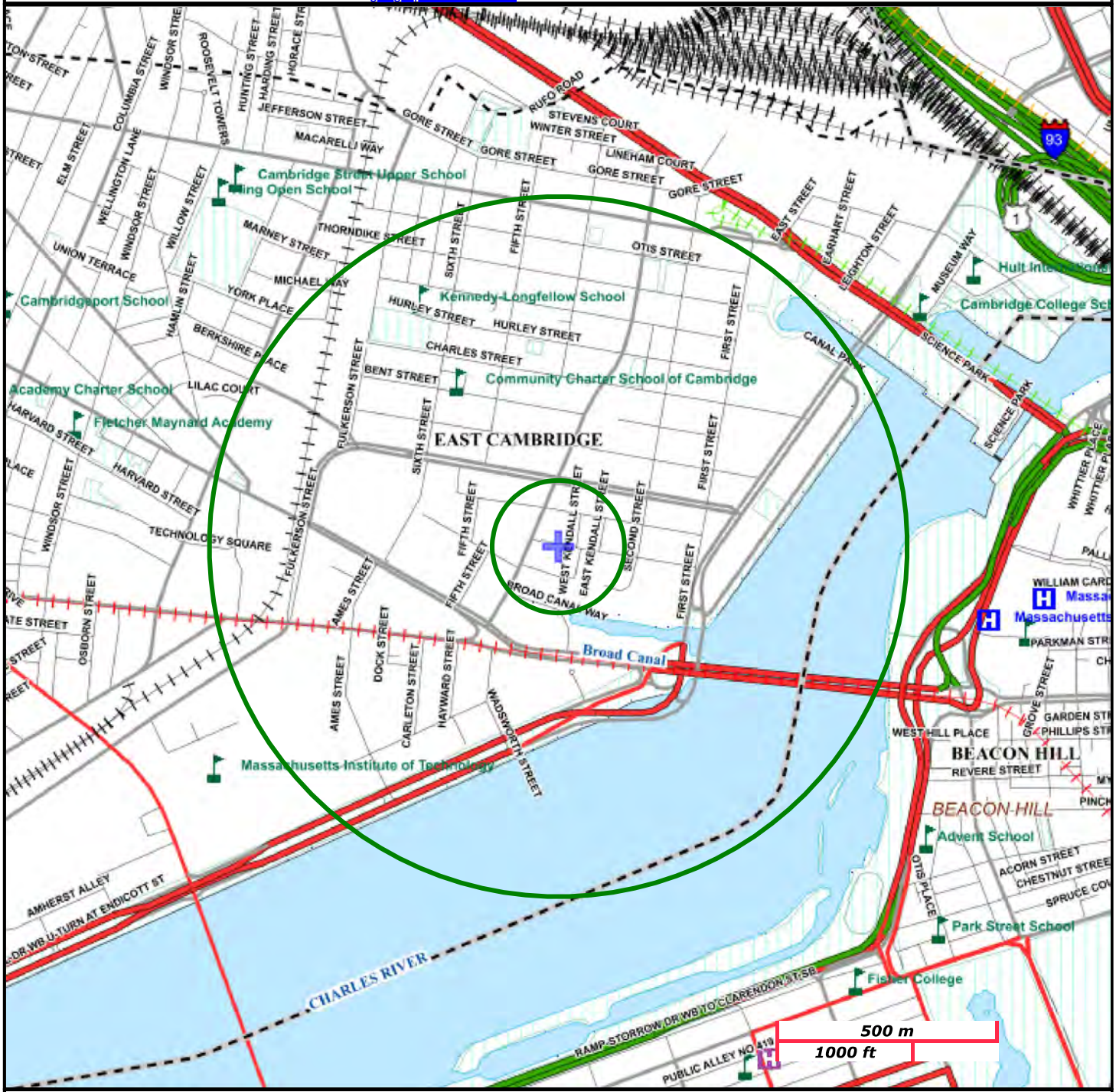
Phase 1 Site Assessment Map: 500 feet & 0.5 Mile Radii

Site Information:
585 THIRD STREET PROJECT
585 THIRD ST CAMBRIDGE, MA

NAD83 UTM Meters:
4692324mN , 328526mE (Zone: 19)
March 1, 2022

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

MassDEP
Commonwealth of Massachusetts
Department of Environmental Protection



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.

Appendix B

USGS Streamflow Statistics Report

StreamStats Report

Region ID: MA
Workspace ID: MA20220125161529530000
Clicked Point (Latitude, Longitude): 42.36338, -71.07875
Time: 2022-01-25 11:15:49 -0500

Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.0432	square miles
BSLDEM250	Mean basin slope computed from 1:250K DEM	0.092	percent
DRFTPERSTR	Area of stratified drift per unit of stream length	-100000	square mile per mile
MAREGION	Region of Massachusetts 0 for Eastern 1 for Western	0	dimensionless

Low-Flow Statistics Parameters [Statewide Low Flow WRIR00 4135]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0432	square miles	1.61	149
BSLDEM250	Mean Basin Slope from 250K DEM	0.092	percent	0.32	24.6
DRFTPERSTR	Stratified Drift per Stream Length	-100000	square mile per mile	0	1.29
MAREGION	Massachusetts Region	0	dimensionless	0	1

Low-Flow Statistics Flow Report [Statewide Low Flow WRIR00 4135]

Statistic	Value	Unit

Low-Flow Statistics Citations

Application Version: 4.6.2
StreamStats Services Version: 1.2.22
NSS Services Version: 2.1.2

Enter number values in green boxes based on the instructions to the right

Enter values in the units specified

↓	
0	Q_R = Enter upstream flow in **MGD**
0.144	Q_P = Enter discharge flow in **MGD**
0	Downstream 7Q10

Enter a dilution factor for saltwater receiving water (this box does not apply to freshwater receiving waters)

↓
0

Enter values in the units specified

↓	
800	C_d = Enter influent hardness in **mg/L** $CaCO_3$
74.8	C_s = Enter receiving water hardness in **mg/L** $CaCO_3$

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

↓		Impaired for metals? ↓
7.3	pH in **Standard Units**	
3.6	Temperature in **°C**	
0.189	Ammonia in **mg/L**	
74.8	Hardness in **mg/L** $CaCO_3$	
	Salinity in **ppt**	
0	Antimony in **µg/L**	no
0.93	Arsenic in **µg/L**	no
0	Cadmium in **µg/L**	yes
0.65	Chromium III in **µg/L**	yes
0	Chromium VI in **µg/L**	yes
3.44	Copper in **µg/L**	yes
448	Iron in **µg/L**	yes
1.16	Lead in **µg/L**	yes
0	Mercury in **µg/L**	yes
0.65	Nickel in **µg/L**	yes
0	Selenium in **µg/L**	yes
0	Silver in **µg/L**	yes

24.7	Zinc in **µg/L**	yes

Enter **influent** concentrations in the units specified

↓

0	TRC in **µg/L**
0	Ammonia in **mg/L**
0	Antimony in **µg/L**
10.9	Arsenic in **µg/L**
0	Cadmium in **µg/L**
13	Chromium III in **µg/L**
0	Chromium VI in **µg/L**
0	Copper in **µg/L**
0	Iron in **µg/L**
530	Lead in **µg/L**
0.5	Mercury in **µg/L**
0	Nickel in **µg/L**
0	Selenium in **µg/L**
0	Silver in **µg/L**
319	Zinc in **µg/L**
183	Cyanide in **µg/L**
0	Phenol in **µg/L**
0	Carbon Tetrachloride in **µg/L**
0	Tetrachloroethylene in **µg/L**
0	Total Phthalates in **µg/L**
0	Diethylhexylphthalate in **µg/L**
0	Benzo(a)anthracene in **µg/L**
0	Benzo(a)pyrene in **µg/L**
0	Benzo(b)fluoranthene in **µg/L**
0	Benzo(k)fluoranthene in **µg/L**
0	Chrysene in **µg/L**
0	Dibenzo(a,h)anthracene in **µg/L**
0	Indeno(1,2,3-cd)pyrene in **µg/L**
0	Methyl-tert butyl ether in **µg/L**

Notes: Revised 1-24-20

Freshwater: leave 0 unless 7Q10 or alternate Q_R AND a dilution factor >1 approved by the State;
Saltwater (estuarine and marine): leave 0 unless QR approved by the State

Enter the design flow or 1 MGD, whichever is less (100 gpm design flow = 0.144 MGD and is entered by

Leave 0 unless Q_R approved by the State

Freshwater: leave 0
Saltwater (estuarine and marine): leave 0 unless DF approved by the State

Applies to freshwater receiving waters only

pH, temperature, and ammonia required for all discharges

Hardness required for freshwater

Salinity required for saltwater (estuarine and marine)

Metals required for all discharges if detected in the influent and if dilution factor approved by State

Enter 0 if non-detect or testing not required

If receiving water is not listed as impaired for metals in State 303(d) List, change to "no" using dropdown

if >1 sample, enter maximum influent measurement
if >10 samples, may enter 95th percentile of influent measurements using
EPA's *Technical Support Document for Water Quality-based Toxics Control*
Enter 0 if non-detect or testing not required

Category 5 waters listed alphabetically by major watershed
The 303(d) List – "Waters requiring a TMDL"

Water Body	Segment ID	Description	Size	Units	Impairment	EPA TMDL No.
Charles River	MA72-36	From Watertown Dam (NATID: MA00456), Watertown to the Boston University Bridge, Boston/Cambridge (formerly part of segment MA72-08).	6.10	Miles	(Fish Passage Barrier*)	
					(Flow Regime Modification*)	
					(Non-Native Aquatic Plants*)	
					Chlorophyll-a	33826
					DDT in Fish Tissue	
					Dissolved Oxygen	
					Escherichia Coli (E. Coli)	32371
					Fish Bioassessments	
					Harmful Algal Blooms	33826
					Nutrient/Eutrophication Biological Indicators	33826
					Oil and Grease	
					PCBs In Fish Tissue	
					pH, High	
					Phosphorus, Total	33826
					Sediment Bioassay (Acute Toxicity Freshwater)	
					Transparency / Clarity	33826
					Unspecified Metals in Sediment	
Charles River	MA72-38	From Boston University Bridge, Boston/Cambridge to mouth at the New Charles River Dam (NATID: MA01092), Boston (formerly part of segment MA72-08).	3.10	Miles	(Flow Regime Modification*)	
					Cause Unknown (Sediment Screening Value (Exceedence))	
					Chlorophyll-a	33826
					Combined Biota/Habitat Bioassessments	
					DDT in Fish Tissue	
					Dissolved Oxygen	
					Dissolved Oxygen Supersaturation	33826
					Escherichia Coli (E. Coli)	32371
					Harmful Algal Blooms	33826
					Nutrient/Eutrophication Biological Indicators	33826
					Odor	33826
					Oil and Grease	
					PCBs In Fish Tissue	
					Phosphorus, Total	33826
					Salinity	
					Temperature	
					Transparency / Clarity	33826
Chicken Brook	MA72-34	Source, outlet Waseeka Sanctuary Pond, Holliston to mouth at confluence with the Charles River, Medway.	7.40	Miles	Escherichia Coli (E. Coli)	
Crystal Lake	MA72030	Newton.	27.00	Acres	Harmful Algal Blooms	

From: Ruan, Xiaodan (DEP)
To: Smith, Brandon
Cc: Vakalopoulos, Catherine (DEP)
Subject: RE: Proposed Gas Transfer Station, Kendall Station - RGP Dilution Factor
Date: Tuesday, January 25, 2022 11:27:29 AM
Attachments: image001.png
image002.png
image003.png
image004.png
image005.png
BroadCanal.pdf

Thanks, Brandon, for the information about the outfall.

Because the outfall is at the Broad Canal and not directly to the Charles River, no dilution will be allowed because the Broad Canal is stormwater dominant and does not receive enough flow. It is similar to the Lechmere Canal, where there is no dilution because it does not receive enough flow. I have also attached the StreamStats report showing that a 7Q10 is not available for Broad Canal.

Here is water quality information in assisting you in filling out the NOI:

> Waterbody and ID: Broad Canal to Charles River (MA72-38) within Charles River Watershed
> Classification: B
> Outstanding Resource Water?: no
> State's most recent Integrated List is located here: https://www.epa.gov/sites/production/files/2020-01/documents/2016-ma-303d-list-report.pdf, search for "MA72-38" to see the causes of impairments.
> TMDLs: there are two approved TMDL (pathogen and nutrients) for this segment.

As you may know, if this is not a *current* MCP site, then in addition to submitting the NOI to EPA, you need to apply with MassDEP and submit a $500 fee (unless fee exempt, e.g., municipality). For MassDEP's application, please use ePLACE, an online application submittal process where you will set up a user ID and be able to submit NOIs for various projects as well as pay by credit card. The instructions are located on this page: https://www.mass.gov/how-to/wm-15-npdes-general-permit-notice-of-intent. Technical assistant information is available on the front page of the ePLACE application webpage.

Please let me know if you have any questions.

Thanks,
Xiaodan

Xiaodan Ruan
Environmental Engineer
Massachusetts Department of Environmental Protection
One Winter Street, Boston, MA 02108
(857)-256-4172
xiaodan.ruan@mass.gov

From: Smith, Brandon <Brandon.Smith@tetratech.com>
Sent: Tuesday, January 25, 2022 10:12 AM
To: Ruan, Xiaodan (DEP) <xiaodan.ruan@mass.gov>
Cc: Vakalopoulos, Catherine (DEP) <catherine.vakalopoulos@mass.gov>
Subject: RE: Proposed Gas Transfer Station, Kendall Station - RGP Dilution Factor

Hi Xiaodan,

No problem at all, I just wanted to check in. The outfall our client is planning on using is Outfall D51 that discharges into Broad Canal then the Charles River.

v/R,
Brandon

Brandon E. Smith, P.E., CHMM | Project Manager / Environmental Engineer
Direct **+1 (603) 328-1470** | Business **+1 (603) 328-1558** | Mobile **+1 (781) 526-1484** |
brandon.smith@tetratech.com

Tetra Tech | *Leading with Science*® | EGS/NE Region Operations
5 Industrial Way, Suite 2B | Salem, NH 03079 | tetratech.com

From: Ruan, Xiaodan (DEP) <xiaodan.ruan@state.ma.us>
Sent: Tuesday, January 25, 2022 9:39 AM
To: Smith, Brandon <Brandon.Smith@tetratech.com>
Cc: Vakalopoulos, Catherine (DEP) <catherine.vakalopoulos@state.ma.us>
Subject: RE: Proposed Gas Transfer Station, Kendall Station - RGP Dilution Factor

Hi Brandon,

Thanks for checking in. I was going to reply to you today. I looked at this last week and had a question that I needed to discuss with Cathy, I will get back to you today.
Could you provide the outfall location for the storm drain? It may affect which point to click on in StreamStats to run the 7Q10.

Thanks,
Xiaodan

Xiaodan Ruan
Environmental Engineer
Massachusetts Department of Environmental Protection
One Winter Street, Boston, MA 02108
(857)-256-4172
xiaodan.ruan@mass.gov

From: Smith, Brandon <Brandon.Smith@tetratech.com>
Sent: Tuesday, January 25, 2022 8:48 AM
To: Vakalopoulos, Catherine (DEP) <catherine.vakalopoulos@mass.gov>; Ruan, Xiaodan (DEP) <xiaodan.ruan@mass.gov>
Subject: RE: Proposed Gas Transfer Station, Kendall Station - RGP Dilution Factor

Good Morning,

I was just checking to see if you had a chance to review the RGP dilution factor for the Propose Gas Transfer Station at Kendall Station in Cambridge?

Sorry for the confusion with the Newton typo.

Thank you,
Brandon

Brandon E. Smith, P.E., CHMM | Project Manager / Environmental Engineer
Direct **+1 (603) 328-1470** | Business **+1 (603) 328-1558** | Mobile **+1 (781) 526-1484** |
brandon.smith@tetratech.com

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5 Industrial Way, Suite 2B | Salem, NH 03079 | tetratech.com

From: Vakalopoulos, Catherine (DEP) <catherine.vakalopoulos@state.ma.us>

Sent: Wednesday, January 19, 2022 2:53 PM
To: Ruan, Xiaodan (DEP) <xiaodan.ruan@state.ma.us>
Cc: Smith, Brandon <Brandon.Smith@tetratech.com>
Subject: Fw: Proposed Gas Transfer Station, Kendall Station - RGP Dilution Factor

Hi Xiaodan,
Please review this when you have the chance. Thanks for your help!
Cathy

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

From: Smith, Brandon <Brandon.Smith@tetratech.com>
Sent: Tuesday, January 18, 2022 1:58 PM
To: Vakalopoulos, Catherine (DEP) <catherine.vakalopoulos@mass.gov>
Subject: Proposed Gas Transfer Station, Kendall Station - RGP Dilution Factor

Hi Cathy,

I am currently preparing a NOI for BioMed Realty to discharge under the RGP for the proposed New Gas Transfer Project located at near 265 First Street Cambridge in Newton. The Contractor would like to discharge treated water off-site into a storm drain that discharges in to the Charles River (MA72-38). Before we submit our NOI to the EPA, I wanted to confirm the dilution factor we planned to use.

Here is what I calculated (the Streamstats sheet for the Charles River is attached):

7Q10 for Charles River: 29.7 cfs = 19.20 MGD

Design flow: 100 gpm = 0.144 MGD

DF = (19.20 + 0.144)/0.144 = 134.3

Can you please confirm if this DF is acceptable?

Thank you,
Brandon Smith

Brandon E. Smith, P.E., CHMM | Project Manager / Environmental Engineer

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brandon.smith@tetratech.com

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Appendix C
Additional NOI Supporting Information

City of Cambridge Stormwater Catchment Areas and Outfalls

Date: 06/15/2021

Catchment Areas

Combined

D01- CAM017
D03- Prison Point
D03A- Prison Point
D17- Cottage Farm
D20- Cottage Farm
D22- CAM011
D24- Cottage Farm
D26- CAM009
D29- CAM007
D30- Cottage Farm
D32- CAM005
D37- CAM401A
D39- MWR003/CAM401A
D41- CAM002
D43- CAM001

Separated

D02- Lechmere Canal
D03B- Museum Way
D03C- North Point
D03D- Lechmere Canal
D04- Main St
D05- Wadsworth St
D06- Ames St
D07- Broad Canal
D08- Mass Ave at Memorial Dr
D09- Danforth St
D10- Endicott St
D11- Amesbury St
D12- Talbot St
D15- Pearl St
D16- Pleasant St
D17A- Western Ave
D18- Hingham St
D19- Flagg St
D21- Dewolfe St
D23- JFK East
D25- JFK West
D27- University Rd
D28- Brewer St
D31- Spark St
D33- Blanchard Rd at Wellinton Brook
D33A- Blanchard Rd
D34- Normandy Terr
D36- Stormwater Wetland
D36R_2/3/4- Local Drainage (Fresh Pond)
D38- North of Cambridgepark Dr
D40- Harrison Ave
D44- Matignon Rd
D46- Acorn Park Dr
D50- Cemetery Drainage 237
D51- Kendall St
D52_3/4/5- Russel Field
D53- Binney St
D55- River St
D56- Cemetery Drainage 104
IC-1- Shady Hill School

N W E S

Catchments

- MS4 Stormwater Catchments
- Combined Sewer Catchments
- Non-MS4/Non-Cambridge (Owned by others) Stormwater Catchments
- Proposed Stormwater Catchments

Outfalls

- Active Combined Sewer Overflow (CSO) Outfalls
- Inactive CSO Outfalls
- Proposed Stormwater Outfall
- Stormwater Outfall
- Interconnection
- Connection Points from Belmont
- Stormwater Outfall not discharging to Waters of the U.S.
- Water Segment Divide
- Watershed Divide
- Wetlands

Blacks Nook (Segment MA71005)

Impairments:	Monitoring Requirements:
(Non-Native Aquatic Plants*)	No Monitoring Requirements
Nutrient/Eutrophication Biological Indicators	Total Phosphorus
Transparency/Clarity	Total Suspended Solids
*TMDL Not Required (Non-Pollutant)	

Alewife Brook (Segment MA71-04)

Impairments:	Monitoring Requirements:
(Debris*)	No Monitoring Requirements
(Trash*)	No Monitoring Requirements
Copper	Copper, Total
DO	Dissolved Oxygen, Temperature, BOD5, Total Phosphorus
E. coli	E. coli
Flocculant Masses	Contact MassDEP
Lead	Lead, Total
Odor	No Monitoring Requirements
Oil and Grease	Oil and Grease
PCB in Fish Tissue	No Monitoring Requirements
Total Phosphorus	Total Phosphorus
Scum/Foam	Contact MassDEP
Sediment Bioassays -- Chronic Toxicity Freshwater	Contact MassDEP
Transpancy/Clarity	Total Suspended Solids
*TMDL Not Required (Non-Pollutant)	

Millers River (Segment MA72-31)

Impairments:	Monitoring Requirements:
(Bottom Deposits*)	Total Suspended Solids
(Debris*)	No Monitoring Requirements
(Habitat Assessment*)	Contact MassDEP
(Trash*)	No Monitoring Requirements
Flocculant Masses	Contact MassDEP
Metals	Contact MassDEP
Odor	No Monitoring Requirements
Oil and Grease	Oil and Grease
Petroleum Hydrocarbons	Oil and Grease
Polychlorinated Biphenyls (PCBs)	No Monitoring Requirements
Polycyclic Aromatic Hydrocarbons (PAHs) (Aquatic Ecosystems)	PAHs
Scum/Foam	
Sedimentation/Siltation	Contract MassDEP
Turbidity	Total Suspended Solids
*TMDL Not Required (Non-Pollutant)	Turbidity

Charles River (Segment MA72-38)

Impairments:	Monitoring Requirements:
(Flow regime modification*)	No Monitoring Requirements
Cause Unknown- (Sediment Screening Value Exceedance)	Contact MassDEP
Chlorophyll-a	Total Phosphorus
Combined Biota/Habitat--Bioassessments	Contact MassDEP
DO and DO Supersaturation	Dissolved Oxygen, Temperature, BOD5, Total Phosphorus
DDT in Fish Tissue	No Monitoring Requirements
E. coli	E. coli
Harmful Algal Blooms	Total Phosphorus
Nutrient/Eutrophication -- Biological Indicators	Total Phosphorus
Odor	No Monitoring Requirements
Oil and Grease	Oil and Grease
PCB in Fish Tissue	No Monitoring Requirements
Salinity	Specific Conductance
Total Phosphorus	Total Phosphorus
Temperature	No Monitoring Requirements
Transparency/Clarity	Total Suspended Solids
*TMDL Not Required (Non-Pollutant)	

Charles River (Segment MA72-36)

Impairments:	Monitoring Requirements:
(Fish-Passage Barrier*)	No Monitoring Requirements
(Flow Regime modification*)	No Monitoring Requirements
(Non-Native Aquatic Plants*)	No Monitoring Requirements
Chlorophyll-a	Total Phosphorus
Dissolved Oxygen (DO)	Dissolved Oxygen, Temperature, BOD5, Total Phosphorus
DDT in Fish Tissue	No Monitoring Requirements
E. coli	E. coli
Fish Bioassessments	Contact MassDEP
Harmful Algal Blooms	Total Phosphorus
Nutrient/Eutrophication Biological Indicators	Total Phosphorus
Oil and Grease	Oil and Grease
PCB in Fish Tissue	No Monitoring Requirements
High pH	pH
Total Phosphorus	Total Phosphorus
Sediment Bioassays -- Acute Toxicity Freshwater	Contact MassDEP
Transparency/Clarity	Toxicity Freshwater
Unspecified Metals in Sediment	Total Suspended Solids
*TMDL Not Required (Non-Pollutant)	Contact MassDEP

Cambridge CityViewer *City of Cambridge, MA* (https://www.cambridgema.gov/GIS/interactivemaps/Cambridgecityviewer)

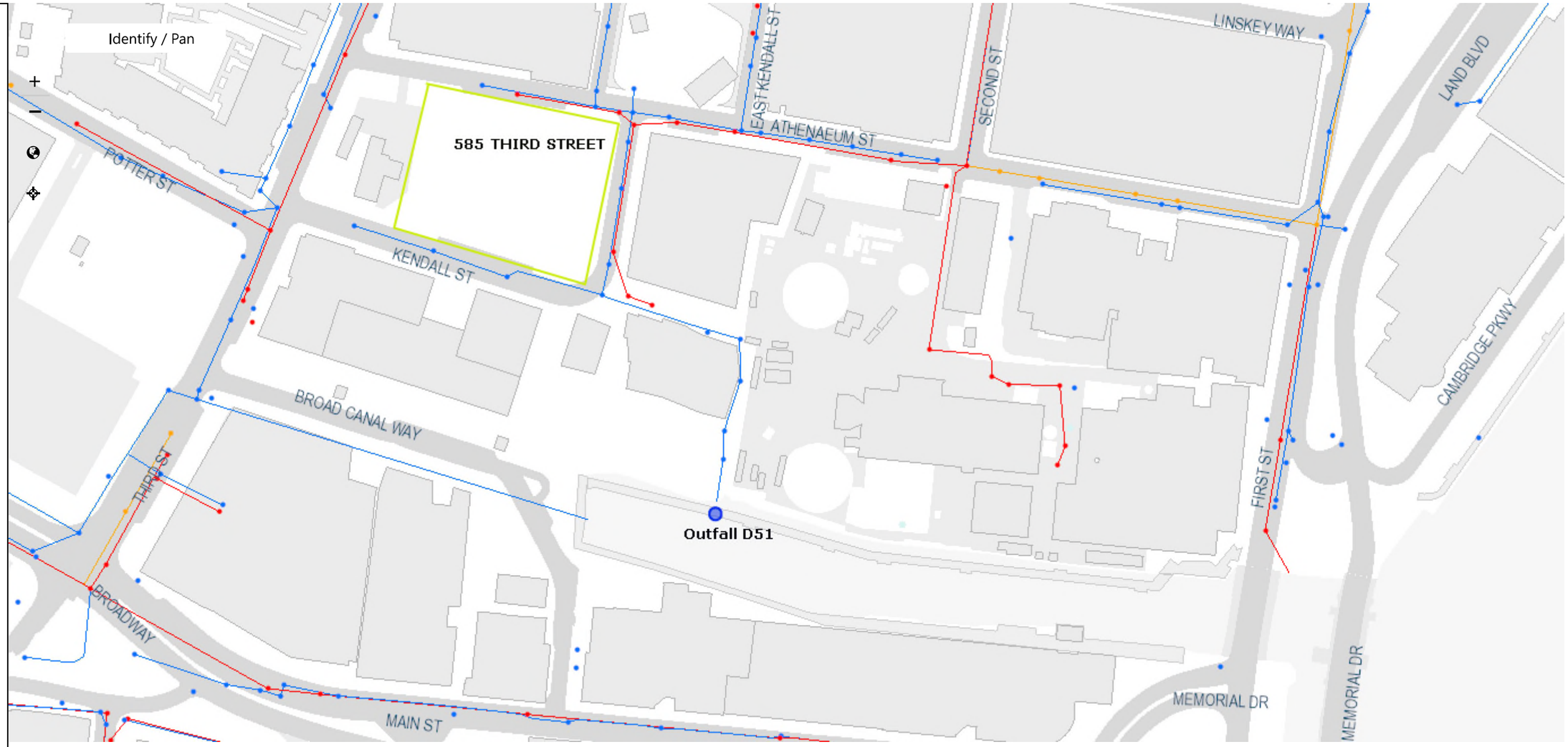
Search

Selection

Maps

Draw

Share



5.1.0 (production)

100 ft

Leaflet (http://leafletjs.com)

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Middlesex and Suffolk counties, Massachusetts

Local office

New England Ecological Services Field Office

(603) 223-2541
(603) 223-0104

70 Commercial Street, Suite 300
Concord, NH 03301-5094

http://www.fws.gov/newengland

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Insects

NAME	STATUS

Monarch Butterfly Danaus plexippus — Candidate

Wherever found

No critical habitat has been designated for this species.
http://ecos.fws.gov/ecp/species/9743

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php
- Measures for avoiding and minimizing impacts to birds http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php
- Nationwide conservation measures for birds http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES THAT THE BIRD DOES NOT LIKELY BREED IN YOUR PROJECT AREA.)
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. http://ecos.fws.gov/ecp/species/1626	Breeds Oct 15 to Aug 31
Black-billed Cuckoo *Coccyzus erythropthalmus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. http://ecos.fws.gov/ecp/species/9399	Breeds May 15 to Oct 10
Blue-winged Warbler *Vermivora pinus* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds May 1 to Jun 30
Bobolink *Dolichonyx oryzivorus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 20 to Jul 31
Canada Warbler *Cardellina canadensis* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 20 to Aug 10
Cerulean Warbler *Dendroica cerulea* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. http://ecos.fws.gov/ecp/species/2974	Breeds Apr 29 to Jul 20

Kentucky Warbler Oporornis formosus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 20 to Aug 20
Lesser Yellowlegs Tringa flavipes This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. http://ecos.fws.gov/ecp/species/9679	Breeds elsewhere
Prairie Warbler Dendroica discolor This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Jul 31
Prothonotary Warbler Protonotaria citrea This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 1 to Jul 31
Red-headed Woodpecker Melanerpes erythrocephalus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Sep 10
Rusty Blackbird Euphagus carolinus This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds elsewhere
Wood Thrush Hylocichla mustelina This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Aug 31

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

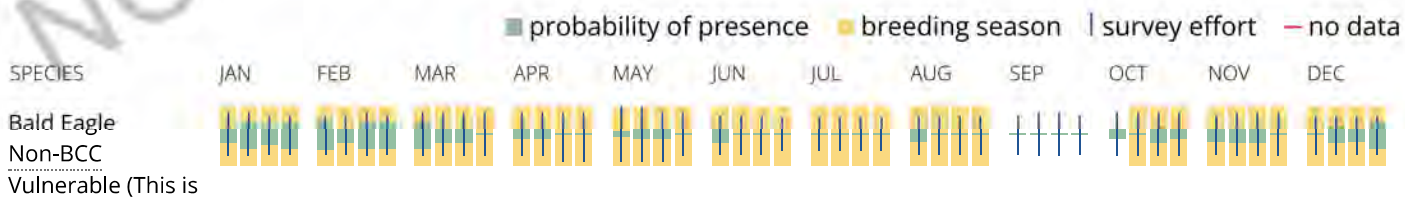
Breeding Season (▮)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

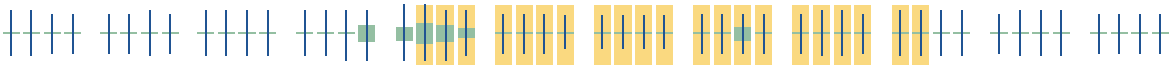
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



Black-billed Cuckoo BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

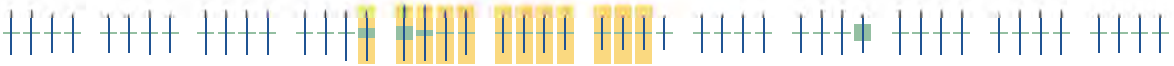


Blue-winged Warbler BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)

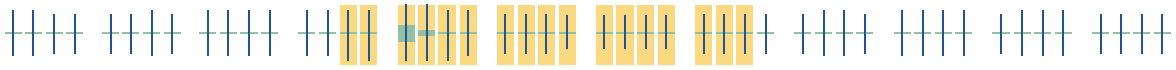
Bobolink BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Canada Warbler BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Cerulean Warbler BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)



Kentucky Warbler BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)



Lesser Yellowlegs BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Prairie Warbler BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

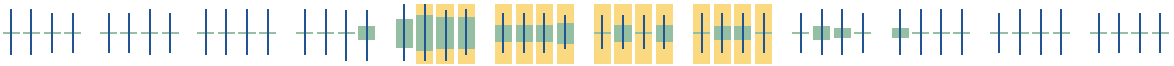
Prothonotary Warbler BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Red-headed Woodpecker BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Rusty Blackbird BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)

SPECIES JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Wood Thrush BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)



Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the AKN Phenology Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets .

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: The Cornell Lab of Ornithology All About Birds Bird Guide, or (if you are unsuccessful in locating the bird of interest there), the Cornell Lab of Ornithology Neotropical Birds guide. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact Caleb Spiegel or Pam Loring.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km

grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

This location overlaps the following wetlands:

ESTUARINE AND MARINE DEEPWATER

E1UBLx

LAKE

L1UBH

A full description for each wetland code can be found at the National Wetlands Inventory website

Data limitations

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.

Wetlands or other mapped features may have changed since the date of the imagery 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.

Data 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.

Data 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.

Massachusetts Cultural Resource Information System

MACRIS

MACRIS Search Results

Search Date: 3/1/2022
Search Criteria: Town(s): Cambridge;

Inv. No.	Property Name	Street	Town	Year	Designations
CAM.A	Cambridge Common Historic District		Cambridge		LHD; NRDIS; NRMRA;
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		LHD;
CAM.E	East Cambridge Historic District		Cambridge		NRDIS; NRMRA;
CAM.F	Winter Street Historic District		Cambridge		NRDIS; NRMRA;
CAM.G	Cambridge Multiple Resource Area		Cambridge		NRMRA;
CAM.H	Lechmere Point Corporation Houses		Cambridge		NRDIS; NRMRA;
CAM.I	Sacred Heart Church, Rectory, School and Convent		Cambridge		NRDIS; NRMRA;
CAM.J	Upper Magazine Street Historic District		Cambridge		NRDIS; NRMRA;
CAM.K	Hastings Square Historic District		Cambridge		NRDIS; NRMRA;
CAM.L	Salem - Auburn Streets Historic District		Cambridge		NRDIS; NRMRA;
CAM.M	Inman Square Historic District		Cambridge		NRDIS; NRMRA;
CAM.N	Old Cambridgeport Historic District		Cambridge		NRDIS; NRMRA;
CAM.O	Norfolk Street Historic District		Cambridge		NRDIS; NRMRA;
CAM.P	Massachusetts Institute of Technology		Cambridge		NRMRA; NRDOE;
CAM.Q	Central Square Historic District		Cambridge		NRDIS; NRMRA;
CAM.R	Bigelow Street Historic District		Cambridge		NRDIS; NRMRA;
CAM.S	Garfield Street Historic District		Cambridge		NRDIS; NRMRA;
CAM.T	Harvard Street Historic District		Cambridge		NRDIS; NRMRA;
CAM.U	Kirkland Place Historic District		Cambridge		NRMRA; NRDOE;
CAM.V	Maple Avenue Historic District		Cambridge		NRDIS; NRMRA;
CAM.W	City Hall Historic District		Cambridge		NRDIS; NRMRA; NRDIS; NRMRA;
CAM.X	Shady Hill Historic District		Cambridge		NRDIS; NRMRA;
CAM.Y	Ash Street Historic District		Cambridge		NRDIS; NRMRA;
CAM.Z	Avon Hill Historic District		Cambridge		NRDIS; NRMRA;
CAM.AA	Berkeley Street Historic District		Cambridge		NRDIS; NRMRA; LHD;
CAM.AB	Harvard Square Historic District		Cambridge		NRDIS; NRMRA;
CAM.AC	Harvard Houses Historic District		Cambridge		NRDIS; NRMRA;
CAM.AD	Harvard Yard Historic District		Cambridge		NRDOE; LHD; NRDIS; NRMRA;
CAM.AE	Old Cambridge Historic District		Cambridge		NRDIS; NRMRA; LHD;
CAM.AF	Gray Gardens East and West Historic District		Cambridge		NRDIS; NRMRA;
CAM.AG	Memorial Drive Apartments Historic District		Cambridge		NRDIS; NRMRA;
CAM.AH	Follen Street Historic District		Cambridge		NRDIS; NRMRA; LHD;
CAM.AI	Bennink - Douglas Cottages		Cambridge		NRDIS; NRMRA;
CAM.AJ	Charles River Basin Historic District		Cambridge		NRDIS;
CAM.AK	Boston Woven Hose and Rubber Complex		Cambridge		
CAM.AL	Fresh Pond		Cambridge		
CAM.AM	Old Cambridge Historic District		Cambridge		LHD;
CAM.AN	Harvard Riverfront		Cambridge		
CAM.AO	East Cambridge		Cambridge		
CAM.AP	Hubbard Park Historic District		Cambridge		NRDIS; NRMRA;
CAM.AQ	Davenport - Allen and Endicott Factory		Cambridge		NRMRA; NRDOE;
CAM.AR	Mount Auburn Cemetery		Cambridge		NRIND; NHL;
CAM.AS	Metropolitan Park System of Greater Boston		Cambridge		NRMPS;
CAM.AT	Elmwood (James Russell Lowell House)		Cambridge		NRIND; NHL; NRDIS; NRMRA; LHD;
CAM.AU	Christ Church		Cambridge		NHL; NRIND; LHD; NRDIS; NRMRA;
CAM.AV	Blake and Knowles Steam Pump Company		Cambridge		NRDIS;
CAM.AW	Alewife Brook Parkway		Cambridge		NRDIS; NRMPS;
CAM.AX	Fresh Pond Parkway		Cambridge		NRDIS; NRMPS;
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		NRDIS;

Inv. No.	Property Name	Street	Town	Year	Designations
CAM.BD	Cambridge Common Historic District		Cambridge		NRDIS; NRMRA; LHD;
CAM.BE	Old Harvard Yard		Cambridge		NRDIS; LHD;
CAM.BF	Berkeley Street Historic District		Cambridge		NRDIS; NRMRA; LHD;
CAM.BG	Harvard Square Historic District		Cambridge		NRDIS; NRMRA;
CAM.BH	Volpe Center		Cambridge		
CAM.9046	Gateway to Knowledge		Cambridge	1983	NRDIS; NRMRA;
CAM.9035	Harvard University - Lowell, James Russell Bust		Cambridge	1884	NRDIS; NRMRA;
CAM.9043	Harvard University - Night Wall I		Cambridge	1972	
CAM.9040	Harvard University - Tanner Fountain		Cambridge	1984	
CAM.9041	Harvard University - Toplogical III		Cambridge		
CAM.9042	Harvard University - Tree of Life		Cambridge	1950	
CAM.9031	M. I. T. - Guennette		Cambridge		
CAM.9028	M. I. T. - Niagra		Cambridge	1973	
CAM.9030	M. I. T. - The Bather		Cambridge	1924	
CAM.9027	M. I. T. - Angola		Cambridge	1968	
CAM.9025	M. I. T. - The Big Sail		Cambridge	1965	
CAM.9029	M. I. T. - Trinity		Cambridge	1971	
CAM.9048	Omphalos		Cambridge	1985	LHD; NRDIS; NRMRA;
CAM.9059	The Kendall Band - Three Parts: Pythaforas, Johann Kepler, Galileo		Cambridge	1987	
CAM.1	Wyeth, John House	56 Aberdeen Ave	Cambridge	1841	NRIND; NRMRA;
CAM.1009		24 Agassiz St	Cambridge	1889	NRDIS; NRMRA;
CAM.1010	Shaw, Edward L. House	30 Agassiz St	Cambridge	1890	NRDIS; NRMRA;
CAM.1011	Sands, M. Winslow House	32 Agassiz St	Cambridge	1891	NRDIS; NRMRA;
CAM.1012	Blackman, Horace House	33 Agassiz St	Cambridge	1890	NRDIS; NRMRA;
CAM.1353	Standard Plate Glass Company Building	270 Albany St	Cambridge	1920	
CAM.9012	Alewife Brook Parkway - Northern Segment	Alewife Brook Pkwy	Cambridge	1908	NRDIS; NRMPS;
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.9013	Alewife Brook Parkway Tree Border	Alewife Brook Pkwy	Cambridge	R 1920	NRDIS; NRMPS;
CAM.9092	Environmental Site Work	Alewife Brook Pkwy	Cambridge	1985	
CAM.1373	Immaculate Conception Catholic Church Rectory	45 Alewife Brook Pkwy	Cambridge	1935	
CAM.1372	Immaculate Conception Roman Catholic Church	45 Alewife Brook Pkwy	Cambridge	1929	
CAM.9093	Tile Wall Mural	Alewife MBTA Station	Cambridge	C 1985	
CAM.9095	Two Sculptural Benches	Alewife MBTA Station	Cambridge		
CAM.9094	Untitled - Past and Lintel Sculpture	Alewife MBTA Station	Cambridge	1985	
CAM.359		6-24 Allston St	Cambridge	1946	LHD;
CAM.9033	M. I. T. - Reclining Figure - Bronze Edition 1 of 2	3 Ames St	Cambridge	1963	
CAM.9032	M. I. T. - Transparent Horizon	3 Ames St	Cambridge	1975	
CAM.9022	M. I. T. - For Marjorie	Amherst St	Cambridge	1961	
CAM.2	Fay, Isaac House	125 Antrim St	Cambridge	1843	NRIND; NRMRA;
CAM.3	Withey, S. B. House	10 Appian Way	Cambridge	1855	NRIND; NRMRA;
CAM.4	Howe, Lois Lilly House	6 Appleton St	Cambridge	1887	NRIND; NRMRA; LHD;
CAM.5	Cook, William House	71 Appleton St	Cambridge	1876	NRIND; NRMRA;
CAM.1016		8-10 Arlington St	Cambridge	1864	NRDIS; NRMRA;
CAM.1027	Aldrich, Frank A. House	11 Arlington St	Cambridge	1899	NRDIS; NRMRA;
CAM.1017		12-14 Arlington St	Cambridge	1864	NRDIS; NRMRA;
CAM.1028	Graustein, Adolph H. House	19 Arlington St	Cambridge	1902	NRDIS; NRMRA;
CAM.1018		22 Arlington St	Cambridge	1862	NRDIS; NRMRA;
CAM.1019	Fillmore, Wellington House	24 Arlington St	Cambridge	1869	NRDIS; NRMRA;
CAM.1347		25 Arlington St	Cambridge		NRDIS; NRMRA;
CAM.1020	Moor, Rev. Clark House	26 Arlington St	Cambridge	1869	NRDIS; NRMRA;
CAM.1021	Blackman, Horace P. House	28 Arlington St	Cambridge	1876	NRDIS; NRMRA;
CAM.1022		30 Arlington St	Cambridge	1876	NRDIS; NRMRA;
CAM.1023	Jameson, Edwin A. L. House	32 Arlington St	Cambridge	1872	NRDIS; NRMRA;
CAM.1029	Davis, John House	33 Arlington St	Cambridge	1869	NRDIS; NRMRA;

Inv. No.	Property Name	Street	Town	Year	Designations
CAM.1024		36 Arlington St	Cambridge	1872	NRDIS; NRMRA;
CAM.1030	Kelsey, Albert House	37 Arlington St	Cambridge	1875	NRDIS; NRMRA;
CAM.1025	Moor, Rev. Clark Double House	38-40 Arlington St	Cambridge	1874	NRDIS; NRMRA;
CAM.1026	Boardman, Charles House	42 Arlington St	Cambridge	1871	NRDIS; NRMRA;
CAM.1061	Harvard Catholic Student Center	20 Arrow St	Cambridge	C 1890	NRDIS; NRMRA;
CAM.1062	Saint Paul's Church	24 Arrow St	Cambridge	R 1920	NRDIS; NRMRA;
CAM.784	Brooks, John House	5 Ash St	Cambridge	1887	NRDIS; NRMRA;
CAM.6	Johnson, Philip House	9 Ash St	Cambridge	1942	NRDIS; NRMRA;
CAM.785	Ela, Lucia House	13 Ash St	Cambridge	1869	NRDIS; NRMRA;
CAM.787	Eliot, T. S. House	16 Ash St	Cambridge	1855	NRDIS; NRMRA;
CAM.786	Nowell, Henry House	19 Ash St	Cambridge	1825	NRDIS; NRMRA;
CAM.788	Hunnewell, James A. House	6 Ash Street Pl	Cambridge	1848	NRDIS; NRMRA;
CAM.522		107 Auburn St	Cambridge	1803	NRDIS; NRMRA;
CAM.523		108-110 Auburn St	Cambridge	1803	NRDIS; NRMRA;
CAM.524		114 Auburn St	Cambridge	C 1844	NRDIS; NRMRA;
CAM.525		119 Auburn St	Cambridge	C 1829	NRDIS; NRMRA;
CAM.526		122 Auburn St	Cambridge	C 1840	NRDIS; NRMRA;
CAM.527		131 Auburn St	Cambridge	C 1830	NRDIS; NRMRA;
CAM.528		134 Auburn St	Cambridge	C 1845	NRDIS; NRMRA;
CAM.7	Ellis, Asa House	158 Auburn St	Cambridge	1805	NRIND; NRMRA;
CAM.564	Hotel Eliot	66 Austin St	Cambridge	C 1885	NRDIS; NRMRA;
CAM.565	Hotel Austin	70 Austin St	Cambridge	C 1885	NRDIS; NRMRA;
CAM.8	Brabrook, Ezra H. House	42-44 Avon St	Cambridge	1849	NRIND; NRMRA;
CAM.352	Blake and Knowles Main Foundry	180 Bent St	Cambridge	C 1895	
CAM.1035		1 Berkeley Pl	Cambridge	1892	NRDIS; NRMRA; LHD;
CAM.1036		2 Berkeley Pl	Cambridge	1892	NRDIS; NRMRA; LHD;
CAM.1037		3 Berkeley Pl	Cambridge	1892	NRDIS; NRMRA; LHD;
CAM.1038		4 Berkeley Pl	Cambridge	1910	NRDIS; NRMRA; LHD;
CAM.1039		5 Berkeley Pl	Cambridge	1900	NRDIS; NRMRA; LHD;
CAM.1040		6 Berkeley Pl	Cambridge	1914	NRDIS; NRMRA; LHD;
CAM.1041		7 Berkeley Pl	Cambridge	1913	NRDIS; NRMRA; LHD;
CAM.1042		8 Berkeley Pl	Cambridge	1931	NRDIS; NRMRA; LHD;
CAM.1043	Pryor - Brown House	1 Berkeley St	Cambridge	1852	NRDIS; NRMRA; LHD;
CAM.10	Thayer, Prof. Studio	2 1/2 Berkeley St	Cambridge	1894	NRDIS; NRMRA; NRDIS; NRMRA; LHD;
CAM.1044	Pryor - Howells House	3 Berkeley St	Cambridge	1856	NRDIS; NRMRA; LHD;
CAM.1045	Dana, Richard H. House	4 Berkeley St	Cambridge	1851	NRDIS; NRMRA; LHD;
CAM.1046	Wyeth - Allen House	5-7R Berkeley St	Cambridge	1852	NRDIS; NRMRA; LHD;
CAM.1047		6 Berkeley St	Cambridge	1853	NRDIS; NRMRA; LHD;
CAM.1048	Ware, Henry House	8 Berkeley St	Cambridge	1859	NRDIS; NRMRA; LHD;
CAM.1049	Allyn, John House	11 Berkeley St	Cambridge	1886	NRDIS; NRMRA; LHD;
CAM.1050		12 Berkeley St	Cambridge	1881	NRDIS; NRMRA; LHD;
CAM.1051		13 Berkeley St	Cambridge	1898	NRDIS; NRMRA; LHD;
CAM.1052	Williston, Lyman House	15 Berkeley St	Cambridge	1863	NRDIS; NRMRA; LHD;
CAM.1053		16 Berkeley St	Cambridge	1905	NRDIS; NRMRA; LHD;
CAM.1054		17 Berkeley St	Cambridge	1863	NRDIS; NRMRA; LHD;
CAM.1055		19 Berkeley St	Cambridge	1854	NRDIS; NRMRA; LHD;
CAM.1056	Newell, William House	20 Berkeley St	Cambridge	1856	NRDIS; NRMRA; LHD;
CAM.1057		21 Berkeley St	Cambridge	1854	NRDIS; NRMRA; LHD;
CAM.1058	Fiske, John House	22 Berkeley St	Cambridge	1877	NRDIS; NRMRA; LHD;
CAM.1059		23 Berkeley St	Cambridge	1854	NRDIS; NRMRA; LHD;
CAM.1060		24 Berkeley St	Cambridge	1936	NRDIS; NRMRA; LHD;
CAM.1355	Craft, William House	5 Bigelow St	Cambridge	1869	NRDIS; NRMRA;
CAM.1356	Sharry, William J. House	5A Bigelow St	Cambridge	1940	NRDIS; NRMRA;
CAM.663	Montague, Charles House	6 Bigelow St	Cambridge	1873	NRDIS; NRMRA;
CAM.655	Snow, Simeon House	7 Bigelow St	Cambridge	1869	NRDIS; NRMRA;

Inv. No.	Property Name	Street	Town	Year	Designations
CAM.1360	Rhodes, Silas Jr. House	8 Bigelow St	Cambridge	1871	NRDIS; NRMRA; PR;
CAM.656	Pollard, John Double House	9-11 Bigelow St	Cambridge	1874	NRDIS; NRMRA;
CAM.664	Hurd, Theodore House	10-12 Bigelow St	Cambridge	1884	NRDIS; NRMRA;
CAM.657	Bird, Henry House	13 Bigelow St	Cambridge	1874	NRDIS; NRMRA;
CAM.1361	Pike, Walter House	14 Bigelow St	Cambridge	1888	NRDIS; NRMRA;
CAM.658	Davis, Curtis House	15 Bigelow St	Cambridge	1873	NRDIS; NRMRA;
CAM.1362	Brazier, Abbie House	16 Bigelow St	Cambridge	1874	NRDIS; NRMRA;
CAM.659	Whitely, Hiram House	17 Bigelow St	Cambridge	1873	NRDIS; NRMRA;
CAM.1363	Sawyer - Dole House	18 Bigelow St	Cambridge	1876	NRDIS; NRMRA;
CAM.1357	Oxford, Charles House	19 Bigelow St	Cambridge	1871	NRDIS; NRMRA;
CAM.660	Snow - Twitchell Double House	21-23 Bigelow St	Cambridge	1873	NRDIS; NRMRA;
CAM.665	Hyde, Edward House	22 Bigelow St	Cambridge	1870	NRDIS; NRMRA;
CAM.1348	Robbins Block	24-46 Bigelow St	Cambridge	1871	NRDIS; NRMRA;
CAM.661	Jessop, Joseph House	25 Bigelow St	Cambridge	1872	NRDIS; NRMRA;
CAM.1358	Jessop Tenement House	29 Bigelow St	Cambridge	1891	NRDIS; NRMRA;
CAM.1359	Whitcomb, Peter Double House	31-33 Bigelow St	Cambridge	1872	NRDIS; NRMRA;
CAM.662	Davis, John W. House	35 Bigelow St	Cambridge	1870	NRDIS; NRMRA;
CAM.1406	Volpe Center - Shipping and Receiving	182 Binney St	Cambridge	1965	
CAM.357	Blake and Knowles Machine Shop #2	195 Binney St	Cambridge	1917	NRDIS;
CAM.358	Blake and Knowles Machine Shop #3	199 Binney St	Cambridge	1918	NRDIS;
CAM.356	Blake and Knowles Erecting and Assembling Building	201 Binney St	Cambridge	1903	NRDIS;
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	C 1954	NRDIS; NRMRA; NRDIS; NRMRA; NRDIS;
CAM.1386	Squirrel Brand Company Building	8 Boardman St	Cambridge	1915	
CAM.11	Slowey, Patrick House	73 Bolton St	Cambridge	1852	NRIND; NRMRA;
CAM.1063	Bicycle Exchange Building	3-7 Bow St	Cambridge	1901	NRDIS; NRMRA;
CAM.1064		9 Bow St	Cambridge	1884	NRDIS; NRMRA;
CAM.1065	Farwell - Russell, Thomas Store	12 Bow St	Cambridge	C 1830	NRDIS; NRMRA; LL;
CAM.1066	Westmorly Court - Harvard University	15-29 Bow St	Cambridge	C 1898	NRDIS; NRMRA;
CAM.12	Harvard Lampoon Building	44 Bow St	Cambridge	1909	NRIND; NRDIS; NRMRA;
CAM.1067	Randolph Hall - Harvard University	47-57 Bow St	Cambridge	1897	NRDIS; NRMRA;
CAM.13	Frost, Elizabeth Tenant House	35 Bowdoin St	Cambridge	1812	NRIND; NRMRA;
CAM.926	Anderson, Larz Bridge	Boylston St	Cambridge	1915	NRDIS;
CAM.14	Hicks, John House	64 Boylston St	Cambridge	C 1761	
CAM.918	Longfellow Park	Brattle St	Cambridge	1887	NRDIS; NRMRA; LHD; PR;
CAM.987	Lowell Park	Brattle St	Cambridge		NRIND; NHL; NRDIS; NRMRA; LHD;
CAM.9045	Radcliffe College - Aspect of the Oracle: Portentous	Brattle St	Cambridge	1967	NRDIS; NRMRA; LHD;
CAM.294	Radcliffe College Graduate Center	Brattle St	Cambridge	1955	NRDIS; NRMRA; LHD;
CAM.1068	Brattle Building	4 Brattle St	Cambridge	1913	NRDIS; NRMRA;
CAM.1069	Atrium Building	9-11 Brattle St	Cambridge	1979	NRDIS; NRMRA;
CAM.1071		12-16 Brattle St	Cambridge	1887	NRDIS; NRMRA;
CAM.1070	Estes Block	13-15 Brattle St	Cambridge	1875	NRDIS; NRMRA;
CAM.1072	Dow Block	17-35 Brattle St	Cambridge	C 1936	NRDIS; NRMRA;
CAM.1073		18 Brattle St	Cambridge	1922	NRDIS; NRMRA;
CAM.1074		26 Brattle St	Cambridge	1909	NRDIS; NRMRA;
CAM.1075	Hadley Building	28-36 Brattle St	Cambridge	1974	NRDIS; NRMRA;
CAM.1076	Cambridge Federal Savings Bank	38A Brattle St	Cambridge	1937	NRDIS; NRMRA;
CAM.1077		39-41 Brattle St	Cambridge	1925	NRDIS; NRMRA;
CAM.15	Brattle Hall	40 Brattle St	Cambridge	1889	NRIND; NRMRA; NRDIS; NRMRA;
CAM.1078		40A Brattle St	Cambridge	C 1925	NRDIS; NRMRA;
CAM.16	Brattle, William House	42 Brattle St	Cambridge	C 1727	NRIND; NRDIS; NRMRA; LL; PR;
CAM.1079	Sage Building	43-45 Brattle St	Cambridge	1926	NRDIS; NRMRA;
CAM.1080		44 Brattle St	Cambridge	1970	NRDIS; NRMRA;
CAM.1081		46R Brattle St	Cambridge	1966	NRDIS; NRMRA;

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CAM.1082		47-49 Brattle St	Cambridge	C 1926	NRDIS; NRMRA;
CAM.1083	Design Research Building	48 Brattle St	Cambridge	1969	NRDIS; NRMRA;
CAM.1084	Washington Court	51 Brattle St	Cambridge	1905	NRDIS; NRMRA;
CAM.17	Pratt, Dexter House	54 Brattle St	Cambridge	1808	NRIND; LL; PR;
CAM.1229	Warland, John House	69 Brattle St	Cambridge	1838	NRDIS; NRMRA; LHD;
CAM.1230	Greenleaf, James House	76 Brattle St	Cambridge	1859	NRDIS; NRMRA; LHD;
CAM.1228	Chamberlin, John House	77 Brattle St	Cambridge	1821	NRDIS; NRMRA; LHD;
CAM.18	Radcliffe College Alumnae House	79 Brattle St	Cambridge	1836	NRDIS; NRMRA; LHD;
CAM.19	Wadsworth Chambers	81-83 Brattle St	Cambridge	1908	NRDIS; NRMRA; LHD;
CAM.20	Burleigh House	85 Brattle St	Cambridge	1847	NRDIS; LHD; NRMRA;
CAM.21	Stoughton, Mary Fisk House	90 Brattle St	Cambridge	1882	NRDIS; NRMRA; LHD; NRIND; NHL;
CAM.22		92 Brattle St	Cambridge	1882	NRDIS; NRMRA; LHD;
CAM.23	Vassall, Henry House	94 Brattle St	Cambridge	1635	NRDIS; NRMRA; LHD;
CAM.30	Episcopal Divinity School - Burnham Hall	99 Brattle St	Cambridge	1879	NRDIS; NRMRA; LHD;
CAM.29	Episcopal Divinity School - Lawrence Hall	99 Brattle St	Cambridge	1873	NRDIS; NRMRA; LHD;
CAM.28	Episcopal Divinity School - Reed Hall	99 Brattle St	Cambridge	1873	NRDIS; NRMRA; LHD;
CAM.24	Episcopal Divinity School - Washburn Hall	99 Brattle St	Cambridge	1960	NRDIS; NRMRA; LHD;
CAM.27	Episcopal Divinity School - Wright Hall	99 Brattle St	Cambridge	1911	NRDIS; NRMRA; LHD;
CAM.26	Episcopal Divinity School Library - Sherrill Hall	99 Brattle St	Cambridge	1965	NRDIS; NRMRA; LHD;
CAM.25	Saint John's Chapel	99 Brattle St	Cambridge	1868	NRDIS; NRMRA; LHD;
CAM.31	Hastings, Oliver House	101 Brattle St	Cambridge	1844	NRIND; NHL; NRDIS; NRMRA; LHD;
CAM.32	Longfellow National Historic Site	105 Brattle St	Cambridge	C 1759	NRIND; NHL; NRDIS; NRMRA; LHD;
CAM.33	Dana, Edith Longfellow House	113 Brattle St	Cambridge	1887	NRDIS; NRMRA; LHD;
CAM.34		114 Brattle St	Cambridge	1903	NRDIS; NRMRA; LHD;
CAM.35	Thorp, Annie Longfellow House	115 Brattle St	Cambridge	1887	NRDIS; NRMRA; LHD;
CAM.36	Worcester, Joseph House	121 Brattle St	Cambridge	1843	NRDIS; NRMRA; LHD;
CAM.37		121A Brattle St	Cambridge	1941	NRDIS; NRMRA; LHD;
CAM.38		123 Brattle St	Cambridge		NRDIS; NRMRA; LHD;
CAM.39		124 Brattle St	Cambridge	1915	NRDIS; NRMRA; LHD;
CAM.40		125 Brattle St	Cambridge	1939	NRDIS; NRMRA; LHD;
CAM.41		126 Brattle St	Cambridge	1890	NRDIS; NRMRA; LHD;
CAM.1235		127 Brattle St	Cambridge	1970	NRDIS; NRMRA; LHD;
CAM.42		128 Brattle St	Cambridge	1892	NRDIS; NRMRA; LHD;
CAM.43		130-130R Brattle St	Cambridge	1886	NRDIS; NRMRA; LHD;
CAM.44		132 Brattle St	Cambridge	1886	NRDIS; NRMRA; LHD;
CAM.45	Falxa, Dr. Martin House	133 Brattle St	Cambridge	1970	NRDIS; NRMRA; LHD;
CAM.46		134-136 Brattle St	Cambridge	1857	NRDIS; NRMRA; LHD;
CAM.47		138 Brattle St	Cambridge	1930	NRDIS; NRMRA; LHD;
CAM.48		140 Brattle St	Cambridge	1930	NRDIS; NRMRA; LHD;
CAM.49		142 Brattle St	Cambridge	1915	NRDIS; NRMRA; LHD;
CAM.50	Cambridge Armenian Church	143 Brattle St	Cambridge	1959	NRDIS; NRMRA; LHD;
CAM.51		144 Brattle St	Cambridge	1915	NRDIS; NRMRA; LHD;
CAM.52	Brewster, William House	145 Brattle St	Cambridge	1887	NRDIS; NRMRA; LHD;
CAM.53		146 Brattle St	Cambridge	1939	NRDIS; NRMRA; LHD;
CAM.54		147 Brattle St	Cambridge	1887	NRDIS; NRMRA; LHD;
CAM.55		148 Brattle St	Cambridge	1914	NRDIS; NRMRA; LHD;
CAM.56	Lechmere, Richard House	149 Brattle St	Cambridge	C 1762	NRDIS; NRMRA; LHD;
CAM.57		150 Brattle St	Cambridge	1908	NRDIS; NRMRA; LHD;
CAM.58		152 Brattle St	Cambridge	1887	NRDIS; NRMRA; LHD;
CAM.59	Lee, Thomas House	153 Brattle St	Cambridge	1803	NRDIS; NRMRA; LHD;
CAM.60		154 Brattle St	Cambridge	R 1865	NRDIS; NRMRA; LHD;
CAM.1236		155 Brattle St	Cambridge	1889	NRDIS; NRMRA; LHD;
CAM.61		156 Brattle St	Cambridge	1867	NRDIS; NRMRA; LHD;
CAM.62		158 Brattle St	Cambridge	1884	NRDIS; NRMRA; LHD;
CAM.63	Hooper - Lee - Nichols House	159 Brattle St	Cambridge	C 1685	NRIND; NRDIS; NRMRA; PR; LHD;

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CAM.64		160 Brattle St	Cambridge	1884	NRDIS; NRMRA; LHD;
CAM.65		164 Brattle St	Cambridge	1868	NRDIS; NRMRA; LHD;
CAM.1237	Bartlett, John House	165 Brattle St	Cambridge	1873	NRDIS; NRMRA; LHD;
CAM.66	Van Brunt, Henry House	167 Brattle St	Cambridge	1883	NRDIS; NRMRA; LHD;
CAM.67	Episcopal Divinity School	168 Brattle St	Cambridge	1888	NRDIS; NRMRA; LHD;
CAM.68	Wells, Judge Daniel House	170 Brattle St	Cambridge	1852	NRDIS; NRMRA; LHD;
CAM.69		174 Brattle St	Cambridge	1885	NRDIS; NRMRA; LHD;
CAM.70	Marrett - Ruggles - Fayerweather House	175 Brattle St	Cambridge	R 1765	NRDIS; NRMRA; LHD;
CAM.1238	Fayerweather House Squash Court and Garage	177 Brattle St	Cambridge	1915	NRDIS; NRMRA; LHD;
CAM.71		180 Brattle St	Cambridge	1888	NRDIS; NRMRA; LHD;
CAM.72	Richards, R. A. House	182 Brattle St	Cambridge	1895	NRDIS; NRMRA; LHD;
CAM.73		190 Brattle St	Cambridge	1898	NRDIS; NRMRA; LHD;
CAM.74	Frankfurter, Justice Felix House	192 Brattle St	Cambridge	1907	NRDIS; NRMRA; LHD;
CAM.75		193 Brattle St	Cambridge	1893	NRDIS; NRMRA; LHD;
CAM.76		194 Brattle St	Cambridge	1917	NRDIS; NRMRA; LHD;
CAM.77		195 Brattle St	Cambridge	1896	NRDIS; NRMRA; LHD;
CAM.78		198 Brattle St	Cambridge	1912	NRDIS; NRMRA; LHD;
CAM.79	Stubbins, Hugh House	199 Brattle St	Cambridge	1966	NRDIS; NRMRA; LHD;
CAM.80		200 Brattle St	Cambridge	1901	NRDIS; NRMRA; LHD;
CAM.81		202 Brattle St	Cambridge	1903	NRDIS; NRMRA; LHD;
CAM.82		205 Brattle St	Cambridge	R 1925	NRDIS; NRMRA; LHD;
CAM.83		209 Brattle St	Cambridge	R 1925	NRDIS; NRMRA; LHD;
CAM.84		213-215 Brattle St	Cambridge	1896	NRDIS; NRMRA; LHD;
CAM.85	Frost, Robert House	29-35 Brewster St	Cambridge	1884	NRIND; NRMRA;
CAM.9054	Four Figures - Workers	Broadway	Cambridge	1997	
CAM.9053	Sennot Park Sculpture - Sun Arc	Broadway	Cambridge	1982	
CAM.1402	Volpe Center - Auditorium	33 Broadway	Cambridge	C 1965	
CAM.1409	Close, George Company Building	243 Broadway	Cambridge	1910	NRIND;
CAM.86	Cambridge Public Library	449 Broadway	Cambridge	1888	NRIND; NRMRA; PR;
CAM.9052	Longfellow Monument	449 Broadway	Cambridge	1914	
CAM.9055	Bollards	359 Broadway St	Cambridge	1981	
CAM.515		301 Brookline Ave	Cambridge	1869	NRDIS; NRMRA;
CAM.516		302 Brookline Ave	Cambridge	1887	NRDIS; NRMRA;
CAM.517		308 Brookline Ave	Cambridge	1870	NRDIS; NRMRA;
CAM.623	Southwick Block	11-19 Brookline St	Cambridge	1911	NRDIS; NRMRA; NRDIS;
CAM.88	Brown, Daniel House	7 Brown St	Cambridge	1845	NRDIS; NRMRA; LHD;
CAM.89	Hill, Aaron House	17 Brown St	Cambridge	C 1754	NRIND; NRMRA;
CAM.708		1 Bryant St	Cambridge	1911	NRDIS; NRMRA;
CAM.709		5 Bryant St	Cambridge	1916	NRDIS; NRMRA;
CAM.710		7 Bryant St	Cambridge	1915	NRDIS; NRMRA;
CAM.711		20-24 Bryant St	Cambridge	1916	NRDIS; NRMRA;
CAM.712		21 Bryant St	Cambridge	1932	NRDIS; NRMRA;
CAM.90	Bridgman, Percy House	10 Buckingham Pl	Cambridge	C 1920	NRIND; NHL;
CAM.91	Koch, Carl House	4 Buckingham St	Cambridge	1939	NRDIS; NRMRA;
CAM.92	Higginson, Col. Thomas Wentworth House	29 Buckingham St	Cambridge	1880	NRIND; NRMRA;
CAM.941	Bridge, John Statue	Cambridge Common	Cambridge	1882	NRDIS; LHD; NRDIS; NRMRA;
CAM.942	Memorial Gateway	Cambridge Common	Cambridge	1906	NRDIS; LHD; NRDIS; NRMRA;
CAM.943	Revolutionary War Cannons	Cambridge Common	Cambridge	C 1770	NRDIS; LHD; NRDIS; NRMRA;
CAM.944	Soldiers Monument	Cambridge Common	Cambridge	1869	NRDIS; LHD; NRDIS; NRMRA;
CAM.9050	Irish Famine Monument	Cambridge Common	Cambridge	1997	NRDIS; NRDIS; LHD; NRMRA;
CAM.931	Cambridge Parkway	Cambridge Pkwy	Cambridge	1900	NRDIS;
CAM.906	Cambridge Parkway Bridge over Broad Canal	Cambridge Pkwy	Cambridge	1957	NRDIS;
CAM.9082	Gate House	Cambridge Pkwy	Cambridge	1986	NRDIS;
CAM.9079	Untitled	5 Cambridge Pkwy	Cambridge		NRDIS;
CAM.9080	Untitled at Royal Sonesta Hotel	5 Cambridge Pkwy	Cambridge		

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CAM.9081	Lupus	55 Cambridge Pkwy	Cambridge		NRDIS;
CAM.914	Lechmere Square Streetcar Station	Cambridge St	Cambridge	1922	
CAM.912	Longfellow Bridge - West Boston Bridge	Cambridge St	Cambridge	C 1907	NRDIS;
CAM.97	Memorial Hall	Cambridge St	Cambridge	R 1875	NRIND; NHL;
CAM.380	Middlesex County Clerk of Courts Building	Cambridge St	Cambridge	1889	NRDIS; NRMRA;
CAM.379	Middlesex County Registry of Deeds Building	Cambridge St	Cambridge	1896	NRDIS; NRMRA;
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	NRIND; NRMRA;
CAM.94	Union Railway Car Barn	613-621 Cambridge St	Cambridge	1869	NRIND; NRMRA;
CAM.535		1353-1369 Cambridge St	Cambridge	1894	NRDIS; NRMRA;
CAM.532	Waite Building	1368 Cambridge St	Cambridge	1855	NRDIS; NRMRA;
CAM.533	Middlesex Bank Building	1374-1385 Cambridge St	Cambridge	1874	NRDIS; NRMRA;
CAM.95	Richardson, Royal Double House	1707-1709 Cambridge St	Cambridge	1845	NRIND; NRMRA;
CAM.96	Richardson, Royal Double House	1715-1717 Cambridge St	Cambridge	1845	NRIND; NRMRA;
CAM.9069	Centanni Way Garden Sculptures	Centanni Way	Cambridge	1989	NRDIS; NRMRA;
CAM.635	Holmes Block II - Green Block	2-14 Central Sq	Cambridge	1798	NRDIS; NRMRA; NRDIS;
CAM.636	Home Realty Building	14 Central Sq	Cambridge	1970	NRDIS; NRMRA; NRDIS;
CAM.639	Southwick Building I	15-16 Central Sq	Cambridge	1896	NRDIS; NRMRA; NRDIS;
CAM.640	Southwick Building II	17-24 Central Sq	Cambridge	C 1860	NRDIS; NRMRA; NRDIS;
CAM.641	White Tower Restaurant	25 Central Sq	Cambridge	1932	NRDIS; NRMRA; LL; NRDIS;
CAM.98	Melvin, Isaac House	19 Centre St	Cambridge	1842	NRIND; NRMRA;
CAM.9078		Charles Park	Cambridge	1992	
CAM.99	Boston and Maine Railroad Signal Tower A	Charles River	Cambridge	1931	
CAM.929	Broad Canal	Charles River	Cambridge	1805	NRDIS;
CAM.932	Charles River Basin Granite Seawall and Iron Fence	Charles River	Cambridge		NRDIS;
CAM.920	Charles River Dam	Charles River	Cambridge	R 1905	NRDIS;
CAM.911	Charles River Railroad Draw Bridge #1	Charles River	Cambridge	1931	
CAM.928	Lechmere Canal	Charles River	Cambridge	1909	NRDIS;
CAM.1325	M. I. T. - Pierce, Harold Whitworth Boat House	Charles River	Cambridge	1965	NRDIS;
CAM.1326	M. I. T. - Wood, Walter C. Sailing Pavilion	Charles River	Cambridge	1976	NRDIS;
CAM.1320	Metropolitan District Commission Clorination Plant	Charles River	Cambridge		NRDIS;
CAM.935	Metropolitan District Commission Swimming Pool	Charles River	Cambridge		NRDIS;
CAM.1328	Riverside Boat Club	Charles River	Cambridge	R 1910	NRDIS;
CAM.925	Weeks, John Wingate Foot Bridge	Charles River	Cambridge	1927	NRDIS;
CAM.543	Boardman, James Double House	Cherry St	Cambridge	1843	NRDIS; NRMRA;
CAM.100	Fuller, Margaret House	71 Cherry St	Cambridge	1806	NRIND; NHL; NRDIS; NRMRA;
CAM.9064	Inner City Totem Number 2	71 Cherry St	Cambridge	1982	NRMRA; NRDIS;
CAM.546		87 Cherry St	Cambridge	C 1845	NRDIS; NRMRA;
CAM.545		116-120 Cherry St	Cambridge	C 1845	NRDIS; NRMRA;
CAM.544	Eaton, Jacob House	128 Cherry St	Cambridge	C 1844	NRDIS; NRMRA;
CAM.542		137-139 Cherry St	Cambridge	C 1840	NRDIS; NRMRA;
CAM.537		149-151 Cherry St	Cambridge	C 1830	NRDIS; NRMRA;
CAM.538		159-161 Cherry St	Cambridge	C 1830	NRDIS; NRMRA;
CAM.547		167 Cherry St	Cambridge	1850	NRDIS; NRMRA;
CAM.548		169 Cherry St	Cambridge	1850	NRDIS; NRMRA;
CAM.101	Kingsley, Chester House	10 Chester St	Cambridge	1866	NRIND; NRMRA;
CAM.518		105 Chestnut St	Cambridge	1875	NRDIS; NRMRA;
CAM.519		111 Chestnut St	Cambridge	1875	NRDIS; NRMRA;
CAM.102	First Parish Church, Unitarian	1-3 Church St	Cambridge	1833	NRDIS; LHD; NRDIS; NRMRA;
CAM.103	Christian Scientist Reading Room - London Harness	23-25 Church St	Cambridge	1936	LHD; NRDIS; NRMRA;
CAM.1085	Wagon Works	26-28 Church St	Cambridge	1857	NRDIS; NRMRA; PR;
CAM.104	Young and Yee Restaurant	27-29 Church St	Cambridge	1922	LHD; NRDIS; NRMRA;
CAM.105	Cambridge Police Station	31-33 Church St	Cambridge	1864	LHD; NRDIS; NRMRA;

Inv. No.	Property Name	Street	Town	Year	Designations
CAM.1086	Oxford Grill	32-42 Church St	Cambridge	1931	NRDIS; NRMRA;
CAM.1087	Hancock - Torrey House	53 Church St	Cambridge	1827	NRDIS; NRMRA;
CAM.1088		54-56 Church St	Cambridge	1925	NRDIS; NRMRA;
CAM.1089		59-63 Church St	Cambridge	1949	NRDIS; NRMRA;
CAM.1377	Cambridge Almshouse Caretaker's House	36 Churchill Ave	Cambridge	C 1886	
CAM.106	Gale, George House	14-16 Clinton St	Cambridge	C 1853	NRIND; NRMRA;
CAM.9060	Pole Climbers	Columbia St	Cambridge	1989	
CAM.1387		41-43 Columbia St	Cambridge		
CAM.107	Beth Israel Synagogue	238 Columbia St	Cambridge	1901	NRIND; NRMRA;
CAM.908	Commercial Avenue Bridge over Lechmere Canal	Commercial Ave	Cambridge	1907	NRDIS;
CAM.1318	Metropolitan District Commission Stables	Commercial Ave	Cambridge		NRDIS;
CAM.336		3 Concord Ave	Cambridge	1915	NRDIS; LHD; NRDIS; NRMRA;
CAM.337		5 Concord Ave	Cambridge	C 1917	NRDIS; LHD; NRDIS; NRMRA;
CAM.108	Howells, William Dean House	37 Concord Ave	Cambridge	1873	NRIND; NRMRA;
CAM.1365	Cambridge Home for the Aged and Infirm	650 Concord Ave	Cambridge	1928	NRIND;
CAM.111	Holmes, Joseph House	144 Coolidge Hill	Cambridge	1801	NRIND; NRMRA;
CAM.109	Orne, Sarah House	10 Coolidge Hill Rd	Cambridge	1807	NRIND; NRMRA;
CAM.110	Coolidge, Josiah House	24 Coolidge Hill Rd	Cambridge	C 1822	NRIND; NRMRA;
CAM.600	Coolidge, Flavel House	2 Coolidge Pl	Cambridge	1834	NRDIS; NRMRA; NRDIS;
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	NRIND; NRMRA;
CAM.1212	Mather House - Harvard University	Cowperthwaite St	Cambridge	1967	NRDIS; NRMRA;
CAM.113	Birkhoff, George D. House	22 Craigie St	Cambridge	R 1870	NRIND; NHL; NRDIS; NRMRA; LHD;
CAM.114	Ross, Denman House	24-26 Craigie St	Cambridge	1869	NRDIS; NRMRA; LHD;
CAM.115		25 Craigie St	Cambridge	1856	NRDIS; NRMRA; LHD;
CAM.116	Horsford, Eben House	27 Craigie St	Cambridge	1854	NRDIS; NRMRA; LHD;
CAM.9098	Abstract Faces	110 Cushing St	Cambridge	1984	
CAM.333	Day, Anna House	139 Cushing St	Cambridge	1856	NRIND; NRMRA;
CAM.117	Colburn, Sara Foster House	7 Dana St	Cambridge	1841	NRIND; NRMRA;
CAM.118	University Museum	11-25 Divinity Ave	Cambridge	1859	NRIND; NRMRA;
CAM.119	Divinity Hall	12 Divinity Ave	Cambridge	1825	NRIND; NRMRA;
CAM.120	Biological Laboratory	16 Divinity Ave	Cambridge	1930	NRDOE; NRMRA;
CAM.9038	Harvard University - Animal Frieze	16 Divinity Ave	Cambridge	1931	NRDOE; NRMRA;
CAM.9037	Harvard University - Lane, Katherine Doors	16 Divinity Ave	Cambridge	1934	NRDOE; NRMRA;
CAM.9039	Harvard University - Two Indian Rhinoceroses	16 Divinity Ave	Cambridge	1935	NRDOE; NRMRA;
CAM.9096	Logorithmic Spiral	Dudley St	Cambridge	1981	
CAM.121	Second Cambridge Savings Bank Building	11-21 Dunster St	Cambridge	1897	NRIND; NRMRA; NRDIS; NRMRA;
CAM.1090	Union Railway Carbarn	25-33 Dunster St	Cambridge	1860	NRDIS; NRMRA;
CAM.1091	Second D. U. Club	45 Dunster St	Cambridge	1930	NRDIS; NRMRA;
CAM.1092	Metcalf, Eliab Wight House	46 Dunster St	Cambridge	1820	NRDIS; NRMRA;
CAM.1093	Edwards, Abraham - Moore, Mary House	53 Dunster St	Cambridge	1841	NRDIS; NRMRA;
CAM.1094	Alpha Sigma Phi Club	54 Dunster St	Cambridge	1900	NRDIS; NRMRA;
CAM.122	Wyeth, Augustus House	69 Dunster St	Cambridge	1829	NRDIS; NRMRA;
CAM.1095		71-77 Dunster St	Cambridge	1894	NRDIS; NRMRA;
CAM.123		42 Edward J. Lopez Ave	Cambridge	C 1830	NRIND; NRMRA;
CAM.1096	Hotel Packard	10-14 Eliot St	Cambridge	1869	NRDIS; NRMRA;
CAM.1097		14A Eliot St	Cambridge	1900	NRDIS; NRMRA;
CAM.1098		16-18 Eliot St	Cambridge	1898	NRDIS; NRMRA;
CAM.1410	Fuller, Margaret House	8 Ellery St	Cambridge	1841	
CAM.124	Sands, Ivory House	145 Elm St	Cambridge	1839	NRIND; NRMRA;
CAM.125	Foster, Dr. House	8 Elmwood Ave	Cambridge	1893	NRDIS; NRMRA; LHD;
CAM.126	Greenough, J. J. House	9 Elmwood Ave	Cambridge	1903	NRDIS; NRMRA; LHD;
CAM.127	Smyth, Herbert House	11-15 Elmwood Ave	Cambridge	1903	NRDIS; NRMRA; LHD;
CAM.128	Kempton, John House	14 Elmwood Ave	Cambridge	1895	NRDIS; NRMRA; LHD;
CAM.129		20 Elmwood Ave	Cambridge	1892	NRDIS; NRMRA; LHD;

Inv. No.	Property Name	Street	Town	Year	Designations
CAM.130	Benson, Ruth House	26 Elmwood Ave	Cambridge	1899	NRDIS; NRMRA; LHD;
CAM.131	Watson House	30 Elmwood Ave	Cambridge	C 1750	NRDIS; NRMRA; LHD;
CAM.132	Elmwood - Lowell, James Russell House	33 Elmwood Ave	Cambridge	C 1767	NRIND; NHL; NRDIS; NRMRA; LHD;
CAM.133	Reardon, Edmund House	195 Erie St	Cambridge	1884	NRIND; NRMRA;
CAM.1371	Blessed Sacrament Roman Catholic Church Convent	203 Erie St	Cambridge	1954	
CAM.134	Harvard Graduate Center	10-26 Everett St	Cambridge	1949	NRDOE; NRMRA;
CAM.135	Jarvis, The	27 Everett St	Cambridge	1890	NRIND; NRMRA;
CAM.136	Newman, Andrew House	23 Fairmont St	Cambridge	1823	NRIND; NRMRA;
CAM.713		2-4 Farrar St	Cambridge	1927	NRDIS; NRMRA;
CAM.714		9 Farrar St	Cambridge	1890	NRDIS; NRMRA;
CAM.715		15 Farrar St	Cambridge	1898	NRDIS; NRMRA;
CAM.716		16 Farrar St	Cambridge	1931	NRDIS; NRMRA;
CAM.717		17 Farrar St	Cambridge	1897	NRDIS; NRMRA;
CAM.718		18-20 Farrar St	Cambridge	1923	NRDIS; NRMRA;
CAM.719		22 Farrar St	Cambridge	1928	NRDIS; NRMRA;
CAM.720		26 Farrar St	Cambridge	1928	NRDIS; NRMRA;
CAM.137		10-12 Farwell Pl	Cambridge	R 1870	LHD; NRDIS; NRMRA;
CAM.138	Nichols House	11 Farwell Pl	Cambridge	1827	LHD; NRDIS; NRMRA;
CAM.139		14-16 Farwell Pl	Cambridge	C 1855	LHD; NRDIS; NRMRA;
CAM.140	Read, James House	15 Farwell Pl	Cambridge	C 1772	LHD; NRDIS; NRMRA;
CAM.141	Child, N. K. House	17 Farwell Pl	Cambridge	1835	LHD; NRDIS; NRMRA;
CAM.142		18-20 Farwell Pl	Cambridge	C 1855	LHD; NRDIS; NRMRA;
CAM.143	Christ Church Parish House	19 Farwell Pl	Cambridge	1948	LHD; NRDIS; NRMRA;
CAM.144	Toppan House	22-24 Farwell Pl	Cambridge	C 1900	LHD; NRDIS; NRMRA;
CAM.1408	Carey, Agnes Whiteside House	50 Fayerweather St	Cambridge		PR;
CAM.145	Deane, Ezra - Williams, George House	21-23 Fayette St	Cambridge	1848	NRMRA; NRIND;
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.1405	Volpe Center - Center Service Building	259 Fifth St	Cambridge	C 1965	
CAM.907	First Street Bridge over Broad Canal	First St	Cambridge	1924	NRDIS;
CAM.9075	Flag Fragments	First St	Cambridge	1987	
CAM.9076	Thalassa	First St	Cambridge	1986	
CAM.147	Athenaeum Press Building	215 First St	Cambridge	1895	NRDOE; NRIND; NRMRA;
CAM.910	Fitchburg Railroad Signal Bridge	Fitchburg Railroad	Cambridge	C 1930	
CAM.9077	Athena	215 Flint St	Cambridge	1988	
CAM.148	Abbot, Edwin House	1 Follen St	Cambridge	1889	NRIND; NRDIS; NRMRA; LHD;
CAM.1271		5 Follen St	Cambridge	1853	NRDIS; NRMRA; LHD;
CAM.1273		6 Follen St	Cambridge	1868	NRDIS; NRMRA; LHD;
CAM.1338		8 Follen St	Cambridge	1871	NRDIS; NRMRA; LHD;
CAM.149	Second Waterhouse House	9 Follen St	Cambridge	1844	NRIND; NRMRA; NRDIS; NRMRA; LHD;
CAM.150	Mackay, Frances M. House	10 Follen St	Cambridge	1875	NRIND; NRMRA; NRDIS; NRMRA; LHD;
CAM.1274		13 Follen St	Cambridge	1900	NRDIS; NRMRA; LHD;
CAM.151	Richards, Theodore W. House	15 Follen St	Cambridge	1900	NHL; NRIND; NRDIS; NRMRA; LHD;
CAM.1275		19 Follen St	Cambridge	1844	NRDIS; NRMRA; LHD;
CAM.1276		20 Follen St	Cambridge	1949	NRDIS; NRMRA; LHD;
CAM.1277		21 Follen St	Cambridge	1841	NRDIS; NRMRA; LHD;
CAM.1278		22 Follen St	Cambridge	1951	NRDIS; NRMRA; LHD;
CAM.1279		25 Follen St	Cambridge	1889	NRDIS; NRMRA; LHD;
CAM.152	Clover Den - Mann, Mary House	29 Follen St	Cambridge	1837	NRIND; NRMRA; NRDIS; NRMRA; LHD;
CAM.1280		34 Follen St	Cambridge	1946	NRDIS; NRMRA; LHD;
CAM.1281		36 Follen St	Cambridge	1847	NRDIS; NRMRA; LHD;

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CAM.1282		44 Follen St	Cambridge	1862	NRDIS; NRMRA; LHD;
CAM.338	Puritan Arms	46-50 Follen St	Cambridge	1940	NRDIS; LHD; NRDIS; NRMRA;
CAM.1331	Homer - Lovell House	11 Forest St	Cambridge	1867	NRIND; NRMRA;
CAM.153	Francis, Ebenezer Houuse	1 Francis Ave	Cambridge	1836	NRDIS; NRMRA;
CAM.721		6 Francis Ave	Cambridge	1940	NRDIS; NRMRA;
CAM.722		7 Francis Ave	Cambridge	1894	NRDIS; NRMRA;
CAM.723		8 Francis Ave	Cambridge	1940	NRDIS; NRMRA;
CAM.724		9 Francis Ave	Cambridge	C 1875	NRDIS; NRMRA;
CAM.725		10 Francis Ave	Cambridge	1894	NRDIS; NRMRA;
CAM.726		11 Francis Ave	Cambridge	1894	NRDIS; NRMRA;
CAM.1337		12-14 Francis Ave	Cambridge	1895	NRDIS; NRMRA;
CAM.727		16 Francis Ave	Cambridge	1906	NRDIS; NRMRA;
CAM.154	Davis, William Morris House	17 Francis Ave	Cambridge	R 1895	NHL; NRIND; NRDIS; NRMRA;
CAM.728		18 Francis Ave	Cambridge	1911	NRDIS; NRMRA;
CAM.155	Hyatt, Prof. Alpheus - Durant, Prof. Will B. House	19 Francis Ave	Cambridge	1889	NRDIS; NRMRA;
CAM.729		21 Francis Ave	Cambridge	1925	NRDIS; NRMRA;
CAM.730		22 Francis Ave	Cambridge	1912	NRDIS; NRMRA;
CAM.731		23 Francis Ave	Cambridge	1902	NRDIS; NRMRA;
CAM.732		24 Francis Ave	Cambridge	1906	NRDIS; NRMRA;
CAM.733		30 Francis Ave	Cambridge	1905	NRDIS; NRMRA;
CAM.734		32 Francis Ave	Cambridge	1903	NRDIS; NRMRA;
CAM.735	Center for the Study of World Religions	42 Francis Ave	Cambridge	1959	NRDIS; NRMRA;
CAM.736		44 Francis Ave	Cambridge	1913	NRDIS; NRMRA;
CAM.737		53 Francis Ave	Cambridge	1913	NRDIS; NRMRA;
CAM.738		56 Francis Ave	Cambridge	1914	NRDIS; NRMRA;
CAM.739		57 Francis Ave	Cambridge	1913	NRDIS; NRMRA;
CAM.740		59 Francis Ave	Cambridge	1916	NRDIS; NRMRA;
CAM.741		60 Francis Ave	Cambridge	1961	NRDIS; NRMRA;
CAM.742		63 Francis Ave	Cambridge	1913	NRDIS; NRMRA;
CAM.743	Sert, Jose Luis House	64 Francis Ave	Cambridge	1957	NRDIS; NRMRA;
CAM.744		65 Francis Ave	Cambridge	1916	NRDIS; NRMRA;
CAM.745		67 Francis Ave	Cambridge	1926	NRDIS; NRMRA;
CAM.746		68 Francis Ave	Cambridge	1921	NRDIS; NRMRA;
CAM.747		70 Francis Ave	Cambridge	1879	NRDIS; NRMRA;
CAM.748		73 Francis Ave	Cambridge	1926	NRDIS; NRMRA;
CAM.749		75-77 Francis Ave	Cambridge	1925	NRDIS; NRMRA;
CAM.1329	Kennedy, F. A. Steam Bakery	129 Franklin St	Cambridge	1875	NRIND; NRMRA;
CAM.919	Fresh Pond Lane over B & M Railroad	Fresh Pond Ln	Cambridge	1926	
CAM.9014	Fresh Pond Parkway	Fresh Pond Pkwy	Cambridge	1899	NRDIS; NRMPS;
CAM.9015	Fresh Pond Parkway - Concord Avenue Rotary Islands	Fresh Pond Pkwy	Cambridge	1928	NRDIS; NRMPS;
CAM.9016	Fresh Pond Parkway - New Street Rotary	Fresh Pond Pkwy	Cambridge	1928	NRDIS; NRMPS;
CAM.9018	Fresh Pond Parkway Median System	Fresh Pond Pkwy	Cambridge	C 1958	NRDIS; NRMPS;
CAM.9017	Fresh Pond Parkway Tree Canopy	Fresh Pond Pkwy	Cambridge	R 1920	NRDIS; NRMPS;
CAM.156	Wyeth - Eliot, Charles House	17 Fresh Pond Pkwy	Cambridge	1838	NRDIS; NRMRA; LHD;
CAM.157	Frost, Walter House	10 Frost St	Cambridge	1807	NRIND; NRMRA; LL;
CAM.940	Milestone, 1767	Garden St	Cambridge	1734	NRIND; NRDIS; LHD; NRDIS; NRMRA;
CAM.800	Old Burying Ground	Garden St	Cambridge	R 1750	NRDIS; LHD; NRDIS; NRMRA;
CAM.9051	The Hiker	Garden St	Cambridge	1947	LHD;
CAM.158	Christ Church	0 Garden St	Cambridge	1760	NHL; NRIND; NRDIS; LHD; NRDIS; NRMRA;
CAM.159	Saunders, William House	1 Garden St	Cambridge	1821	NHL; NRIND; NRDIS; LHD; NRDIS; NRMRA;
CAM.339	Episcopal Chaplaincy at Harvard	2 Garden St	Cambridge	1835	NRDIS; LHD; NRDIS; NRMRA;
CAM.340	Howe, Sarah House	3 Garden St	Cambridge	1851	NRDIS; LHD; NRDIS; NRMRA;
CAM.160	First Church in Cambridge Congregational	11 Garden St	Cambridge	1870	NRDIS; NRDIS; LHD; NRMRA;
CAM.341		17-19 Garden St	Cambridge	1926	LHD; NRDIS; NRMRA;
CAM.161	Sears Tower - Harvard Observatory	60 Garden St	Cambridge	1843	NRIND; NRMRA;

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CAM.162	Warner House	63 Garden St	Cambridge	1855	
CAM.163	Gray, Asa House	88 Garden St	Cambridge	1810	NRIND; NHL; PR;
CAM.1240		91 Garden St	Cambridge	1922	NRDIS; NRMRA;
CAM.164	Taylor Square Firehouse	113 Garden St	Cambridge	1904	NRIND; NRMRA;
CAM.165	Warren, H. Langford House	6 Garden Ter	Cambridge	1904	NRIND; NRMRA;
CAM.671	Rollins, John House	16 Garfield St	Cambridge	1891	NRDIS; NRMRA;
CAM.672	Wood, Edward House	18 Garfield St	Cambridge	1886	NRDIS; NRMRA;
CAM.1336	Shepherd, Herbert House	31-33 Garfield St	Cambridge	1886	NRDIS; NRMRA;
CAM.673	Farquhar, Robert House	34 Garfield St	Cambridge	1890	NRDIS; NRMRA;
CAM.674	Coon, Sarah House	36 Garfield St	Cambridge	1887	NRDIS; NRMRA;
CAM.666	Shepherd, Edward House	39 Garfield St	Cambridge	1885	NRDIS; NRMRA;
CAM.675	Thayer, Bertha House	44 Garfield St	Cambridge	1888	NRDIS; NRMRA;
CAM.667	Estabrook, J. W. House	45 Garfield St	Cambridge	1886	NRDIS; NRMRA;
CAM.668	Bartlett, A. S. House	49 Garfield St	Cambridge	1888	NRDIS; NRMRA;
CAM.676	Green, Roscoe House	54 Garfield St	Cambridge	1890	NRDIS; NRMRA;
CAM.669	Dewey House	55 Garfield St	Cambridge	1889	NRDIS; NRMRA;
CAM.677	Worcester, George House	58 Garfield St	Cambridge	1890	NRDIS; NRMRA;
CAM.678	Allen, Frank House	64 Garfield St	Cambridge	1891	NRDIS; NRMRA;
CAM.670	Sullivan, Cornelius House	67 Garfield St	Cambridge	1889	NRDIS; NRMRA;
CAM.679	Farnsworth, Charles House	74 Garfield St	Cambridge	1897	NRDIS; NRMRA;
CAM.680	Ball, Elijah House	80 Garfield St	Cambridge	1887	NRDIS; NRMRA;
CAM.502	Lechmere Point Corporation Row House	47 Gore St	Cambridge	C 1821	NRDIS; NRMRA;
CAM.503	Lechmere Point Corporation Row House	49 Gore St	Cambridge	C 1821	NRDIS; NRMRA;
CAM.504	Lechmere Point Corporation Row House	51 Gore St	Cambridge	C 1821	NRDIS; NRMRA;
CAM.1407	Carr, M. W. and Company Factory - Building #4	63 Gorham St	Cambridge	R 1920	
CAM.1241		1 Gray Gardens East	Cambridge	1925	NRDIS; NRMRA;
CAM.1242		2 Gray Gardens East	Cambridge	1930	NRDIS; NRMRA;
CAM.1243		3 Gray Gardens East	Cambridge	1923	NRDIS; NRMRA;
CAM.1244		8 Gray Gardens East	Cambridge	1923	NRDIS; NRMRA;
CAM.1245		9 Gray Gardens East	Cambridge	1922	NRDIS; NRMRA;
CAM.1246		11 Gray Gardens East	Cambridge	1924	NRDIS; NRMRA;
CAM.1247		12 Gray Gardens East	Cambridge	1922	NRDIS; NRMRA;
CAM.1248		13 Gray Gardens East	Cambridge	1925	NRDIS; NRMRA;
CAM.1249		16 Gray Gardens East	Cambridge	1922	NRDIS; NRMRA;
CAM.1250		17 Gray Gardens East	Cambridge	1958	NRDIS; NRMRA;
CAM.1251		19 Gray Gardens East	Cambridge	1927	NRDIS; NRMRA;
CAM.1252		22 Gray Gardens East	Cambridge	1962	NRDIS; NRMRA;
CAM.1253		25 Gray Gardens East	Cambridge	1926	NRDIS; NRMRA;
CAM.1254		26 Gray Gardens East	Cambridge	1922	NRDIS; NRMRA;
CAM.1255		27 Gray Gardens East	Cambridge	1923	NRDIS; NRMRA;
CAM.1256		30 Gray Gardens East	Cambridge	1928	NRDIS; NRMRA;
CAM.1257		31 Gray Gardens East	Cambridge	1924	NRDIS; NRMRA;
CAM.1258		37 Gray Gardens East	Cambridge	1923	NRDIS; NRMRA;
CAM.1259		3 Gray Gardens West	Cambridge	1923	NRDIS; NRMRA;
CAM.1260		4 Gray Gardens West	Cambridge	1922	NRDIS; NRMRA;
CAM.1261		11 Gray Gardens West	Cambridge	1923	NRDIS; NRMRA;
CAM.1262		14 Gray Gardens West	Cambridge	1924	NRDIS; NRMRA;
CAM.1263		15 Gray Gardens West	Cambridge	1929	NRDIS; NRMRA;
CAM.1264		16 Gray Gardens West	Cambridge	1925	NRDIS; NRMRA;
CAM.167	Hall Tavern	20 Gray Gardens West	Cambridge	R 1800	NRIND; NRMRA; NRDIS; NRMRA;
CAM.1265		24 Gray Gardens West	Cambridge	1928	NRDIS; NRMRA;
CAM.166	Frost, David House	26 Gray St	Cambridge	1815	NRIND; NRMRA;
CAM.618		133 Green St	Cambridge	C 1894	NRDIS; NRMRA; NRDIS;
CAM.624	Raymond, T. H. Warehouse	175 Green St	Cambridge	1908	NRDIS; NRMRA; NRDIS;
CAM.1389		205-207 Green St	Cambridge		

Inv. No.	Property Name	Street	Town	Year	Designations
CAM.534	Inman Square Fire Station	Hampshire St	Cambridge	1912	NRDIS; NRMRA;
CAM.9065	Velluchi, Alfred Monument	Hampshire St	Cambridge	1995	
CAM.9066	Dante Alighieri	41 Hampshire St	Cambridge	1997	
CAM.168	Lamson, Rufus House	72-74 Hampshire St	Cambridge	1854	NRIND; NRMRA;
CAM.1367	Massachusetts Avenue Baptist Church	146 Hampshire St	Cambridge	1902	PR;
CAM.169	Opposition House	2-4 Hancock Pl	Cambridge	1807	NRIND; NRMRA;
CAM.170	Livermore, Isaac House	104-106 Hancock St	Cambridge	1839	NRIND; NRMRA;
CAM.171	Atwood, Ephraim House	110 Hancock St	Cambridge	1839	NRIND; NRMRA;
CAM.536	Fay, Samuel P. P. House	172 Harvard St	Cambridge	1805	NRDIS; NRMRA;
CAM.549	Allen Block	177-183 Harvard St	Cambridge	R 1875	NRDIS; NRMRA;
CAM.1354	Courtney, Benjamin House	273 Harvard St	Cambridge	1867	
CAM.172	Jones, William R. House	307 Harvard St	Cambridge	1865	NRIND; NRMRA;
CAM.173	Vinal, Albert House	325 Harvard St	Cambridge	1853	NRIND; NRMRA;
CAM.681	Melledge, James P. House	335 Harvard St	Cambridge	1850	NRDIS; NRMRA;
CAM.684	Warner, Caleb House	336 Harvard St	Cambridge	1858	NRDIS; NRMRA;
CAM.682		337 Harvard St	Cambridge	1887	NRDIS; NRMRA;
CAM.685	Frothingham, Amos House	338 Harvard St	Cambridge	1859	NRDIS; NRMRA;
CAM.686	Goepper, William House	340 Harvard St	Cambridge	1897	NRDIS; NRMRA;
CAM.683		341-343 Harvard St	Cambridge	1855	NRDIS; NRMRA;
CAM.687	Rindge, Samuel Baker House	342-344 Harvard St	Cambridge	1857	NRDIS; NRMRA;
CAM.174	Bradbury, William F. House	369 Harvard St	Cambridge	1877	NRIND; NRMRA;
CAM.175	Hapgood, Richard House	382-392 Harvard St	Cambridge	1889	NRIND; NRMRA;
CAM.176	Ware Hall	383 Harvard St	Cambridge	1893	NRIND; NRMRA;
CAM.1099	Delta Upsilon Club	396 Harvard St	Cambridge	1914	NRDIS; NRMRA;
CAM.177	Old Cambridge Baptist Church	398 Harvard St	Cambridge	1867	NRIND; NRMRA; NRDIS; NRMRA; PR;
CAM.193	Austin Hall	Harvard University	Cambridge	1881	NRIND; LHD;
CAM.185	Boylston Hall - Harvard University	Harvard Yard	Cambridge	1857	NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.1221	Brooks, Phillips House - Harvard Univsersity	Harvard Yard	Cambridge	1898	NRDIS; NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.187	Grays Hall - Harvard University	Harvard Yard	Cambridge	1862	NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.181	Harvard Hall - Harvard University	Harvard Yard	Cambridge	1764	NRDIS; NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.953	Harvard University - 1857 Gate	Harvard Yard	Cambridge	1901	NRDOE; LHD; NRDIS; NRMRA;
CAM.954	Harvard University - 1870 Gate	Harvard Yard	Cambridge	1901	NRDOE; LHD; NRDIS; NRMRA;
CAM.984	Harvard University - 1870 Sundial	Harvard Yard	Cambridge	1901	NRDOE; LHD; NRDIS; NRMRA;
CAM.955	Harvard University - 1873 Tablet	Harvard Yard	Cambridge	1901	NRDOE; LHD; NRDIS; NRMRA;
CAM.956	Harvard University - 1874 Gate	Harvard Yard	Cambridge	1901	NRDOE; LHD; NRDIS; NRMRA;
CAM.957	Harvard University - 1875 Gate	Harvard Yard	Cambridge	1901	NRDOE; LHD; NRDIS; NRMRA;
CAM.974	Harvard University - 1876 Gate	Harvard Yard	Cambridge	1901	NRDOE; LHD; NRDIS; NRMRA;
CAM.985	Harvard University - 1877 Gate	Harvard Yard	Cambridge	1901	NRDOE; LHD; NRDIS; NRMRA;
CAM.979	Harvard University - 1879 Gate	Harvard Yard	Cambridge	1891	NRDOE; LHD; NRDIS; NRMRA;
CAM.965	Harvard University - 1880 Gate	Harvard Yard	Cambridge	1902	NRDOE; LHD; NRDIS; NRMRA;
CAM.958	Harvard University - 1881 Gate	Harvard Yard	Cambridge	1906	NRDOE; LHD; NRDIS; NRMRA;
CAM.959	Harvard University - 1885 Gate	Harvard Yard	Cambridge	1904	NRDOE; LHD; NRDIS; NRMRA;
CAM.960	Harvard University - 1886 Gate	Harvard Yard	Cambridge	1901	NRDOE; LHD; NRDIS; NRMRA;
CAM.961	Harvard University - 1887 Gate	Harvard Yard	Cambridge	1906	NRDOE; LHD; NRDIS; NRMRA;
CAM.962	Harvard University - 1888 Gate	Harvard Yard	Cambridge	1906	NRDOE; LHD; NRDIS; NRMRA;
CAM.963	Harvard University - 1889 Gate	Harvard Yard	Cambridge	1901	NRDOE; LHD; NRDIS; NRMRA;
CAM.964	Harvard University - 1890 Gate	Harvard Yard	Cambridge	1901	NRDOE; LHD; NRDIS; NRMRA;
CAM.970	Harvard University - 1908 Gate	Harvard Yard	Cambridge	1936	NRDOE; LHD; NRDIS; NRMRA;
CAM.966	Harvard University - Bradley Fountain	Harvard Yard	Cambridge	1910	NRDOE; LHD; NRDIS; NRMRA;
CAM.1214	Harvard University - Canaday Hall	Harvard Yard	Cambridge	1973	NRDOE; LHD; NRDIS; NRMRA;
CAM.967	Harvard University - Chinese Steele	Harvard Yard	Cambridge	R 1810	NRDOE; LHD; NRDIS; NRMRA;
CAM.968	Harvard University - Delivery Gate	Harvard Yard	Cambridge	1948	NRDOE; LHD; NRDIS; NRMRA;
CAM.969	Harvard University - Driveway Gate	Harvard Yard	Cambridge	1948	NRDOE; LHD; NRDIS; NRMRA;
CAM.971	Harvard University - Emerson Gate	Harvard Yard	Cambridge	1936	NRDOE; LHD; NRDIS; NRMRA;
CAM.1215	Harvard University - Emerson Hall	Harvard Yard	Cambridge	1904	NRDOE; LHD; NRDIS; NRMRA;

Inv. No.	Property Name	Street	Town	Year	Designations
CAM.972	Harvard University - Fire Station Gate	Harvard Yard	Cambridge	1970	NRDOE; LHD; NRDIS; NRMRA;
CAM.978	Harvard University - Gatehouse	Harvard Yard	Cambridge	1983	NRDOE; LHD; NRDIS; NRMRA;
CAM.975	Harvard University - Harvard, John Statue	Harvard Yard	Cambridge	1884	NRDIS; NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.973	Harvard University - Hollis Pump	Harvard Yard	Cambridge	1936	NRDOE; LHD; NRDIS; NRMRA;
CAM.1216	Harvard University - Houghton Library	Harvard Yard	Cambridge	1941	NRDOE; LHD; NRDIS; NRMRA;
CAM.976	Harvard University - Johnston Gate	Harvard Yard	Cambridge	1889	NRDIS; NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.977	Harvard University - Lamont Gate	Harvard Yard	Cambridge	1948	NRDOE; LHD; NRDIS; NRMRA;
CAM.1217	Harvard University - Lamont Library	Harvard Yard	Cambridge	1947	NRDOE; LHD; NRDIS; NRMRA;
CAM.1218	Harvard University - Lionel Hall	Harvard Yard	Cambridge	1924	NRDIS; NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.1219	Harvard University - Memorial Church	Harvard Yard	Cambridge	1931	NRDOE; LHD; NRDIS; NRMRA;
CAM.1220	Harvard University - Mower Hall	Harvard Yard	Cambridge	1924	NRDIS; NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.981	Harvard University - Porcellian Gate	Harvard Yard	Cambridge	1901	NRDOE; LHD; NRDIS; NRMRA;
CAM.1222	Harvard University - Pusey Library	Harvard Yard	Cambridge	1973	NRDOE; LHD; NRDIS; NRMRA;
CAM.982	Harvard University - Reclining Figure	Harvard Yard	Cambridge	1972	NRDOE; LHD; NRDIS; NRMRA;
CAM.983	Harvard University - Robinson Gate	Harvard Yard	Cambridge	1936	NRDOE; LHD; NRDIS; NRMRA;
CAM.1223	Harvard University - Robinson Hall	Harvard Yard	Cambridge	1900	NRDOE; LHD; NRDIS; NRMRA;
CAM.9036	Harvard University - Robinson Hall Doors	Harvard Yard	Cambridge		NRDOE; NRDIS; LHD;
CAM.1224	Harvard University - Stoughton Hall	Harvard Yard	Cambridge	1804	NRDIS; NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.980	Harvard University - The Onion	Harvard Yard	Cambridge	1965	NRDOE; LHD; NRDIS; NRMRA;
CAM.1227	Harvard University - Widener Library	Harvard Yard	Cambridge	1913	NRDOE; LHD; NRDIS; NRMRA;
CAM.178	Holden Chapel - Harvard University	Harvard Yard	Cambridge	1764	NRDIS; NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.182	Hollis Hall - Harvard University	Harvard Yard	Cambridge	1762	NRDIS; NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.186	Holworthy Hall - Harvard University	Harvard Yard	Cambridge	1811	NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.188	Lehman Hall - Harvard University	Harvard Yard	Cambridge	1924	NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.183	Massachusetts Hall	Harvard Yard	Cambridge	1718	NRIND; NHL; NRDIS; NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.189	Matthews House - Harvard University	Harvard Yard	Cambridge	1871	NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.179	Sever Hall	Harvard Yard	Cambridge	1880	NRIND; NHL; NRDOE; LHD; NRDIS; NRMRA;
CAM.190	Straus Hall - Harvard University	Harvard Yard	Cambridge	1926	NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.191	Thayer Hall - Harvard University	Harvard Yard	Cambridge	1869	NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.180	University Hall	Harvard Yard	Cambridge	1812	NHL; NRIND; NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.184	Weld Hall - Harvard University	Harvard Yard	Cambridge	1870	NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.192	Wigglesworth Hall - Harvard University	Harvard Yard	Cambridge	1930	NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.520		6 Hastings Sq	Cambridge	1884	NRDIS; NRMRA;
CAM.1231	Bates, Jacob H. House	11 Hawthorn St	Cambridge	1813	NRDIS; NRMRA; LHD;
CAM.194	Daly, Reginald A. House	23 Hawthorn St	Cambridge	C 1885	NHL; NRIND; NRDIS; NRMRA; LHD;
CAM.195	Wadsworth House	31 Hawthorn St	Cambridge	R 1935	NRDIS; NRMRA; LHD;
CAM.196		35 Hawthorn St	Cambridge	R 1935	NRDIS; NRMRA; LHD;
CAM.197	Glaser, Dorothy Merriless House	37 Hawthorn St	Cambridge	1937	NRDIS; NRMRA; LHD;
CAM.198		41 Hawthorn St	Cambridge	1911	NRDIS; NRMRA; LHD;
CAM.199	Maynardier, G. B. House	43 Hawthorn St	Cambridge	1900	NRDIS; NRMRA; LHD;
CAM.1232		49 Hawthorn St	Cambridge	1900	NRDIS; NRMRA; LHD;
CAM.521		75 Henry St	Cambridge	1892	NRDIS; NRMRA;
CAM.1343		82-84 Henry St	Cambridge		NRDIS; NRMRA;
CAM.200	Noyes, J. A. House	1 Highland St	Cambridge	1894	NRIND; NRMRA;
CAM.796	Usher, Samuel House	11 Hillside Ave	Cambridge	1887	NRDIS; NRMRA;
CAM.750		11 Holden St	Cambridge	1928	NRDIS; NRMRA;
CAM.751		41 Holden St	Cambridge	1840	NRDIS; NRMRA;
CAM.752		45 Holden St	Cambridge	1928	NRDIS; NRMRA;
CAM.1383	Chadwick, Samuel E. House	10 Hollis St	Cambridge	1853	PR;
CAM.1100	Alpha Delta Phi Club - Fly Club	2 Holyoke Pl	Cambridge	1896	NRDIS; NRMRA; PR;
CAM.1101		9 Holyoke Pl	Cambridge	C 1930	NRDIS; NRMRA;
CAM.1197	Harvard University - Lowell House	10 Holyoke Pl	Cambridge	1929	NRDIS; NRMRA;
CAM.1198	Indoor Athletic Building - Harvard University	35-41 Holyoke Pl	Cambridge	1929	NRDIS; NRMRA;
CAM.1102		8-10 Holyoke St	Cambridge	1927	NRDIS; NRMRA;
CAM.201	Hasty Pudding Club	12 Holyoke St	Cambridge	1887	NRIND; NRDIS; NRMRA;

Inv. No.	Property Name	Street	Town	Year	Designations
CAM.1103	Apley Court	16 Holyoke St	Cambridge	1897	NRDIS; NRMRA;
CAM.1104	Sawyer, Samuel F. House	20 Holyoke St	Cambridge	1818	NRDIS; NRMRA;
CAM.1105		22 Holyoke St	Cambridge	1956	NRDIS; NRMRA;
CAM.1106		24 Holyoke St	Cambridge	1963	NRDIS; NRMRA;
CAM.1107	Owl Club	30 Holyoke St	Cambridge	1905	NRDIS; NRMRA;
CAM.1302		2 Hubbard Park	Cambridge	1909	NRDIS; NRMRA;
CAM.1293		3 Hubbard Park	Cambridge	1887	NRDIS; NRMRA;
CAM.1306	Warren, John L. House	5 Hubbard Park	Cambridge	1922	NRDIS; NRMRA;
CAM.1305	Paine, George House	6 Hubbard Park	Cambridge	C 1918	NRDIS; NRMRA;
CAM.1295		8 Hubbard Park	Cambridge	1888	NRDIS; NRMRA;
CAM.1301	Nutting, Lillian House	12 Hubbard Park	Cambridge	1908	NRDIS; NRMRA;
CAM.1297		14 Hubbard Park	Cambridge	1892	NRDIS; NRMRA;
CAM.1304		15 Hubbard Park	Cambridge	1914	NRDIS; NRMRA;
CAM.1303	Beach, Revel W. House	19 Hubbard Park	Cambridge	1913	NRDIS; NRMRA;
CAM.1298		20 Hubbard Park	Cambridge	1892	NRDIS; NRMRA;
CAM.1299		26 Hubbard Park	Cambridge	1894	NRDIS; NRMRA;
CAM.1296		32 Hubbard Park	Cambridge	1890	NRDIS; NRMRA;
CAM.1346		15 Humboldt St	Cambridge		NRDIS; NRMRA;
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	NRDIS; NRMRA; NRDIS; NRMRA; NRDIS;
CAM.576	Matthews Apartments	12 Inman St	Cambridge	1966	NRDIS; NRMRA; NRDIS;
CAM.1364	Bennett, James House	17 Inman St	Cambridge	1871	NRDIS; NRMRA;
CAM.1349	Luke Rowhouse	19 Inman St	Cambridge	1877	NRDIS; NRMRA;
CAM.1350	Luke Rowhouse	21 Inman St	Cambridge	1877	NRDIS; NRMRA;
CAM.1351	Luke Rowhouse	21 1/2 Inman St	Cambridge	1877	NRDIS; NRMRA;
CAM.203	Russell, J. D. Double House	102-104 Inman St	Cambridge	1845	NRIND; NRMRA;
CAM.204	Russell, J. D. Double House	106-108 Inman St	Cambridge	1845	NRIND; NRMRA;
CAM.205	Russell, J. D. Double House	110-112 Inman St	Cambridge	1845	NRIND; NRMRA;
CAM.753		80-82 Irving St	Cambridge	1927	NRDIS; NRMRA;
CAM.754		81 Irving St	Cambridge	1916	NRDIS; NRMRA;
CAM.755		84-86 Irving St	Cambridge	1927	NRDIS; NRMRA;
CAM.756		89 Irving St	Cambridge	1916	NRDIS; NRMRA;
CAM.206	James, William House	95 Irving St	Cambridge	1889	NRDIS; NRMRA; LL;
CAM.757		99 Irving St	Cambridge	1889	NRDIS; NRMRA;
CAM.758		103-103A Irving St	Cambridge	1889	NRDIS; NRMRA;
CAM.207	cummings, e. e. House	104 Irving St	Cambridge	1893	NRIND; NRMRA; NRDIS; NRMRA;
CAM.759	Van Dael - DeSola Pool House	105 Irving St	Cambridge	1890	NRDIS; NRMRA;
CAM.760		107 Irving St	Cambridge	1891	NRDIS; NRMRA;
CAM.761		109 Irving St	Cambridge	1893	NRDIS; NRMRA;
CAM.762	Davis, Robert House	110 Irving St	Cambridge	1889	NRDIS; NRMRA;
CAM.763		114 Irving St	Cambridge	1911	NRDIS; NRMRA;
CAM.764		133 Irving St	Cambridge	1963	NRDIS; NRMRA;
CAM.765	American Academy of Arts and Sciences	136 Irving St	Cambridge	1980	NRDIS; NRMRA;
CAM.766		138 Irving St	Cambridge	1912	NRDIS; NRMRA;
CAM.297	Radcliffe College - Schlesinger Library	James St	Cambridge	1907	NRDIS; NRMRA; LHD;
CAM.9047	Quiet Cornerstone	Kennedy St	Cambridge	1986	NRDIS; NRMRA;
CAM.950	Winthrop Square Park	Kennedy St	Cambridge	1631	NRDIS; NRMRA;
CAM.1108	Abbott Building	5 Kennedy St	Cambridge	1908	NRDIS; NRMRA;
CAM.1109		9-25 Kennedy St	Cambridge	1887	NRDIS; NRMRA;
CAM.1110	Farwell, Levi Tenant House	10-14 Kennedy St	Cambridge	C 1820	NRDIS; NRMRA;
CAM.1111	Read Block	18-28 Kennedy St	Cambridge	1885	NRDIS; NRMRA;
CAM.1112		29-41 Kennedy St	Cambridge	1971	NRDIS; NRMRA;
CAM.1113		30 Kennedy St	Cambridge	1936	NRDIS; NRMRA;
CAM.1114	Garage, The	34-42 Kennedy St	Cambridge	1924	NRDIS; NRMRA;
CAM.1115	Fox Club	44 Kennedy St	Cambridge	1906	NRDIS; NRMRA;

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CAM.1116	Drayton Hall	48 Kennedy St	Cambridge	1901	NRDIS; NRMRA;
CAM.1117		50 Kennedy St	Cambridge	1892	NRDIS; NRMRA;
CAM.1118		52-54 Kennedy St	Cambridge	1884	NRDIS; NRMRA;
CAM.1119	Galeria	55-57 Kennedy St	Cambridge	1974	NRDIS; NRMRA;
CAM.1120		56 Kennedy St	Cambridge	1903	NRDIS; NRMRA;
CAM.1121	S. A. E. Club	60 Kennedy St	Cambridge	1929	NRDIS; NRMRA;
CAM.1122		63-65 Kennedy St	Cambridge	1984	NRDIS; NRMRA;
CAM.1200	Hicks, John House - Harvard University	64 Kennedy St	Cambridge	1762	NRDIS; NRMRA;
CAM.1199	Smith Hall - Harvard University	70-78 Kennedy St	Cambridge	1913	NRDIS; NRMRA;
CAM.208	Loring, Judge Edward - Peirce, Benjamin House	4 Kirkland Pl	Cambridge	1856	NRDOE; NRMRA;
CAM.688	Merrill, John House	9 Kirkland Pl	Cambridge	1855	NRDOE; NRMRA;
CAM.689	Shaw, Southworth House	10 Kirkland Pl	Cambridge	1856	NRDOE; NRMRA;
CAM.690	Green, Louise House	11 Kirkland Pl	Cambridge	1921	NRDOE; NRMRA;
CAM.691	Cutler, Isaac House	12 Kirkland Pl	Cambridge	1857	NRDOE; NRMRA;
CAM.692	Cutler, George House	13 Kirkland Pl	Cambridge	1857	NRDOE; NRMRA;
CAM.693	Ware House	14 Kirkland Pl	Cambridge	1839	NRDOE; NRMRA;
CAM.209	Treadwell - Sparks House	21 Kirkland St	Cambridge	1838	NRIND; NRMRA;
CAM.1412	Busch - Reisinger Museum	25 Kirkland St	Cambridge	1914	
CAM.210	Brooks, Luther House	34 Kirkland St	Cambridge	1840	NRIND; NRMRA;
CAM.211	Lovering, Joseph House	38 Kirkland St	Cambridge	1839	NRIND; NRMRA;
CAM.767		49 Kirkland St	Cambridge	1886	NRDIS; NRMRA;
CAM.768		55 Kirkland St	Cambridge	1927	NRDIS; NRMRA;
CAM.769		57-59 Kirkland St	Cambridge	1927	NRDIS; NRMRA;
CAM.212	Eliot, Charles W. House	61 Kirkland St	Cambridge	1858	NRDIS; NRMRA;
CAM.213	Child, Francis J. House	67 Kirkland St	Cambridge	1861	NRDIS; NRMRA; NRIND; NRMRA;
CAM.9019	Brown-Rhone, Jill Park	Lafayette Sq	Cambridge	2007	NRDIS; NRMRA; NRDIS;
CAM.214	Fresh Pond Hotel	234 Lakeview Ave	Cambridge	1796	NRIND; NRMRA;
CAM.9068	Trees and Flowers	15 Lambert St	Cambridge	1979	
CAM.1013		13 Lancaster St	Cambridge	C 1880	NRDIS; NRMRA;
CAM.1005		16 Lancaster St	Cambridge	1892	NRDIS; NRMRA;
CAM.1006		18 Lancaster St	Cambridge	1885	NRDIS; NRMRA;
CAM.1007		24 Lancaster St	Cambridge	1883	NRDIS; NRMRA;
CAM.1014	Sawyer, Chester House	27 Lancaster St	Cambridge	1886	NRDIS; NRMRA;
CAM.1015	Hovey, William B. House	29 Lancaster St	Cambridge	1887	NRDIS; NRMRA;
CAM.1008		36 Lancaster St	Cambridge	1886	NRDIS; NRMRA;
CAM.215	Yerxa House and Carriage House	37 Lancaster St	Cambridge	1887	NRDIS; NRMRA;
CAM.216	Larches, The	22 Larch Rd	Cambridge	C 1808	NRIND; NRMRA;
CAM.1317	Metropolitan District Commission Boat House	Lechmere Canal	Cambridge	1910	NRDIS;
CAM.9074	Bubble Chamber Series - Beach Fragment Series	Lechmere Canal Park	Cambridge	1986	
CAM.9072	Never Green Tree	Lechmere Canal Park	Cambridge	1987	
CAM.9073	The Faces of Cambridge	Lechmere Canal Park	Cambridge	1986	
CAM.217	Bacon, Warren - Stiless, Lucius Double House	15-17 Lee St	Cambridge	1856	NRIND; NRMRA;
CAM.218	Lowell, The	33 Lexington Ave	Cambridge	1900	NRIND; NRMRA;
CAM.1123		5-7 Linden St	Cambridge	C 1867	NRDIS; NRMRA;
CAM.1124	Harvard Square Squash Court	8-10 Linden St	Cambridge	1908	NRDIS; NRMRA;
CAM.1125	Delphic Club	9 Linden St	Cambridge	1902	NRDIS; NRMRA; PR;
CAM.219	Apthorp, Rev. East House	10 Linden St	Cambridge	C 1760	NRDIS; NRMRA;
CAM.220	Cooper - Frost - Austin House	21 Linnaean St	Cambridge	1681	MA/HL; NRIND;
CAM.221	Peabody Court Apartments	41-43 Linnaean St	Cambridge	1922	NRIND; NRMRA;
CAM.1234	Cambridge Friends Meetinghouse and Center	5 Longfellow Park	Cambridge	1914	NRDIS; NRMRA; LHD;
CAM.1233		6 Longfellow Park	Cambridge	1901	NRDIS; NRMRA; LHD;
CAM.222	Lowell School	25 Lowell St	Cambridge	1883	NRIND; NRMRA;
CAM.1319	Magazine Beach Bath House	Magazine Beach	Cambridge	1899	NRDIS;
CAM.9091	Levitated Stone	Magazine St	Cambridge	1987	
CAM.223	First Baptist Church, Cambridge	5 Magazine St	Cambridge	1881	NRIND; NRDIS; NRMRA; PR; NRDIS;

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CAM.637	Church Corners Apartments	8-12 Magazine St	Cambridge	1985	NRDIS; NRMRA; NRDIS;
CAM.510	Pilgrim Congregational Church	35 Magazine St	Cambridge	1871	NRDIS; NRMRA;
CAM.511	Hinman, Joseph House	48 Magazine St	Cambridge	1875	NRDIS; NRMRA;
CAM.512	Brewer, Isaac D. - Pulsifer, William Double House	50-52 Magazine St	Cambridge	1852	NRDIS; NRMRA;
CAM.513	Grace Methodist Church	56 Magazine St	Cambridge	1886	NRDIS; NRMRA;
CAM.224	Flentje, Ernst House	129 Magazine St	Cambridge	1866	NRIND; NRMRA;
CAM.991	Shell Sign	187 Magazine St	Cambridge	1933	NRIND;
CAM.9057	Animal Weather Vanes	Main St	Cambridge	1981	
CAM.1309	Davenport - Allen and Endicott Factory East Wing	Main St	Cambridge	1848	NRDOE; NRMRA;
CAM.1308	Davenport - Allen and Endicott Factory Headhouse	Main St	Cambridge	1882	NRDOE; NRMRA;
CAM.9083	Galaxy	Main St	Cambridge	1989	
CAM.225	Kendall Square Substation	Main St	Cambridge	1911	
CAM.87	Kendall Square Subway Station	Main St	Cambridge	1912	
CAM.1335	Luke Building	135-145 Main St	Cambridge	1874	LL;
CAM.1384	Engine House No. 7	350 Main St	Cambridge	C 1895	
CAM.328	Union #2 Engine House	787-789 Main St	Cambridge	1852	LL;
CAM.609	Bright Building	853 Main St	Cambridge	1898	NRDIS; NRMRA; NRDIS;
CAM.608	Wentworth Building	859-863 Main St	Cambridge	1897	NRDIS; NRMRA; NRDIS;
CAM.610	Union Baptist Church	872 Main St	Cambridge	1882	NRDIS; NRMRA; NRDIS;
CAM.607	Mellen Building	875 Main St	Cambridge	1897	NRDIS; NRMRA; NRDIS;
CAM.606	Andelman, Ezra Building	877-881 Main St	Cambridge	1941	NRDIS; NRMRA; NRDIS;
CAM.611	Sawyer, Charles Tenement	882-884 Main St	Cambridge	C 1873	NRDIS; NRMRA; NRDIS;
CAM.605	Whitney, Lucretia and Henry Building	893-907 Main St	Cambridge	1870	NRDIS; NRMRA; NRDIS;
CAM.703		6 Maple Ave	Cambridge		NRDIS; NRMRA;
CAM.694	Stevens, Charles B. House	8 Maple Ave	Cambridge	1873	NRDIS; NRMRA;
CAM.704		12 Maple Ave	Cambridge		NRDIS; NRMRA;
CAM.705		14-16 Maple Ave	Cambridge		NRDIS; NRMRA;
CAM.702		15 Maple Ave	Cambridge		NRDIS; NRMRA;
CAM.701		19 Maple Ave	Cambridge		NRDIS; NRMRA;
CAM.697	Webster, Francis B. House	20 Maple Ave	Cambridge	1861	NRDIS; NRMRA;
CAM.695	Hall, Lewis House	23 Maple Ave	Cambridge	1867	NRDIS; NRMRA;
CAM.706		24 Maple Ave	Cambridge		NRDIS; NRMRA;
CAM.700		25 Maple Ave	Cambridge	R 1920	NRDIS; NRMRA;
CAM.707		26 Maple Ave	Cambridge		NRDIS; NRMRA;
CAM.699		27 Maple Ave	Cambridge		NRDIS; NRMRA;
CAM.698		29 Maple Ave	Cambridge		NRDIS; NRMRA;
CAM.696	Munroe, Philip House	31 Maple Ave	Cambridge	1887	NRDIS; NRMRA;
CAM.226	Mason, Josiah Jr. House	11 Market St	Cambridge	1831	NRIND; NRMRA;
CAM.296	Radcliffe College - Agassiz House	Mason St	Cambridge	1904	NRDIS; NRMRA; LHD;
CAM.295	Radcliffe College Gymnasium	Mason St	Cambridge	1898	NRDIS; NRMRA; LHD;
CAM.227	Norton House Ell	4 Mason St	Cambridge	1847	NRDIS; NRMRA; LHD;
CAM.228		6-12 Mason St	Cambridge		NRDIS; NRMRA; LHD;
CAM.945	Burying Ground Fence	Massachusetts Ave	Cambridge	1891	NRDIS; LHD; NRDIS; NRMRA;
CAM.938	Cambridge Common	Massachusetts Ave	Cambridge	1631	NRDIS; LHD; NRDIS; NRMRA;
CAM.939	Cambridge Common South Traffic Island	Massachusetts Ave	Cambridge	1976	NRDIS; LHD; NRDIS; NRMRA;
CAM.949	Central Square Street Pattern	Massachusetts Ave	Cambridge	C 1630	NRDIS; NRMRA; NRDIS;
CAM.916	Central Square Subway Station	Massachusetts Ave	Cambridge	1912	NRDIS; NRMRA; NRDIS;
CAM.946	Flagstaff Park	Massachusetts Ave	Cambridge	1913	NRDIS; LHD; NRDIS; NRMRA;
CAM.9058	Gift of the Wind	Massachusetts Ave	Cambridge	1985	
CAM.921	Harvard Bridge	Massachusetts Ave	Cambridge	R 1890	NRDIS;
CAM.901	Harvard Square Subway Kiosk	Massachusetts Ave	Cambridge	1928	NRIND; NRDIS; NRMRA; LHD;
CAM.261	Kresge Auditorium	Massachusetts Ave	Cambridge	1953	NRDOE; NRMRA;
CAM.9026	M. I. T. - Belltower for M. I. T Chapel	Massachusetts Ave	Cambridge	1955	
CAM.260	M. I. T. Alumni Swimming Pool Building	Massachusetts Ave	Cambridge	1940	
CAM.262	M. I. T. Chapel	Massachusetts Ave	Cambridge	1954	NRDOE; NRMRA;

Inv. No.	Property Name	Street	Town	Year	Designations
CAM.905	Massachusetts Avenue Bridge over Conrail	Massachusetts Ave	Cambridge	1900	
CAM.947	North Little Common	Massachusetts Ave	Cambridge	C 1858	NRDIS; NRDIS; NRMRA;
CAM.9099	Porter Square Megaliths - Birth of a Ballard	Massachusetts Ave	Cambridge	1983	
CAM.9100	Sandblasted Six Ballards	Massachusetts Ave	Cambridge	1985	
CAM.9097	Untitled	Massachusetts Ave	Cambridge	1980	
CAM.9021	M. I. T. - Spinning Box	Massachusetts Ave	Cambridge	1991	
CAM.9049	Sumner	Massachusetts Ave	Cambridge	1900	NRDIS; NRDIS; LHD; NRMRA;
CAM.334	Cambridge Armory	120 Massachusetts Ave	Cambridge	1902	NRDOE; NRMRA;
CAM.332	Metropolitan Storage Warehouse	134 Massachusetts Ave	Cambridge	1895	NRDOE; NRMRA;
CAM.1366	New England Confectionery Company Factory	250 Massachusetts Ave	Cambridge	1927	NRIND;
CAM.612	Lamson, The	351-355 Massachusetts Ave	Cambridge	1907	NRDIS; NRMRA; NRDIS;
CAM.614	Lafayette Square Fire Station	380 Massachusetts Ave	Cambridge	1893	NRDIS; NRMRA; PR; NRDIS;
CAM.613	Shell Gas Station	385 Massachusetts Ave	Cambridge	1948	NRDIS; NRMRA; NRDIS;
CAM.615	Salvation Army - Cambridge Citadel	400-402 Massachusetts Ave	Cambridge	1968	NRDIS; NRMRA; NRDIS;
CAM.604		401-409 Massachusetts Ave	Cambridge	1966	NRDIS; NRMRA; NRDIS;
CAM.603	Taylor, William A. House and Shop	411-413 Massachusetts Ave	Cambridge	1887	NRDIS; NRMRA; NRDIS;
CAM.602	Barkin and Gorfinkle Building	415-429 Massachusetts Ave	Cambridge	1925	NRDIS; NRMRA; NRDIS;
CAM.616	Kennedy, Frank A. Store	424 Massachusetts Ave	Cambridge	1896	NRDIS; NRMRA; NRDIS;
CAM.617	Kutz, Issac Store	428 Massachusetts Ave	Cambridge	C 1910	NRDIS; NRMRA; NRDIS;
CAM.229	Kennedy, The	430-442 Massachusetts Ave	Cambridge	1890	NRDOE; NRMRA; NRDIS; NRMRA; NRDIS;
CAM.601	Robbins Building	433-447 Massachusetts Ave	Cambridge	1923	NRDIS; NRMRA; NRDIS;
CAM.619	Blanchard Building	448-450 Massachusetts Ave	Cambridge	C 1886	NRDIS; NRMRA; NRDIS;
CAM.1393	Dana Row - South Row	452-458 Massachusetts Ave	Cambridge	2003	NRDIS; NRMRA; NRDIS;
CAM.324	South Row	452-458 Massachusetts Ave	Cambridge	1807	NRDIS; NRMRA; NRDIS;
CAM.599	Rogers, F. W. and G. M. Building	453-457 Massachusetts Ave	Cambridge	1885	NRDIS; NRMRA; NRDIS;
CAM.620	Freedman Building	460-464 Massachusetts Ave	Cambridge	1933	NRDIS; NRMRA; NRDIS;
CAM.598	McDonald's Restaurant	463-467 Massachusetts Ave	Cambridge	1974	NRDIS; NRMRA; NRDIS;
CAM.621	Central Square Realty Trust Building	468-480 Massachusetts Ave	Cambridge	1929	NRDIS; NRMRA; NRDIS;
CAM.597	Moller's Furniture Store	485 Massachusetts Ave	Cambridge	1926	NRDIS; NRMRA; NRDIS;
CAM.622	Longfellow, The	492-498 Massachusetts Ave	Cambridge	1893	NRDIS; NRMRA; NRDIS;
CAM.596	Kane's Furniture Store	493-507 Massachusetts Ave	Cambridge	1916	NRDIS; NRMRA; NRDIS;
CAM.625	Burger King Restaraunt	506 Massachusetts Ave	Cambridge	1970	NRDIS; NRMRA; NRDIS;
CAM.1394	Hovey, Phineas Building	512-514 Massachusetts Ave	Cambridge	1842	NRDIS; NRMRA; NRDIS;
CAM.595	Central Trust Building	515-527 Massachusetts Ave	Cambridge	1927	NRDIS; NRMRA; NRDIS;
CAM.627	Miller Store	520 Massachusetts Ave	Cambridge	1924	NRDIS; NRMRA; NRDIS;
CAM.628	Rosenwald Realty Corporation Building	522-526 Massachusetts Ave	Cambridge	1928	NRDIS; NRMRA; NRDIS;
CAM.230	Odd Fellows Hall	536 Massachusetts Ave	Cambridge	1884	NRIND; NRMRA; NRDIS; NRMRA; LL; PR; NRDIS;
CAM.629	Clark - Lamb Building	546-550 Massachusetts Ave	Cambridge	C 1873	NRDIS; NRMRA; NRDIS;
CAM.630	Albani Building	552-566 Massachusetts Ave	Cambridge	1925	NRDIS; NRMRA; NRDIS;
CAM.592	Bullock, Charles Building	567-569 Massachusetts Ave	Cambridge	1859	NRDIS; NRMRA; NRDIS;
CAM.591	Central Square Theater	571-577 Massachusetts Ave	Cambridge	1917	NRDIS; NRMRA; NRDIS;
CAM.631	Ginsberg Building - Harvard Bazar	572-590 Massachusetts Ave	Cambridge	1913	NRDIS; NRMRA; NRDIS;
CAM.590	Morse, Asa P. Building	579-587 Massachusetts Ave	Cambridge	1893	NRDIS; NRMRA; NRDIS;
CAM.589	Cambridgeport National Bank Building	593-597 Massachusetts Ave	Cambridge	1869	NRDIS; NRMRA; NRDIS;
CAM.632	Manhattan Market - Purity Supreme Super Market	596-610 Massachusetts Ave	Cambridge	1899	NRDIS; NRMRA; NRDIS;
CAM.588	Morse, Asa Second Building	599-601 Massachusetts Ave	Cambridge	1905	NRDIS; NRMRA; NRDIS;
CAM.587	Fisk and Coleman Building	603-605 Massachusetts Ave	Cambridge	1892	NRDIS; NRMRA; NRDIS;
CAM.633	Prospect House	614-620 Massachusetts Ave	Cambridge	1869	NRDIS; NRMRA; NRDIS;
CAM.586	Corcoran, John H. Building	615-627 Massachusetts Ave	Cambridge	1927	NRDIS; NRMRA; NRDIS;
CAM.634	Holmes Block I	624-638 Massachusetts Ave	Cambridge	1915	NRDIS; NRMRA; NRDIS;
CAM.1395	New Holmes Block	624-638 Massachusetts Ave	Cambridge	1998	NRDIS; NRMRA; NRDIS;
CAM.585	Woolworth, F. W. Building	633-641 Massachusetts Ave	Cambridge	1950	NRDIS; NRMRA; NRDIS;
CAM.584	Watriss Building	643-649 Massachusetts Ave	Cambridge	1880	NRDIS; NRMRA; NRDIS;
CAM.583	Dowse, Thomas House	653-655 Massachusetts Ave	Cambridge	1814	NRDIS; NRMRA; NRDIS;
CAM.581	New England Gas and Electric Association II Bldg	671-675 Massachusetts Ave	Cambridge	1966	NRDIS; NRMRA; NRDIS;

Inv. No.	Property Name	Street	Town	Year	Designations
CAM.642	Central Square Building	674 Massachusetts Ave	Cambridge	1926	NRDIS; NRMRA; NRDIS;
CAM.643	Chamberlain - Hyde Building	684-688 Massachusetts Ave	Cambridge	1869	NRDIS; NRMRA; NRDIS;
CAM.580	Cambridgeport Savings Bank	689 Massachusetts Ave	Cambridge	1904	NRDIS; NRMRA; NRDIS;
CAM.644	Dana Building	692-698 Massachusetts Ave	Cambridge	1872	NRDIS; NRMRA; NRDIS;
CAM.645	Southwick Building	700-706 Massachusetts Ave	Cambridge	1908	NRDIS; NRMRA; NRDIS;
CAM.646	Norris Building	710-720 Massachusetts Ave	Cambridge	1916	NRDIS; NRMRA; NRDIS;
CAM.579	Cambridge Electric Light Building	719 Massachusetts Ave	Cambridge	1912	NRDIS; NRMRA; NRDIS; NRMRA; NRDIS;
CAM.647	Thayer Building I	722-724 Massachusetts Ave	Cambridge	1863	NRDIS; NRMRA; NRDIS;
CAM.648	Thayer Building II	728-730 Massachusetts Ave	Cambridge	1868	NRDIS; NRMRA; NRDIS;
CAM.578	Southwick Building	731-751 Massachusetts Ave	Cambridge	1896	NRDIS; NRMRA; NRDIS;
CAM.649	Dobbins and Draper Store	736-750 Massachusetts Ave	Cambridge	1922	NRDIS; NRMRA; NRDIS;
CAM.650	Dobbins and Draper Store	736-750 Massachusetts Ave	Cambridge	1922	NRDIS; NRMRA; NRDIS;
CAM.231	Cambridge Mutual Fire Insurance Company Building	763 Massachusetts Ave	Cambridge	1888	NRDIS; NRMRA; NRDIS; NRMRA; LL; NRDIS;
CAM.232	Central Square Post Office	770 Massachusetts Ave	Cambridge	1933	NRIND; NRDIS; NRMRA; NRDIS;
CAM.233	Cambridge City Hall	795 Massachusetts Ave	Cambridge	1889	NRDIS; NRMRA; NRDIS; NRMRA; LL; PR; NRDIS;
CAM.651	Cambridge Senior Center	800-806 Massachusetts Ave	Cambridge	1925	NRDIS; NRMRA; NRDIS;
CAM.652	Young Men's Christian Association Building	820-830 Massachusetts Ave	Cambridge	1896	NRDIS; NRMRA; NRDIS;
CAM.1396	Brusch Medical Center	825-831 Massachusetts Ave	Cambridge	1951	NRDIS;
CAM.653	Saint Peter's Episcopal Church	834 Massachusetts Ave	Cambridge	1867	NRDIS; NRMRA; NRDIS;
CAM.654	Modern Manor Apartments	842-864 Massachusetts Ave	Cambridge	1925	NRDIS; NRMRA; NRDIS;
CAM.900	Houghton Beech Tree	1000 Massachusetts Ave	Cambridge		LL;
CAM.1127	Brentford Hall	1137 Massachusetts Ave	Cambridge	1899	NRDIS; NRMRA;
CAM.1128	Dunham, Israel Houses	1156-1166 Massachusetts Ave	Cambridge	1858	NRDIS; NRMRA;
CAM.1129		1168 Massachusetts Ave	Cambridge	C 1892	NRDIS; NRMRA;
CAM.1130		1170-1174 Massachusetts Ave	Cambridge	C 1849	NRDIS; NRMRA;
CAM.1131	Longfellow Court	1200 Massachusetts Ave	Cambridge	1916	NRDIS; NRMRA;
CAM.1132	Gulf Gas Station	1201 Massachusetts Ave	Cambridge	1940	NRDIS; NRMRA;
CAM.1133		1206 Massachusetts Ave	Cambridge	1965	NRDIS; NRMRA;
CAM.1134		1208-1210 Massachusetts Ave	Cambridge	1842	NRDIS; NRMRA;
CAM.1135	Quincy Hall	1218 Massachusetts Ave	Cambridge	1891	NRDIS; NRMRA;
CAM.1136		1230 Massachusetts Ave	Cambridge	1907	NRDIS; NRMRA;
CAM.1137		1234-1238 Massachusetts Ave	Cambridge	C 1894	NRDIS; NRMRA;
CAM.1138	Hamden Hall	1246-1260 Massachusetts Ave	Cambridge	1902	NRDIS; NRMRA;
CAM.1139	A. D. Club	1268-1270 Massachusetts Ave	Cambridge	1899	NRDIS; NRMRA;
CAM.1140	Niles Building	1280 Massachusetts Ave	Cambridge	1984	NRDIS; NRMRA;
CAM.234	Fairfax, The	1300-1306 Massachusetts Ave	Cambridge	1869	NRDIS; NRMRA;
CAM.1141	Fairfax - Hilton Block	1310-1312 Massachusetts Ave	Cambridge	1883	NRDIS; NRMRA;
CAM.1142	Fairfax - Hilton Block	1316 Massachusetts Ave	Cambridge	1885	NRDIS; NRMRA;
CAM.235	Porcellian Club	1320-1324 Massachusetts Ave	Cambridge	1890	NRIND; NRMRA; NRDIS; NRMRA;
CAM.1143	Manter Hall	1325 Massachusetts Ave	Cambridge	1885	NRDIS; NRMRA;
CAM.236	Wadsworth House	1341 Massachusetts Ave	Cambridge	1726	NRDIS; NRDOE; LHD; NRDIS; NRMRA;
CAM.237	Holyoke Center	1350 Massachusetts Ave	Cambridge	1961	NRDIS; NRMRA;
CAM.1144	Cambridge Savings Bank	1372-1376 Massachusetts Ave	Cambridge	1923	NRDIS; NRMRA;
CAM.1145	Read, Joseph Stacey House	1380-1382 Massachusetts Ave	Cambridge	C 1783	NRDIS; NRMRA;
CAM.1146	Bartlett, Joseph House	1384-1392 Massachusetts Ave	Cambridge	C 1800	NRDIS; NRMRA;
CAM.1147	Harvard Coop Society	1400 Massachusetts Ave	Cambridge	1924	NRDIS; NRMRA;
CAM.1148	Harvard Coop Society	1408-1410 Massachusetts Ave	Cambridge	1956	NRDIS; NRMRA;
CAM.1149	Harvard Trust Company	1414 Massachusetts Ave	Cambridge	1923	NRDIS; NRMRA;
CAM.1150	College House	1420-1442 Massachusetts Ave	Cambridge	1832	PR; NRDIS; NRMRA;
CAM.342	Gannett House	1511 Massachusetts Ave	Cambridge	1838	NRDIS; LHD; NRDIS; NRMRA;
CAM.9044	Harvard University - Discobulus	1517 Massachusetts Ave	Cambridge		NRMRA; NRDIS; NRDIS; LHD;
CAM.343	Hemenway Gymnasium	1517 Massachusetts Ave	Cambridge	1938	NRDIS; LHD; NRDIS; NRMRA;
CAM.344	Hastings Hall	1519 Massachusetts Ave	Cambridge	1888	NRDIS; LHD; NRDIS; NRMRA;
CAM.345	Harvard Epworth Methodist Church	1555 Massachusetts Ave	Cambridge	1891	NRDIS; LHD; NRDIS; NRMRA;
CAM.1334	Francis - Allyn House	1564 Massachusetts Ave	Cambridge	1831	LL;

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CAM.1333	Sawin - Cobb - Wilson House	1626 Massachusetts Ave	Cambridge	1868	LL;
CAM.238	Saunders, Charles Hicks House	1627 Massachusetts Ave	Cambridge	1862	NRDOE; NRMRA;
CAM.239	Montrose, The	1648 Massachusetts Ave	Cambridge	1898	NRIND; NRMRA;
CAM.240	Dunvegan, The	1654 Massachusetts Ave	Cambridge	1898	NRIND; NRMRA;
CAM.241	Worcester, Frederick House	1734 Massachusetts Ave	Cambridge	1886	NRDOE; NRMRA;
CAM.242	North Avenue Congregational Church	1803 Massachusetts Ave	Cambridge	1845	NRIND; NRMRA;
CAM.243	Lovell Block	1853 Massachusetts Ave	Cambridge	1882	NRIND; NRMRA;
CAM.1385	Cambridge Masonic Temple	1950 Massachusetts Ave	Cambridge	1910	
CAM.244	Saint James Episcopal Church	1991 Massachusetts Ave	Cambridge	1888	NRIND; NRMRA; PR;
CAM.245	Henderson Carriage Repository	2067-2089 Massachusetts Ave	Cambridge	1892	NRDOE; NRIND; NRMRA;
CAM.246	Cornerstone Baptist Church	2114 Massachusetts Ave	Cambridge	1854	
CAM.247	Mead, Alpheus House	2200 Massachusetts Ave	Cambridge	1867	NRIND; NRMRA;
CAM.248	Snow, Daniel House	2210 Massachusetts Ave	Cambridge	1868	NRDOE; NRMRA;
CAM.249	McLean, Isaac House	2218 Massachusetts Ave	Cambridge	1894	NRIND; NRMRA;
CAM.250	Farwell, R. H. Double House	2222-2224 Massachusetts Ave	Cambridge	1891	NRIND; NRMRA;
CAM.251	Saint John's Roman Catholic Church	2270 Massachusetts Ave	Cambridge	1904	NRIND; NRMRA;
CAM.1390		2557 Massachusetts Ave	Cambridge		
CAM.1375	Immaculate Conception Catholic Church Convent	33 Matignon Rd	Cambridge	1954	
CAM.1376	Matignon Central Catholic High School	39 Matignon Rd	Cambridge	1946	
CAM.252	Cambridge Almshouse	45 Matignon Rd	Cambridge	1850	NRIND; NRMRA;
CAM.1374	Cambridge Almshouse Dormitory	45 Matignon Rd	Cambridge	C 1887	
CAM.1332	Little, Arthur D. Inc. Building	Memorial Dr	Cambridge	1917	NRIND; NHL;
CAM.567	M. I. T. - Buildings #2 and #8	Memorial Dr	Cambridge	1913	NRDOE; NRMRA;
CAM.570	M. I. T. - Eastman, George Research Laboratories	Memorial Dr	Cambridge	1931	NRDOE; NRMRA;
CAM.9023	M. I. T. - ELMO	Memorial Dr	Cambridge	1963	
CAM.575	M. I. T. - Hayden Library	Memorial Dr	Cambridge	1949	NRDOE; NRMRA;
CAM.569	M. I. T. - Homburg Infirmary	Memorial Dr	Cambridge	1927	NRDOE; NRMRA;
CAM.566	M. I. T. - Pierce, Henry L. Engineering Laboratory	Memorial Dr	Cambridge	1913	NRDOE; NRMRA;
CAM.568	M. I. T. - Pratt School of Naval Architecture	Memorial Dr	Cambridge	1919	NRDOE; NRMRA;
CAM.573	M. I. T. - President's House	Memorial Dr	Cambridge	1913	NRDOE; NRMRA;
CAM.571	M. I. T. - Rogers, William Barton Building	Memorial Dr	Cambridge	1937	NRDOE; NRMRA;
CAM.574	M. I. T. - Senior House	Memorial Dr	Cambridge	1913	NRDOE; NRMRA;
CAM.572	M. I. T. - Walker Memorial	Memorial Dr	Cambridge	1913	NRDOE; NRMRA;
CAM.933	M. I. T. Memorial Underpass	Memorial Dr	Cambridge	1931	NRDIS;
CAM.930	Memorial Drive	Memorial Dr	Cambridge	1896	NRDIS;
CAM.934	Reid, William J. Overpass	Memorial Dr	Cambridge	1939	NRDIS;
CAM.9089	Stonework - Two Words - Bread	Memorial Dr	Cambridge	1980	
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	NRDOE; NRMRA;
CAM.255	Riverbank Court Hotel	305 Memorial Dr	Cambridge	1900	NRDOE; NRMRA;
CAM.256	Baker House	362 Memorial Dr	Cambridge	1947	NRDOE; NRMRA;
CAM.9087	Mercury Argon Sculpture	575 Memorial Dr	Cambridge	1977	
CAM.1327	Boston University Boat House	619 Memorial Dr	Cambridge	1913	NRDIS;
CAM.257	B & B Chemical Company	780 Memorial Dr	Cambridge	1937	NRIND; NRMRA; PR;
CAM.258	Peabody Terrace	900 Memorial Dr	Cambridge	1958	NRDIS; NRMRA;
CAM.1201	Dunster House - Harvard University	945 Memorial Dr	Cambridge	1929	NRDIS; NRMRA;
CAM.1202	Gore Hall - Harvard University	960 Memorial Dr	Cambridge	1913	NRDIS; NRMRA;
CAM.1203	Standish Hall - Harvard University	966 Memorial Dr	Cambridge	1913	NRDIS; NRMRA;
CAM.1204	Eliot House - Harvard University	967 Memorial Dr	Cambridge	1930	NRDIS; NRMRA;
CAM.1324	Harvard University - Weld Boat House	971 Memorial Dr	Cambridge	1906	NRDIS;
CAM.259	Conventual Church of Saint Mary and Saint John	980 Memorial Dr	Cambridge	1936	NRIND; NRMRA;
CAM.1267	Radnor Hall	983-984 Memorial Dr	Cambridge	1916	NRDIS; NRMRA;
CAM.1268	Hampstead Hall	985-986 Memorial Dr	Cambridge	1916	NRDIS; NRMRA;
CAM.1269	Barrington Court	987-989 Memorial Dr	Cambridge	1924	NRDIS; NRMRA;

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CAM.1270	Strathcona-on-the-Charles	992-993 Memorial Dr	Cambridge	1914	NRDIS; NRMRA;
CAM.1300		2 Mercer Cir	Cambridge	1894	NRDIS; NRMRA;
CAM.1287		3 Mercer Cir	Cambridge	1885	NRDIS; NRMRA;
CAM.1288		4 Mercer Cir	Cambridge	1885	NRDIS; NRMRA;
CAM.1294		5 Mercer Cir	Cambridge	1887	NRDIS; NRMRA;
CAM.1291		6 Mercer Cir	Cambridge	1886	NRDIS; NRMRA;
CAM.1307	Harris, William F. House	7 Mercer Cir	Cambridge	1922	NRDIS; NRMRA;
CAM.1289		8 Mercer Cir	Cambridge	1885	NRDIS; NRMRA;
CAM.1292		9 Mercer Cir	Cambridge	1886	NRDIS; NRMRA;
CAM.1151		11-15 Mifflin Pl	Cambridge	1901	NRDIS; NRMRA;
CAM.1152		12-14 Mifflin Pl	Cambridge	1913	NRDIS; NRMRA;
CAM.1153		17-19 Mifflin Pl	Cambridge	1972	NRDIS; NRMRA;
CAM.1205	McKinlock Hall - Harvard University	8 Mill St	Cambridge	1926	NRDIS; NRMRA;
CAM.1206	Leverett House Library and Towers - Harvard Univ.	14-18 Mill St	Cambridge	1958	NRDIS; NRMRA;
CAM.9061	Arbor - Trellis	Moore St	Cambridge	1986	
CAM.263	Cambridge Neighborhood House	79 Moore St	Cambridge	C 1821	
CAM.264	Reversible Collar Company Building	25-27 Mount Auburn St	Cambridge	1860	NRIND; NRMRA; NRDIS; NRMRA;
CAM.1154	Saint Paul's Rectory	32-36 Mount Auburn St	Cambridge	1924	NRDIS; NRMRA;
CAM.1155	Speakers Club	43-45 Mount Auburn St	Cambridge	1845	NRDIS; NRMRA;
CAM.1156		45 1/2 Mount Auburn St	Cambridge	1971	NRDIS; NRMRA;
CAM.1157		47-49 Mount Auburn St	Cambridge	1926	NRDIS; NRMRA;
CAM.1158	Claverly Hall	63 Mount Auburn St	Cambridge	1892	NRDIS; NRMRA;
CAM.1160	Ridgely Hall	65 Mount Auburn St	Cambridge	1904	NRDIS; NRMRA;
CAM.1159		65R Mount Auburn St	Cambridge	1957	NRDIS; NRMRA;
CAM.1161	Manter Hall School	71-77 Mount Auburn St	Cambridge	1927	NRDIS; NRMRA;
CAM.1162	Phoenix - S. K. Club	72 Mount Auburn St	Cambridge	1915	NRDIS; NRMRA;
CAM.1163	Iroquois Club	74 Mount Auburn St	Cambridge	1916	NRDIS; NRMRA;
CAM.1164	Spee Club	76 Mount Auburn St	Cambridge	1931	NRDIS; NRMRA;
CAM.1165	Willard, Lucy House	78 Mount Auburn St	Cambridge	1839	NRDIS; NRMRA;
CAM.1166		90 Mount Auburn St	Cambridge	1971	NRDIS; NRMRA;
CAM.1167		92-96 Mount Auburn St	Cambridge	1895	NRDIS; NRMRA;
CAM.1168		95-97 Mount Auburn St	Cambridge	1920	NRDIS; NRMRA;
CAM.1169		99 Mount Auburn St	Cambridge	C 1919	NRDIS; NRMRA;
CAM.1170	Cantabrigia Club	100 Mount Auburn St	Cambridge	C 1919	NRDIS; NRMRA; PR;
CAM.1171		102 Mount Auburn St	Cambridge	1869	NRDIS; NRMRA;
CAM.1172		104 Mount Auburn St	Cambridge	1983	NRDIS; NRMRA;
CAM.1173		110 Mount Auburn St	Cambridge	1959	NRDIS; NRMRA;
CAM.9	Boston Elevated Railway Division 7 Headquarters	112 Mount Auburn St	Cambridge	C 1911	NRDIS; NRMRA;
CAM.1175	Trinity Hall	114-120 Mount Auburn St	Cambridge	1892	NRDIS; NRMRA;
CAM.1177	Waverly Hall	115 Mount Auburn St	Cambridge	1902	NRDIS; NRMRA;
CAM.1178		119-123 Mount Auburn St	Cambridge	1988	NRDIS; NRMRA;
CAM.1176		120R Mount Auburn St	Cambridge	1982	NRDIS; NRMRA;
CAM.1126	U. S. Post Office - Cambridge Branch	125 Mount Auburn St	Cambridge	1953	NRDIS; NRMRA;
CAM.791		151 Mount Auburn St	Cambridge	1853	NRDIS; NRMRA;
CAM.792		153 Mount Auburn St	Cambridge	1874	NRDIS; NRMRA;
CAM.789		154 Mount Auburn St	Cambridge	1852	NRDIS; NRMRA;
CAM.790		156-158 Mount Auburn St	Cambridge	1856	NRDIS; NRMRA;
CAM.265		173 Mount Auburn St	Cambridge	R 1905	NRDIS; NRMRA; LHD;
CAM.266		175 Mount Auburn St	Cambridge	R 1895	NRDIS; NRMRA; LHD;
CAM.267	Watertown - Mount Auburn Railroad Station	259 Mount Auburn St	Cambridge	C 1850	NRIND; NRMRA;
CAM.269	Mount Auburn Hospital - Main Building	330 Mount Auburn St	Cambridge	1886	NRDOE; NRMRA;
CAM.268	Mount Auburn Hospital - Surgical Building	330 Mount Auburn St	Cambridge	1897	NRDOE; NRMRA;
CAM.801	Mount Auburn Cemetery	580 Mount Auburn St	Cambridge	1831	NRIND; NHL;
CAM.992	Mount Auburn Cemetery - Copenhagen, Maria Angel	580 Mount Auburn St	Cambridge	1872	NRIND; NHL;
CAM.936	Mount Auburn Cemetery Fence and Gates	580 Mount Auburn St	Cambridge	1843	NRIND; LL; NHL;

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CAM.270	Mount Auburn Cemetery Reception House	583 Mount Auburn St	Cambridge	1870	NRIND; NRMRA;
CAM.1330	DeRosay - McNamee House	50 Mount Vernon St	Cambridge	1896	NRIND; NRMRA;
CAM.557		1-2 Norfolk Pl	Cambridge	1844	NRDIS; NRMRA;
CAM.558		3 Norfolk Pl	Cambridge	1846	NRDIS; NRMRA;
CAM.593	Powers, Hannah - Ginsberg, Harris Building	7-15 Norfolk St	Cambridge	C 1894	NRDIS; NRMRA; NRDIS;
CAM.562	Hotel Norfolk	30 Norfolk St	Cambridge	1886	NRDIS; NRMRA;
CAM.560		51 Norfolk St	Cambridge	C 1885	NRDIS; NRMRA;
CAM.561		59 Norfolk St	Cambridge	1886	NRDIS; NRMRA;
CAM.554		65-67 Norfolk St	Cambridge	1844	NRDIS; NRMRA;
CAM.559	Pollard, John House	68-72 Norfolk St	Cambridge	1859	NRDIS; NRMRA;
CAM.552		69 Norfolk St	Cambridge	1843	NRDIS; NRMRA;
CAM.555		71-73 Norfolk St	Cambridge	1844	NRDIS; NRMRA;
CAM.556		75-77 Norfolk St	Cambridge	1844	NRDIS; NRMRA;
CAM.551	Fuller, Robert House	79 Norfolk St	Cambridge	1843	NRDIS; NRMRA;
CAM.553		87 Norfolk St	Cambridge	1843	NRDIS; NRMRA;
CAM.563	Hotel Franklin	90 Norfolk St	Cambridge	1886	NRDIS; NRMRA;
CAM.1392	Saint Mary of the Annunciation Catholic Church	134 Norfolk St	Cambridge	R 1865	
CAM.550		1-2 Norfolk Ter	Cambridge	1839	NRDIS; NRMRA;
CAM.9020	Boston and Lowell Railroad Retaining Wall	O'Brien Hwy	Cambridge	C 1857	
CAM.913	East Cambridge Viaduct - Lechmere Viaduct	O'Brien Hwy	Cambridge	1910	NRDIS;
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	NRIND; NRMRA;
CAM.348	Lockhart, William L. Coffin Factory Main Building	201 O'Brien Hwy	Cambridge	R 1870	
CAM.272	Lockart, William L. Company Building	209 O'Brien Hwy	Cambridge	C 1859	
CAM.1400	Morrell, John and Company Branch House	221 O'Brien Hwy	Cambridge	1929	
CAM.1399	Whitehead Metal Products Company	225 O'Brien Hwy	Cambridge	1929	
CAM.273	Aborn, John House	41 Orchard St	Cambridge	1846	NRIND; NRMRA;
CAM.274	Billings, Frederick House	45 Orchard St	Cambridge	1846	NRIND; NRMRA;
CAM.1312	Allen and Endicott Factory Extension	Osborn St	Cambridge	1896	NRDOE; NRMRA;
CAM.1313	Allen and Endicott Factory Extension	Osborn St	Cambridge	1896	NRDOE; NRMRA;
CAM.1310	Davenport - Allen and Endicott Factory West Wing	Osborn St	Cambridge	1848	NRDOE; NRMRA;
CAM.1311	Davenport - Allen Factory West Wing Extension	Osborn St	Cambridge	1848	NRDOE; NRMRA;
CAM.468	Otis Hospital	Otis St	Cambridge		
CAM.465	Saint Hedwig's Parish Church	Otis St	Cambridge	1939	NRDIS; NRMRA;
CAM.371	Woodbury, James A. - Geldowsky, Ferdinand Building	2-28 Otis St	Cambridge	1869	NRDIS; NRMRA;
CAM.374		31 Otis St	Cambridge	1900	NRDIS; NRMRA;
CAM.473	Hall, Lewis and William A. Rowhouse	55 Otis St	Cambridge	1851	NRDIS; NRMRA;
CAM.474	Hall, Lewis and William A. Rowhouse	57 Otis St	Cambridge	1851	NRDIS; NRMRA;
CAM.475	Hall, Lewis and William A. Rowhouse	59 Otis St	Cambridge	1851	NRDIS; NRMRA;
CAM.485	Hazard, Samuel L. House	60 Otis St	Cambridge	1871	NRDIS; NRMRA;
CAM.476	Hall, Lewis and William A. Rowhouse	61 Otis St	Cambridge	1851	NRDIS; NRMRA;
CAM.484		62 Otis St	Cambridge		NRDIS; NRMRA;
CAM.472	Sortwell, Daniel R. Double House	63-65 Otis St	Cambridge	1871	NRDIS; NRMRA;
CAM.483		64 Otis St	Cambridge		NRDIS; NRMRA;
CAM.471		65 1/2 Otis St	Cambridge		NRDIS; NRMRA;
CAM.482	Jones, Andrew - Hall, William A. Double House	66-68 Otis St	Cambridge	1846	NRDIS; NRMRA;
CAM.470	Goss, Abiel Double House	67-69 Otis St	Cambridge	1839	NRDIS; NRMRA;
CAM.481		70 Otis St	Cambridge		NRDIS; NRMRA;
CAM.469		73-75 Otis St	Cambridge		NRDIS; NRMRA;
CAM.480		74 Otis St	Cambridge		NRDIS; NRMRA;
CAM.479		78 Otis St	Cambridge		NRDIS; NRMRA;
CAM.477	Clark, Josias - Cummings, Daniel P. Rowhouse	80 Otis St	Cambridge	1861	NRDIS; NRMRA;
CAM.478	Clark, Josias - Cummings, Daniel P. Rowhouse	82 Otis St	Cambridge	1861	NRDIS; NRMRA;
CAM.461	Putnam School	86 Otis St	Cambridge	1889	NRDIS; NRMRA;
CAM.467	Deshon, Royal P. House	93 Otis St	Cambridge	1842	NRDIS; NRMRA;

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CAM.460		94 Otis St	Cambridge		NRDIS; NRMRA;
CAM.466		95-97 Otis St	Cambridge		NRDIS; NRMRA;
CAM.459		96 Otis St	Cambridge		NRDIS; NRMRA;
CAM.458		98 Otis St	Cambridge		NRDIS; NRMRA;
CAM.457	Taylor, Oliver House	100 Otis St	Cambridge	1848	NRDIS; NRMRA;
CAM.455	Adams, Jabez F. - Atwood, Samuel S. Rowhouse	102 Otis St	Cambridge	1848	NRDIS; NRMRA;
CAM.464	Bridgeman, John L. Double House	103-105 Otis St	Cambridge	1843	NRDIS; NRMRA;
CAM.456	Adams, Jabez F. - Atwood, Samuel S. Rowhouse	104 Otis St	Cambridge	1848	NRDIS; NRMRA;
CAM.454		106-108 Otis St	Cambridge		NRDIS; NRMRA;
CAM.463		107-109 Otis St	Cambridge		NRDIS; NRMRA;
CAM.453		110 Otis St	Cambridge		NRDIS; NRMRA;
CAM.462		113 Otis St	Cambridge		NRDIS; NRMRA;
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.449		122 1/2-124 1/2 Otis St	Cambridge		
CAM.448	Dennison, James Double House	122-124 Otis St	Cambridge	1870	
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	NRIND; NRMRA;
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	NRDIS; NRMRA;
CAM.276	Urban Rowhouses	30-38 Pearl St	Cambridge	1874	NRIND; NRMRA;
CAM.277	Urban Rowhouses	40-50 Pearl St	Cambridge	1875	NRIND; NRMRA;
CAM.9056	Celebrating the Marshland	45 Pearl St	Cambridge	1984	
CAM.278	Valentine Soap Workers' Cottage	101 Pearl St	Cambridge	1835	NRIND; NRMRA;
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		NRDIS; NRMRA; LHD;
CAM.280		5 Phillips Pl	Cambridge	C 1845	NRDIS; NRMRA; LHD;
CAM.281		7 Phillips Pl	Cambridge	1898	NRDIS; NRMRA; LHD;
CAM.282		9 Phillips Pl	Cambridge	R 1870	NRDIS; NRMRA; LHD;
CAM.9063	Park Bench Group	Pine St	Cambridge	1985	
CAM.1180	Harvard Crimson Newspaper Office	14-18 Plympton St	Cambridge	1915	NRDIS; NRMRA;
CAM.1181	Crimson Building Annex	22 Plympton St	Cambridge	1961	NRDIS; NRMRA;
CAM.1182	Adams House Dining Hall	28 Plympton St	Cambridge	1930	NRDIS; NRMRA;
CAM.1183	Russell Hall	28 Plympton St	Cambridge	1931	NRDIS; NRMRA;
CAM.1184	Russell Hall	30-30A Plympton St	Cambridge	1887	NRDIS; NRMRA;
CAM.1207	Quincy House - Harvard University	58 Plympton St	Cambridge	1958	NRDIS; NRMRA;
CAM.1208	Mather Hall - Harvard University	68-88 Plympton St	Cambridge	1930	NRDIS; NRMRA;
CAM.1209		101-103 Plympton St	Cambridge	1870	NRDIS; NRMRA;

Inv. No.	Property Name	Street	Town	Year	Designations
CAM.1382	Brooks Apartments - Winthrop, John Chambers	78-80 Porter Rd	Cambridge	1915	
CAM.283	Willis, Stillman House	1 Potter Park	Cambridge	1839	NRIND; NRMRA;
CAM.1401	Volpe Center - High Rise Laboratory	2 Potter St	Cambridge	C 1965	
CAM.1403	Volpe Center - Space Guidance Building	2 Potter St	Cambridge	C 1965	
CAM.1404	Volpe Center - Space Optics Building	2 Potter St	Cambridge	C 1965	
CAM.284	Saunders, William House	6 Prentiss St	Cambridge	1843	NRIND; NRMRA;
CAM.1352	Beck - Warren House	1 Prescott St	Cambridge	1833	NRIND; NRMRA;
CAM.285	Littlefield, Joseph - Roberts, Orrin House	16 Prescott St	Cambridge	1873	NRIND; NRMRA;
CAM.291	Carpenter Center for the Visual Arts	19 Prescott St	Cambridge	1963	NRIND;
CAM.582	New England Gas and Electric Association I Bldg	45 Prospect St	Cambridge	1960	NRDIS; NRMRA; NRDIS;
CAM.286	Prospect Congregational Church	99 Prospect St	Cambridge	1851	NRIND; NRMRA;
CAM.287	Baldwin, Maria House	196 Prospect St	Cambridge	R 1845	NRIND; NHL;
CAM.288	Sands, Hiram House	22 Putnam Ave	Cambridge	1848	NRIND; PR;
CAM.9090	King, Martin Luther Memorial	100 Putnam Ave	Cambridge	1971	
CAM.293	Harvard Union	Quincy St	Cambridge	1900	NRIND; NRMRA;
CAM.986	Harvard University - Hallowell Gate	10 Quincy St	Cambridge	1928	NRDOE; LHD; NRDIS; NRMRA;
CAM.289	Dana, Richard Henry - Palmer, George Herbert House	12-16 Quincy St	Cambridge	1822	NRIND; NRMRA;
CAM.1213	Harvard University - President's House	17 Quincy St	Cambridge	1911	NRDOE; LHD; NRDIS; NRMRA;
CAM.952	Harvard University - Quincy Street Gate	17 Quincy St	Cambridge	1936	NRDOE; LHD; NRDIS; NRMRA;
CAM.290	Fogg Art Museum	26-32 Quincy St	Cambridge	1925	NRIND; NRMRA;
CAM.292	Church of the New Jerusalem	50 Quincy St	Cambridge	1903	NRIND; NRMRA; LL;
CAM.1266		60 Raymond St	Cambridge	1927	NRDIS; NRMRA;
CAM.1411	Langer, William Leonard and Susanne House	72 Raymond St	Cambridge	1927	
CAM.298	Mason, W. A. House	87 Raymond St	Cambridge	1846	NRIND; NRMRA;
CAM.299	Stickney, N. U. - Shepard, S. P. Double House	11-13 Remington St	Cambridge	1846	NRIND; NRMRA;
CAM.300	Hooper, Edward W. - Eliot, Rev. Samuel A. House	25-27 Reservoir Rd	Cambridge	1872	NRIND; NRMRA; PR;
CAM.301	Wright, Samuel J. House	59 Rice St	Cambridge	1847	NRIND; NRMRA;
CAM.327	Hews Pottery Company Carriage House	202 Richdale Ave	Cambridge	1897	
CAM.302	Kidder - Sargent - McCrehan House	146 Rindge Ave	Cambridge	1792	NRIND; NRMRA;
CAM.303	Wyeth Brickyard Superintendent's House	336 Rindge Ave	Cambridge	C 1848	NRIND; NRMRA;
CAM.9088	Athena	River Ct	Cambridge	1988	
CAM.923	River Street Bridge	River St	Cambridge	1926	NRDIS;
CAM.304	Urban Rowhouses	26-32 River St	Cambridge	1860	NRIND; NRMRA;
CAM.330	Ricker, George and Jerediah House	109-113 River St	Cambridge	1844	LL;
CAM.305	River Street Firehouse	176 River St	Cambridge	1890	NRIND; NRMRA;
CAM.1211		11 Riverview Ave	Cambridge	1899	NRDIS; NRMRA;
CAM.922	Boston University Bridge	Rt 2	Cambridge	1928	NRDIS;
CAM.306	Soule, Lawrence Porter House	11 Russell St	Cambridge	1879	NRIND; NRMRA;
CAM.307	Wood, James A. House	3 Sacramento St	Cambridge	1888	NRIND; NRMRA;
CAM.1239	Winthrop Hall - Episcopal Theological School	Saint John's Rd	Cambridge	1892	NRDIS; NRMRA; LHD;
CAM.529		6-8 Salem St	Cambridge	C 1829	NRDIS; NRMRA;
CAM.530		10 Salem St	Cambridge	C 1840	NRDIS; NRMRA;
CAM.531		15 Salem St	Cambridge	C 1841	NRDIS; NRMRA;
CAM.415	Hastings, Deborah House	72 Sciarappa St	Cambridge	1823	NRDIS; NRMRA;
CAM.416		74 Sciarappa St	Cambridge		NRDIS; NRMRA;
CAM.401	Pendexter, Charles House	80-82 Sciarappa St	Cambridge	1847	NRDIS; NRMRA;
CAM.1321	Boston Museum of Science	Science Park	Cambridge	1951	NRDIS;
CAM.1322	Hayden Planetarium	Science Park	Cambridge	1958	NRDIS;
CAM.770		2 Scott St	Cambridge	1889	NRDIS; NRMRA;
CAM.771	Thaxter, Roland House	7 Scott St	Cambridge	1891	NRDIS; NRMRA;
CAM.772		8 Scott St	Cambridge	1889	NRDIS; NRMRA;
CAM.773		11 Scott St	Cambridge	1893	NRDIS; NRMRA;
CAM.774		12 Scott St	Cambridge	1894	NRDIS; NRMRA;
CAM.775		14 Scott St	Cambridge	1927	NRDIS; NRMRA;
CAM.776		18 Scott St	Cambridge	1928	NRDIS; NRMRA;

Inv. No.	Property Name	Street	Town	Year	Designations
CAM.9071	East Cambridge 1852	Second St	Cambridge	1988	
CAM.375	Roby, Ebenezer Rowhouse	30 Second St	Cambridge	1836	NRDIS; NRMRA;
CAM.376	Roby, Ebenezer Rowhouse	32 Second St	Cambridge	1836	NRDIS; NRMRA;
CAM.377	Roby, Ebenezer Rowhouse	34 Second St	Cambridge	1836	NRDIS; NRMRA;
CAM.364	Hall, Jesse Rowhouse	36 Second St	Cambridge	1842	NRDIS; NRMRA;
CAM.365	Hall, Jesse Rowhouse	38 Second St	Cambridge	1842	NRDIS; NRMRA;
CAM.366	Hall, Jesse Rowhouse	40 Second St	Cambridge	1842	NRDIS; NRMRA;
CAM.367	Hall, Jesse Rowhouse	42 Second St	Cambridge	1842	NRDIS; NRMRA;
CAM.368	Hall, Jesse Rowhouse	44 Second St	Cambridge	1842	NRDIS; NRMRA;
CAM.369	Hall, Jesse Rowhouse	46 Second St	Cambridge	1842	NRDIS; NRMRA;
CAM.370		50 Second St	Cambridge		NRDIS; NRMRA;
CAM.308	American Net and Twine Company Factory	155R Second St	Cambridge	1875	NRIND; NRMRA;
CAM.777		1 Shady Hill Sq	Cambridge	1915	NRDIS; NRMRA;
CAM.778		2-3 Shady Hill Sq	Cambridge	1915	NRDIS; NRMRA;
CAM.779		4-5 Shady Hill Sq	Cambridge	1915	NRDIS; NRMRA;
CAM.780		6-7 Shady Hill Sq	Cambridge	1915	NRDIS; NRMRA;
CAM.781		8-9 Shady Hill Sq	Cambridge	1915	NRDIS; NRMRA;
CAM.782		10-11 Shady Hill Sq	Cambridge	1915	NRDIS; NRMRA;
CAM.783		12 Shady Hill Sq	Cambridge	1915	NRDIS; NRMRA;
CAM.309	Eliot Hall	51 Shepard St	Cambridge	1907	NRIND; NRMRA;
CAM.310	Bertram Hall	53 Shepard St	Cambridge	1901	NRIND; NRMRA;
CAM.311	Watson, Abraham Jr. House	181-183 Sherman St	Cambridge	C 1750	NRIND; NRMRA;
CAM.506	Sacred Heart Roman Catholic Church	39 Sixth St	Cambridge	1874	NRDIS; NRMRA;
CAM.431		40 Sixth St	Cambridge		
CAM.508	Sacred Heart Roman Catholic Church Rectory	49 Sixth St	Cambridge	1885	NRDIS; NRMRA;
CAM.927	Eliot Bridge	Soldier's Field Rd	Cambridge	1950	NRDIS;
CAM.1210	Bryan Hall - Harvard University	14-24 South St	Cambridge	1930	NRDIS; NRMRA;
CAM.312	Stedman, Samuel House	17 South St	Cambridge	1826	NRDIS; NRMRA;
CAM.1185	Harvard Advocate Building	21 South St	Cambridge	1956	NRDIS; NRMRA;
CAM.313	Dodge, Edward House	70 Sparks St	Cambridge	1878	NRIND; NRMRA;
CAM.325	Harugari Hall	154 Spring St	Cambridge	1873	
CAM.1186		4-6 Story St	Cambridge	1966	NRDIS; NRMRA;
CAM.1187		8-12 Story St	Cambridge	1969	NRDIS; NRMRA;
CAM.1188		14-16 Story St	Cambridge	1970	NRDIS; NRMRA;
CAM.353	Blake and Knowles Core Shop #1	Third St	Cambridge	C 1889	
CAM.354	Blake and Knowles Core Shop #2	Third St	Cambridge	C 1890	
CAM.505	Lechmere Point Corporation Row House	25 Third St	Cambridge	C 1821	NRDIS; NRMRA;
CAM.381	Rollins, John W. Rowhouse	83 Third St	Cambridge	1860	NRDIS; NRMRA;
CAM.382	Rollins, John W. Rowhouse	85 Third St	Cambridge	1860	NRDIS; NRMRA;
CAM.383	Rollins, John W. Rowhouse	87 Third St	Cambridge	1860	NRDIS; NRMRA;
CAM.384	Rollins, John W. Rowhouse	89 Third St	Cambridge	1860	NRDIS; NRMRA;
CAM.331	Old Middlesex County Superior Courthouse	90 Third St	Cambridge	1814	NRDOE; NRDIS; NRMRA;
CAM.385	Rollins, John W. Rowhouse	91 Third St	Cambridge	1860	NRDIS; NRMRA;
CAM.386	Rollins, John W. Rowhouse	93 Third St	Cambridge	1860	NRDIS; NRMRA;
CAM.387	Rollins, John W. Rowhouse	95 Third St	Cambridge	1860	NRDIS; NRMRA;
CAM.314	Holy Cross Polish National Catholic Church	99 Third St	Cambridge	1827	NRDIS; NRMRA;
CAM.315	Bottle House Block	204-214 Third St	Cambridge	1826	NRIND; NRMRA;
CAM.350	Blake and Knowles Machine Shop #1	265 Third St	Cambridge	1889	NRDIS;
CAM.351	Blake and Knowles Office Headhouse	265 Third St	Cambridge	1892	NRDIS;
CAM.355	Blake and Knowles Smith Shop and Brass Foundry	275 Third St	Cambridge	C 1890	NRDIS; PR;
CAM.326	Cambridge Gas Light Company Purifying Plant	354 Third St	Cambridge	1908	
CAM.9070	Eagle	43-47 Thorndike St	Cambridge	1870	NRDIS; NRMRA;
CAM.388	Stevens, Atherton H. Rowhouse	59 Thorndike St	Cambridge	1827	NRDIS; NRMRA;
CAM.395	Smallidge, Samuel House	66 Thorndike St	Cambridge	1827	NRDIS; NRMRA;
CAM.389	Bates, Moses Jr. House	69 Thorndike St	Cambridge	1844	NRDIS; NRMRA;

Inv. No.	Property Name	Street	Town	Year	Designations
CAM.396	Buck, Silas B. House	70 Thorndike St	Cambridge	1845	NRDIS; NRMRA;
CAM.390	Tufts, Sophia Kimball Double House	71-73 Thorndike St	Cambridge	1857	NRDIS; NRMRA;
CAM.397	Wellington, Peter House	74 Thorndike St	Cambridge	1843	NRDIS; NRMRA;
CAM.391		75 Thorndike St	Cambridge		NRDIS; NRMRA;
CAM.398		76 Thorndike St	Cambridge		NRDIS; NRMRA;
CAM.392		77 Thorndike St	Cambridge		NRDIS; NRMRA;
CAM.399		78 Thorndike St	Cambridge		NRDIS; NRMRA;
CAM.393		79-81 Thorndike St	Cambridge		NRDIS; NRMRA;
CAM.400		80 Thorndike St	Cambridge		NRDIS; NRMRA;
CAM.394		83 Thorndike St	Cambridge		NRDIS; NRMRA;
CAM.402	Stickney, Francis H. - Davies, Benjamin Rowhouse	84 Thorndike St	Cambridge	1867	NRDIS; NRMRA;
CAM.417	Clark, Cornelius - Kneeland, W. W. House	85 Thorndike St	Cambridge	1822	NRDIS; NRMRA;
CAM.403	Stickney, Francis H. - Davies, Benjamin Rowhouse	86 Thorndike St	Cambridge	1867	NRDIS; NRMRA;
CAM.404	Stickney, Francis H. - Davies, Benjamin Rowhouse	88 Thorndike St	Cambridge	1867	NRDIS; NRMRA;
CAM.418		89-91 Thorndike St	Cambridge		NRDIS; NRMRA;
CAM.405	Stickney, Francis H. - Davies, Benjamin Rowhouse	90 Thorndike St	Cambridge	1867	NRDIS; NRMRA;
CAM.406	Stickney, Francis H. - Davies, Benjamin Rowhouse	92 Thorndike St	Cambridge	1867	NRDIS; NRMRA;
CAM.419	Whitacre, Celeste I. Rowhouse	93 Thorndike St	Cambridge	1885	NRDIS; NRMRA;
CAM.407	Stickney, Francis H. - Davies, Benjamin Rowhouse	94 Thorndike St	Cambridge	1867	NRDIS; NRMRA;
CAM.420	Whitacre, Celeste I. Rowhouse	95 Thorndike St	Cambridge	1885	NRDIS; NRMRA;
CAM.408	Train, Isaac House	96 Thorndike St	Cambridge	1826	NRDIS; NRMRA;
CAM.421	Whitacre, Celeste I. Rowhouse	97 Thorndike St	Cambridge	1885	NRDIS; NRMRA;
CAM.422	Davies, Daniel House	97 1/2 Thorndike St	Cambridge	1843	NRDIS; NRMRA;
CAM.409		98 Thorndike St	Cambridge		NRDIS; NRMRA;
CAM.423		99 Thorndike St	Cambridge		NRDIS; NRMRA;
CAM.424	Daniels, Granville W. House	101 Thorndike St	Cambridge	1868	NRDIS; NRMRA;
CAM.410		102 Thorndike St	Cambridge		NRDIS; NRMRA;
CAM.411	Spare, Elijah Jr. Double House	104-106 Thorndike St	Cambridge	1846	NRDIS; NRMRA;
CAM.425	Eaton, Charles House	109 Thorndike St	Cambridge	1857	NRDIS; NRMRA;
CAM.412	Quimby, Amos House	110 Thorndike St	Cambridge	1857	NRDIS; NRMRA;
CAM.426		111-113 Thorndike St	Cambridge		NRDIS; NRMRA;
CAM.413	Stickney, Francis H. Double House	112-114 Thorndike St	Cambridge	1863	NRDIS; NRMRA;
CAM.427		113 1/2 Thorndike St	Cambridge		NRDIS; NRMRA;
CAM.414	Bacon, Henry A. House	116 Thorndike St	Cambridge	1865	NRDIS; NRMRA;
CAM.507	Sacred Heart Roman Catholic School and Convent	163 Thorndike St	Cambridge	1902	NRDIS; NRMRA;
CAM.316	Craigie Arms	2-6 University Rd	Cambridge	1897	NRIND; NRMRA;
CAM.317	Wyeth, Jacob - Smith, Ebenezer House	152 Vassal Ln	Cambridge	1820	NRIND; NRMRA;
CAM.9084	M. I. T. - Invaders	37 Vassar St	Cambridge	1981	
CAM.360	Metropolitan Supply Company Warehouse	269 Vassar St	Cambridge	1948	LHD;
CAM.361	Hovey, F. A. and Company Warehouse	271-275 Vassar St	Cambridge	C 1940	LHD;
CAM.362	Metropolitan Supply Company Warehouse	277-287 Vassar St	Cambridge	1939	LHD;
CAM.363	Metropolitan Supply Company Warehouse	289-293 Vassar St	Cambridge	1939	LHD;
CAM.9034	Young Man and Retriever	304 Vassar St	Cambridge		
CAM.9024	M. I. T. - Figure Decoupee	Wadsworth St	Cambridge	1963	
CAM.989	Walden Street Cattle Pass	Walden St	Cambridge	1857	NRIND; NRMRA;
CAM.1283	Bennink - Douglas Double Cottage	35-37 Walker St	Cambridge	1874	NRDIS; NRMRA;
CAM.1284	Bennink - Douglas Double Cottage	39-41 Walker St	Cambridge	1874	NRDIS; NRMRA;
CAM.1285	Bennink - Douglas Double Cottage	43-45 Walker St	Cambridge	1874	NRDIS; NRMRA;
CAM.1286	Bennink - Douglas Double Cottage	49-51 Walker St	Cambridge	1874	NRDIS; NRMRA;
CAM.1034	Sands, Orrin E. House	2 Walnut Ave	Cambridge	1911	NRDIS; NRMRA;
CAM.1032		4 Walnut Ave	Cambridge	1878	NRDIS; NRMRA;
CAM.1033	Niles, Jacob Harris House	6 Walnut Ave	Cambridge	1884	NRDIS; NRMRA;
CAM.1031	Niles, Eugene M. House	9 Walnut Ave	Cambridge	1887	NRDIS; NRMRA;
CAM.318	Stanstead, The	19 Ware St	Cambridge	1887	NRIND; NRMRA;
CAM.799	Ritchie, David House	26 Washington Ave	Cambridge	1889	NRDIS; NRMRA;

Inv. No.	Property Name	Street	Town	Year	Designations
CAM.793	Brown, Laura House	27 Washington Ave	Cambridge	1908	NRDIS; NRMRA;
CAM.794	Mellen, James House	33 Washington Ave	Cambridge	1887	NRDIS; NRMRA;
CAM.795	Kelley, Stillman F. House	49 Washington Ave	Cambridge	1887	NRDIS; NRMRA;
CAM.1000	Boardman, Charles House	58 Washington Ave	Cambridge	1880	NRDIS; NRMRA;
CAM.797	Mansfield, Gardiner House	63 Washington Ave	Cambridge	1873	NRDIS; NRMRA;
CAM.798	Green, Charles G. House	71 Washington Ave	Cambridge	1877	NRDIS; NRMRA;
CAM.1001	Boynton, Morris House	78 Washington Ave	Cambridge	C 1874	NRDIS; NRMRA;
CAM.319	Melendy, Henry J. House	81 Washington Ave	Cambridge	1871	NRDIS; NRMRA;
CAM.1002		86-88 Washington Ave	Cambridge	1870	NRDIS; NRMRA;
CAM.1003		92 Washington Ave	Cambridge	1876	NRDIS; NRMRA;
CAM.1004	Hutchins, Elizabeth House	108 Washington Ave	Cambridge	1924	NRDIS; NRMRA;
CAM.541	Whittemore, Rev. Thomas Double House	271-273 Washington St	Cambridge	1837	NRDIS; NRMRA;
CAM.540	Whittemore, Rev. Thomas Double House	288 Washington St	Cambridge	1837	NRDIS; NRMRA;
CAM.539	Paige, Rev. Lucius R. House	296 Washington St	Cambridge	1837	NRDIS; NRMRA;
CAM.346		1 Waterhouse St	Cambridge	1916	NRDIS; LHD; NRDIS; NRMRA;
CAM.320	Vassall - Waterhouse - Ware House	7 Waterhouse St	Cambridge	C 1753	NRDIS; LHD; NRDIS; NRMRA;
CAM.347		9 Waterhouse St	Cambridge	1887	NRDIS; LHD; NRDIS; NRMRA;
CAM.335	Christian Science Church	13 Waterhouse St	Cambridge	1923	NRDIS; LHD; NRDIS; NRMRA;
CAM.9085	Fort Washington - Fort Washington Park Entrance	Waverly St	Cambridge		LHD;
CAM.9086	Fort Washington - Revolutionary Figures - Contemplating Revolution	Waverly St	Cambridge	1986	LHD;
CAM.988	Fort Washington	95 Waverly St	Cambridge		NRIND; LHD; PR;
CAM.9062	Central Square	Western Ave	Cambridge	1977	
CAM.924	Western Avenue Bridge	Western Ave	Cambridge	1924	NRDIS;
CAM.638	Cambridge Police Headquarters	5 Western Ave	Cambridge	1933	NRDIS; NRMRA; NRDIS;
CAM.948	Central Square Park	22 Western Ave	Cambridge	1987	NRDIS; NRMRA; NRDIS;
CAM.321	Read, Cheney House	135 Western Ave	Cambridge	1846	NRIND; NRMRA;
CAM.323	Hasey, Abraham - Wheat, Dr. Samuel House	8 Willard St	Cambridge	C 1730	NRDIS; NRMRA; LHD;
CAM.514	Hixon, Edward House	3 William St	Cambridge	1857	NRDIS; NRMRA;
CAM.9067	Tot Lot Village	Willow St	Cambridge	1987	
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	R 1855	NRDIS; NRMRA;
CAM.492		21 Winter St	Cambridge	C 1854	NRDIS; NRMRA;
CAM.486	Leighton, Thomas H. House	22 Winter St	Cambridge	1833	NRDIS; NRMRA;
CAM.491		24 Winter St	Cambridge	C 1854	NRDIS; NRMRA;
CAM.493		25 Winter St	Cambridge	C 1854	NRDIS; NRMRA;
CAM.494		27 Winter St	Cambridge	C 1854	NRDIS; NRMRA;
CAM.496		28-30 Winter St	Cambridge	C 1854	NRDIS; NRMRA;
CAM.495		29 Winter St	Cambridge	C 1854	NRDIS; NRMRA;
CAM.497		31-33 Winter St	Cambridge	C 1854	NRDIS; NRMRA;
CAM.501		34-42 Winter St	Cambridge	R 1875	NRDIS; NRMRA;
CAM.498		61 Winter St	Cambridge	C 1854	NRDIS; NRMRA;
CAM.499		65 Winter St	Cambridge	C 1854	NRDIS; NRMRA;
CAM.489	Stevens, Atherton Haugh House	67 Winter St	Cambridge	1843	NRDIS; NRMRA;
CAM.490	Stevens, Atherton Haugh House	71 Winter St	Cambridge	1843	NRDIS; NRMRA;
CAM.487	Stevens, Atherton Haugh House	74 Winter St	Cambridge	1838	NRDIS; NRMRA;
CAM.1344		75 Winter St	Cambridge		NRDIS; NRMRA;
CAM.1345	Stevens, Atherton Haugh House	77 Winter St	Cambridge	1838	NRDIS; NRMRA;
CAM.488	Stevens, Atherton Haugh House	79 Winter St	Cambridge	1838	NRDIS; NRMRA;
CAM.1189	Metcalf, Lydia House	41 Winthrop St	Cambridge	1845	NRDIS; NRMRA;
CAM.1190		65-67 Winthrop St	Cambridge	1887	NRDIS; NRMRA;
CAM.1191	University Lutheran Church	66 Winthrop St	Cambridge	1950	NRDIS; NRMRA;
CAM.1192		69 Winthrop St	Cambridge	R 1835	NRDIS; NRMRA;

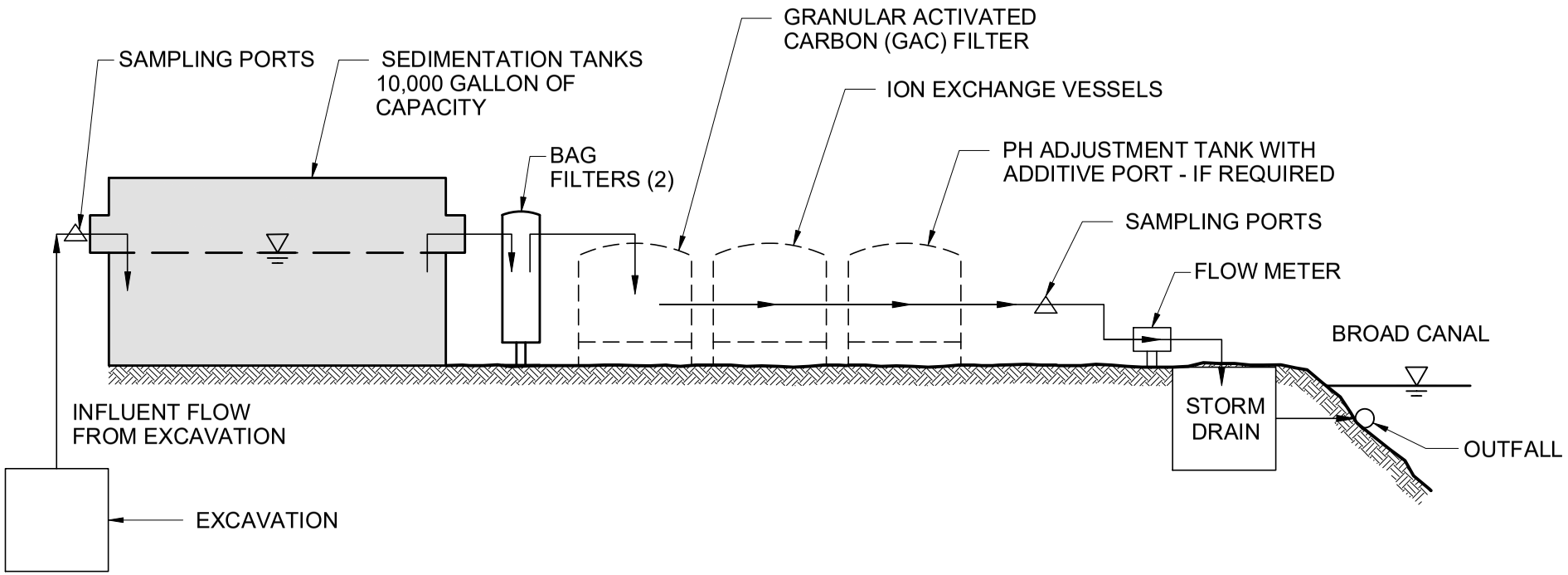
Inv. No.	Property Name	Street	Town	Year	Designations
CAM.1193	Pi Eta Club	89 Winthrop St	Cambridge	R 1908	NRDIS; NRMRA; PR;
CAM.1194	Pi Eta Hall	95 Winthrop St	Cambridge	R 1896	NRDIS; NRMRA;
CAM.1195	Hyde, Isaac - Taylor House	96 Winthrop St	Cambridge	1845	NRDIS; NRMRA; LL;
CAM.329	Cox - Hicks House	98 Winthrop St	Cambridge	C 1806	NRDIS; NRMRA; LL;
CAM.951	Winthrop Street Retaining Wall	98 Winthrop St	Cambridge	C 1725	NRDIS; NRMRA;
CAM.1196	Dame School	106 Winthrop St	Cambridge	C 1800	NRDIS; NRMRA;
CAM.909	Yerxa Street Pedestrian Subway	Yerxa St	Cambridge	1904	
CAM.1391	Saint Patrick's Roman Catholic Church	40-50 York St	Cambridge		

National Register of Historic Places

Public, non-restricted data depicting National Register spatial data processed by the Cultural Resources GIS facility. Last minor update, September 2020.

National Park Service
U.S. Department of the Interior

FILE NAME: N:\Acad\JOBS\5210\RGP\5210-F04rev2.dwg



TREATMENT SYSTEM SCHEMATIC
NOTICE OF INTENT
585 THIRD STREET PROJECT
CAMBRIDGE, MASSACHUSETTS

Appendix D

Groundwater Results

con-test®
A Pace Analytical® Laboratory

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

March 3, 2022

Jamie Greacen
Tetra Tech - NH
5 Industrial Way
Salem, NH 03079

Project Location: Kendall Square Cambridge MA
Client Job Number:
Project Number: 112C08712
Laboratory Work Order Number: 22B0718

Enclosed are results of analyses for samples as received by the laboratory on February 11, 2022. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matthew J Beaupre
Project Manager

Table of Contents

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

Tetra Tech - NH
5 Industrial Way
Salem, NH 03079
ATTN: Jamie Greacen

REPORT DATE: 3/3/2022

PURCHASE ORDER NUMBER: 1186370

PROJECT NUMBER: 112C08712

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 22B0718

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

PROJECT LOCATION: Kendall Square Cambridge MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
PC-GW01-02102022	22B0718-01	Ground Water		-	MA M-MA-086/CT PH-0574/NY11148
				4500CN-CE	MA M-MA-086/CT PH-0574/NY11148
				624.1	
				625.1	
				EPA 1664B	
				EPA 200.7	
				EPA 200.8	
				EPA 245.1	
				EPA 300.0	
				EPA 504.1	
				SM 21-23 5310B	
				SM19-23 4500 NH3 C	
				SM21-23 2540D	
				SM21-23 3500 Cr B	
				SM21-23 4500 CL G	
				SM21-23 4500 H B	
				Tri Chrome Calc.	

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

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

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

624.1

Qualifications:

RL-13

Elevated reporting limit due to high concentration of non-target compounds.

Analyte & Samples(s) Qualified:

22B0718-01[PC-GW01-02102022]

625.1

Qualifications:

B

Analyte is found in the associated laboratory blank as well as in the sample.

Analyte & Samples(s) Qualified:

Pentachlorophenol (SIM)
22B0718-01[PC-GW01-02102022], B301219-BLK2

MS-12

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Phenol
22B0718-01[PC-GW01-02102022], B301089-MS1, B301089-MSD1

MS-19

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Naphthalene
B301089-MS1, B301089-MSD1

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

2,4-Dimethylphenol
B301089-MSD1

2-Methylphenol
B301089-MS1

3/4-Methylphenol
B301089-MS1

RL-12

Elevated reporting limit due to matrix interference.

Analyte & Samples(s) Qualified:

22B0718-01[PC-GW01-02102022]

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

2,4,6-Tribromophenol
22B0718-01RE2[PC-GW01-02102022]

2-Fluorobiphenyl
22B0718-01RE2[PC-GW01-02102022]

2-Fluorophenol
22B0718-01RE2[PC-GW01-02102022]

Nitrobenzene-d5
22B0718-01RE2[PC-GW01-02102022]

Phenol-d6
22B0718-01RE2[PC-GW01-02102022]

p-Terphenyl-d14
22B0718-01RE2[PC-GW01-02102022]

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V-04

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

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol
B301089-BLK1, B301089-BS1, B301089-BSD1, S068322-CCV1

Benzidine
S068322-CCV1, S068347-CCV1

V-05

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

Analyte & Samples(s) Qualified:

Benzidine
S068322-CCV1, S068347-CCV1

N-Nitrosodimethylamine
S068322-CCV1

V-35

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

Analyte & Samples(s) Qualified:

Benzidine
S068322-CCV1, S068347-CCV1

SM21-23 3500 Cr B

Qualifications:

H-09

Sample received by laboratory with insufficient time remaining to perform analysis within the recommended holding time.

Analyte & Samples(s) Qualified:

Hexavalent Chromium
22B0718-01[PC-GW01-02102022], B301032-MS1, B301032-MSD1

SM21-23 4500 CL G

Qualifications:

H-09

Sample received by laboratory with insufficient time remaining to perform analysis within the recommended holding time.

Analyte & Samples(s) Qualified:

Chlorine, Residual
22B0718-01[PC-GW01-02102022]

SM21-23 4500 H B

Qualifications:

H-05

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

Analyte & Samples(s) Qualified:

pH
22B0718-01[PC-GW01-02102022]

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The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Technical Representative

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

Project Location: Kendall Square Cambridge MA | Sample Description: | Work Order: 22B0718

Date Received: 2/11/2022

Field Sample #: PC-GW01-02102022 | Sampled: 2/10/2022 16:00

Sample ID: 22B0718-01

Sample Matrix: Ground Water

Sample Flags: RL-13

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	<203	5000	203	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
tert-Amyl Methyl Ether (TAME)	<14.3	50.0	14.3	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
Benzene	3450	100	20.0	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
tert-Butyl Alcohol (TBA)	<469	2000	469	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
Carbon Tetrachloride	<16.5	200	16.5	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
1,2-Dichlorobenzene	<12.2	200	12.2	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
1,3-Dichlorobenzene	<11.8	200	11.8	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
1,4-Dichlorobenzene	<13.0	200	13.0	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
1,2-Dichloroethane	<30.8	200	30.8	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
cis-1,2-Dichloroethylene	<14.7	100	14.7	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
1,1-Dichloroethane	<14.2	200	14.2	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
1,1-Dichloroethylene	<14.1	200	14.1	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
1,4-Dioxane	<2060	5000	2060	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
Ethanol	<2650	5000	2650	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
Ethylbenzene	1910	200	21.5	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
Methyl tert-Butyl Ether (MTBE)	<17.2	200	17.2	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
Methylene Chloride	<23.5	500	23.5	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
Tetrachloroethylene	<18.7	200	18.7	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
Toluene	3400	100	22.4	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
1,1,1-Trichloroethane	<16.9	200	16.9	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
1,1,2-Trichloroethane	<18.3	200	18.3	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
Trichloroethylene	<18.9	200	18.9	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
Vinyl Chloride	<20.8	200	20.8	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
m+p Xylene	3120	200	45.9	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD
o-Xylene	1560	100	23.0	µg/L	100		624.1	2/15/22	2/15/22 20:12	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	91.7	70-130		2/15/22 20:12
Toluene-d8	96.5	70-130		2/15/22 20:12
4-Bromofluorobenzene	100	70-130		2/15/22 20:12

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Project Location: Kendall Square Cambridge MA Sample Description: Work Order: 22B0718

Date Received: 2/11/2022

Field Sample #: PC-GW01-02102022 Sampled: 2/10/2022 16:00

Sample ID: 22B0718-01

Sample Matrix: Ground Water

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Benzo(a)anthracene (SIM)	7.7	0.20	0.058	µg/L	4		625.1	2/14/22	2/16/22 20:14	IMR
Benzo(a)pyrene (SIM)	7.0	0.40	0.059	µg/L	4		625.1	2/14/22	2/16/22 20:14	IMR
Benzo(b)fluoranthene (SIM)	6.9	0.20	0.064	µg/L	4		625.1	2/14/22	2/16/22 20:14	IMR
Benzo(k)fluoranthene (SIM)	2.7	0.81	0.048	µg/L	4		625.1	2/14/22	2/16/22 20:14	IMR
Bis(2-ethylhexyl)phthalate (SIM)	<1.9	4.0	1.9	µg/L	4		625.1	2/14/22	2/16/22 20:14	IMR
Chrysene (SIM)	6.2	0.81	0.052	µg/L	4		625.1	2/14/22	2/16/22 20:14	IMR
Dibenz(a,h)anthracene (SIM)	0.86	0.40	0.075	µg/L	4		625.1	2/14/22	2/16/22 20:14	IMR
Indeno(1,2,3-cd)pyrene (SIM)	5.6	0.40	0.073	µg/L	4		625.1	2/14/22	2/16/22 20:14	IMR
Pentachlorophenol (SIM)	3.9	4.0	0.95	µg/L	4	J, B	625.1	2/14/22	2/16/22 20:14	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol (SIM)	36.6	15-110		2/16/22 20:14
Phenol-d6 (SIM)	29.9	15-110		2/16/22 20:14
Nitrobenzene-d5	60.2	30-130		2/16/22 20:14
2-Fluorobiphenyl	59.3	30-130		2/16/22 20:14
2,4,6-Tribromophenol (SIM)	86.4	15-110		2/16/22 20:14
p-Terphenyl-d14	77.8	30-130		2/16/22 20:14

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Project Location: Kendall Square Cambridge MA | Sample Description: | Work Order: 22B0718

Date Received: 2/11/2022

Field Sample #: PC-GW01-02102022 | Sampled: 2/10/2022 16:00

Sample ID: 22B0718-01

Sample Matrix: Ground Water

Sample Flags: RL-12

Semivolatile Organic Compounds by - GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	100	10.1	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
Acenaphthylene	45.4	10.1	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
Anthracene	19.2	10.1	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
Benzo(g,h,i)perylene	<10.1	10.1	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
Butylbenzylphthalate	<20.2	20.2	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
4-Chloro-3-methylphenol	<20.2	20.2	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
2-Chlorophenol	<20.2	20.2	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
Di-n-butylphthalate	<20.2	20.2	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
2,4-Dichlorophenol	<20.2	20.2	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
Diethylphthalate	<20.2	20.2	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
2,4-Dimethylphenol	338	202	µg/L	20		625.1	2/14/22	2/18/22 2:11	BGL
Dimethylphthalate	<20.2	20.2	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
4,6-Dinitro-2-methylphenol	<20.2	20.2	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
2,4-Dinitrophenol	<20.2	20.2	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
Di-n-octylphthalate	<20.2	20.2	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
Bis(2-Ethylhexyl)phthalate	<20.2	20.2	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
Fluoranthene	33.8	10.1	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
Fluorene	56.5	10.1	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
Naphthalene	6680	505	µg/L	100		625.1	2/14/22	2/18/22 2:43	BGL
2-Nitrophenol	<20.2	20.2	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
4-Nitrophenol	<20.2	20.2	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
Pentachlorophenol	<20.2	20.2	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
Phenanthrene	94.1	10.1	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
2-Methylphenol	281	202	µg/L	20		625.1	2/14/22	2/18/22 2:11	BGL
Phenol	180	20.2	µg/L	2	MS-12	625.1	2/14/22	2/16/22 21:29	BGL
3/4-Methylphenol	264	40.4	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
Pyrene	25.7	10.1	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL
2,4,6-Trichlorophenol	<20.2	20.2	µg/L	2		625.1	2/14/22	2/16/22 21:29	BGL

Surrogates	% Recovery		Recovery Limits	Flag/Qual	
2-Fluorophenol		*	15-110	S-01	2/18/22 2:43
2-Fluorophenol	42.3		15-110		2/16/22 21:29
2-Fluorophenol	40.4		15-110		2/18/22 2:11
Phenol-d6		*	15-110	S-01	2/18/22 2:43
Phenol-d6	28.7		15-110		2/16/22 21:29
Phenol-d6	25.5		15-110		2/18/22 2:11
Nitrobenzene-d5		*	30-130	S-01	2/18/22 2:43
Nitrobenzene-d5	92.9		30-130		2/16/22 21:29
Nitrobenzene-d5	61.8		30-130		2/18/22 2:11
2-Fluorobiphenyl		*	30-130	S-01	2/18/22 2:43
2-Fluorobiphenyl	70.8		30-130		2/16/22 21:29
2-Fluorobiphenyl	65.8		30-130		2/18/22 2:11
2,4,6-Tribromophenol		*	15-110	S-01	2/18/22 2:43
2,4,6-Tribromophenol	90.9		15-110		2/16/22 21:29
2,4,6-Tribromophenol	74.9		15-110		2/18/22 2:11
p-Terphenyl-d14		*	30-130	S-01	2/18/22 2:43
p-Terphenyl-d14	76.1		30-130		2/16/22 21:29
p-Terphenyl-d14	75.0		30-130		2/18/22 2:11

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Project Location: Kendall Square Cambridge MA Sample Description: Work Order: 22B0718

Date Received: 2/11/2022

Field Sample #: PC-GW01-02102022 Sampled: 2/10/2022 16:00

Sample ID: 22B0718-01

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	1.0		µg/L	1		EPA 200.8	2/23/22	2/24/22 17:12	MJH
Arsenic	3.4	0.80		µg/L	1		EPA 200.8	2/23/22	2/24/22 17:12	MJH
Cadmium	ND	0.20		µg/L	1		EPA 200.8	2/23/22	2/24/22 17:12	MJH
Chromium	7.3	1.0		µg/L	1		EPA 200.8	2/23/22	2/24/22 17:12	MJH
Chromium, Trivalent	0.0073			mg/L	1		Tri Chrome Calc.	2/23/22	2/24/22 17:12	MJH
Copper	3.7	1.0		µg/L	1		EPA 200.8	2/23/22	2/24/22 17:12	MJH
Iron	6.1	0.050		mg/L	1		EPA 200.7	2/28/22	2/28/22 17:07	QNW
Lead	5.3	0.50		µg/L	1		EPA 200.8	2/23/22	2/24/22 17:12	MJH
Mercury	ND	0.00010		mg/L	1		EPA 245.1	2/19/22	2/20/22 7:35	MJH
Nickel	ND	5.0		µg/L	1		EPA 200.8	2/23/22	2/24/22 17:12	MJH
Selenium	ND	5.0	0.95	µg/L	1		EPA 200.8	2/23/22	2/24/22 17:12	MJH
Silver	ND	0.20		µg/L	1		EPA 200.8	2/23/22	2/24/22 17:12	MJH
Zinc	ND	10		µg/L	1		EPA 200.8	2/23/22	2/24/22 17:12	MJH
Hardness	260	1.4		mg/L	1		EPA 200.7	2/28/22	2/28/22 17:07	JLC

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Project Location: Kendall Square Cambridge MA Sample Description: Work Order: 22B0718

Date Received: 2/11/2022

Field Sample #: PC-GW01-02102022 Sampled: 2/10/2022 16:00

Sample ID: 22B0718-01

Sample Matrix: Ground Water

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

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ammonia as N	3.4	0.30	0.18	mg/L	1		SM19-23 4500 NH3 C	2/17/22	2/18/22 10:30	EC
Chloride	55	5.0		mg/L	5		EPA 300.0	2/15/22	2/15/22 14:12	IS
Chlorine, Residual	ND	0.020		mg/L	1	H-09	SM21-23 4500 CL G	2/11/22	2/11/22 19:45	CB2
Hexavalent Chromium	ND	0.0040		mg/L	1	H-09	SM21-23 3500 Cr B	2/11/22	2/11/22 19:00	CB2
pH @19.8°C	6.8			pH Units	1	H-05	SM21-23 4500 H B	2/11/22	2/11/22 21:15	CB2
Sulfate	6.7	1.0		mg/L	1		EPA 300.0	2/12/22	2/12/22 14:05	EC
Total Organic Carbon	35	1.0		mg/L	1		SM 21-23 5310B	3/2/22	3/2/22 9:07	LL
Total Suspended Solids	59	2.8		mg/L	1		SM21-23 2540D	2/14/22	2/14/22 14:12	LL
Silica Gel Treated HEM (SGT-HEM)	ND	1.4		mg/L	1		EPA 1664B	2/15/22	2/15/22 10:10	LL

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Project Location: Kendall Square Cambridge MA Sample Description: Work Order: 22B0718

Date Received: 2/11/2022

Field Sample #: PC-GW01-02102022 Sampled: 2/10/2022 16:00

Sample ID: 22B0718-01

Sample Matrix: Ground Water

Drinking Water Organics EPA 504.1

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,2-Dibromoethane (EDB) (1)	ND	0.020	0.0086	µg/L	1		EPA 504.1	2/16/22	2/16/22 23:56	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,3-Dibromopropane (1)	112	70-130		2/16/22 23:56

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

Project Location: Kendall Square Cambridge MA Sample Description: Work Order: 22B0718

Date Received: 2/11/2022

Field Sample #: PC-GW01-02102022 Sampled: 2/10/2022 16:00

Sample ID: 22B0718-01

Sample Matrix: Ground Water

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

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	0.083	0.005	0.001	mg/L	1		4500CN-CE		2/16/22 11:14	AAL

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22B0718-01 [PC-GW01-02102022]	B301207	0.05	5.00	02/15/22

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22B0718-01 [PC-GW01-02102022]	B301089	990	1.00	02/14/22
22B0718-01RE1 [PC-GW01-02102022]	B301089	990	1.00	02/14/22
22B0718-01RE2 [PC-GW01-02102022]	B301089	990	1.00	02/14/22

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22B0718-01 [PC-GW01-02102022]	B301219	990	1.00	02/14/22

EPA 1664B

Lab Number [Field ID]	Batch	Initial [mL]		Date
22B0718-01 [PC-GW01-02102022]	B301181	990		02/15/22

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22B0718-01 [PC-GW01-02102022]	B302066	50.0	50.0	02/28/22
22B0718-01 [PC-GW01-02102022]	B302066	50.0		02/28/22

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22B0718-01 [PC-GW01-02102022]	B301956	50.0	50.0	02/23/22

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22B0718-01 [PC-GW01-02102022]	B301586	10.0	10.0	02/19/22

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22B0718-01 [PC-GW01-02102022]	B301061	10.0	10.0	02/12/22

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22B0718-01 [PC-GW01-02102022]	B301195	10.0	10.0	02/15/22

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Sample Extraction Data

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22B0718-01 [PC-GW01-02102022]	B301326	35.1	35.0	02/16/22

SM 21-23 5310B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22B0718-01 [PC-GW01-02102022]	B302208	50.0	50.0	03/02/22

Prep Method: SM 4500-NH3 C **Analytical Method: SM19-23 4500 NH3 C**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22B0718-01 [PC-GW01-02102022]	B301447	100	100	02/17/22

SM21-23 2540D

Lab Number [Field ID]	Batch	Initial [mL]	Date
22B0718-01 [PC-GW01-02102022]	B301081	180	02/14/22

SM21-23 3500 Cr B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22B0718-01 [PC-GW01-02102022]	B301032	50.0	50.0	02/11/22

SM21-23 4500 CL G

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
22B0718-01 [PC-GW01-02102022]	B301030	100	100	02/11/22

SM21-23 4500 H B

Lab Number [Field ID]	Batch	Initial [mL]	Date
22B0718-01 [PC-GW01-02102022]	B301040	50.0	02/11/22

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

Lab Number [Field ID]	Batch	Initial [mL]	Date
22B0718-01 [PC-GW01-02102022]	B301956	50.0	02/23/22

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B301207 - SW-846 5030B										
Blank (B301207-BLK1)				Prepared & Analyzed: 02/15/22						
Acetone	ND	50.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.500	µg/L							
Benzene	ND	1.00	µg/L							
tert-Butyl Alcohol (TBA)	ND	20.0	µg/L							
Carbon Tetrachloride	ND	2.00	µg/L							
1,2-Dichlorobenzene	ND	2.00	µg/L							
1,3-Dichlorobenzene	ND	2.00	µg/L							
1,4-Dichlorobenzene	ND	2.00	µg/L							
1,2-Dichloroethane	ND	2.00	µg/L							
cis-1,2-Dichloroethylene	ND	1.00	µg/L							
1,1-Dichloroethane	ND	2.00	µg/L							
1,1-Dichloroethylene	ND	2.00	µg/L							
1,4-Dioxane	ND	50.0	µg/L							
Ethanol	ND	50.0	µg/L							
Ethylbenzene	ND	2.00	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	2.00	µg/L							
Methylene Chloride	ND	5.00	µg/L							
Tetrachloroethylene	ND	2.00	µg/L							
Toluene	ND	1.00	µg/L							
1,1,1-Trichloroethane	ND	2.00	µg/L							
1,1,2-Trichloroethane	ND	2.00	µg/L							
Trichloroethylene	ND	2.00	µg/L							
Vinyl Chloride	ND	2.00	µg/L							
m+p Xylene	ND	2.00	µg/L							
o-Xylene	ND	1.00	µg/L							
Surrogate: 1,2-Dichloroethane-d4	*23.1*		µg/L	25.0		92.4	70-130			
Surrogate: Toluene-d8	*23.8*		µg/L	25.0		95.2	70-130			
Surrogate: 4-Bromofluorobenzene	*24.7*		µg/L	25.0		98.8	70-130			
LCS (B301207-BS1)				Prepared & Analyzed: 02/15/22						
Acetone	190	50.0	µg/L	200		96.0	70-160			†
tert-Amyl Methyl Ether (TAME)	21	0.500	µg/L	20.0		106	70-130			
Benzene	20	1.00	µg/L	20.0		100	65-135			
tert-Butyl Alcohol (TBA)	180	20.0	µg/L	200		91.0	40-160			†
Carbon Tetrachloride	23	2.00	µg/L	20.0		115	70-130			
1,2-Dichlorobenzene	19	2.00	µg/L	20.0		97.1	65-135			
1,3-Dichlorobenzene	20	2.00	µg/L	20.0		101	70-130			
1,4-Dichlorobenzene	19	2.00	µg/L	20.0		96.6	65-135			
1,2-Dichloroethane	22	2.00	µg/L	20.0		108	70-130			
cis-1,2-Dichloroethylene	22	1.00	µg/L	20.0		111	70-130			
1,1-Dichloroethane	22	2.00	µg/L	20.0		110	70-130			
1,1-Dichloroethylene	21	2.00	µg/L	20.0		107	50-150			
1,4-Dioxane	180	50.0	µg/L	200		89.5	40-130			†
Ethanol	190	50.0	µg/L	200		92.7	40-160			
Ethylbenzene	21	2.00	µg/L	20.0		104	60-140			
Methyl tert-Butyl Ether (MTBE)	21	2.00	µg/L	20.0		103	70-130			
Methylene Chloride	20	5.00	µg/L	20.0		98.2	60-140			
Tetrachloroethylene	23	2.00	µg/L	20.0		113	70-130			
Toluene	20	1.00	µg/L	20.0		102	70-130			
1,1,1-Trichloroethane	23	2.00	µg/L	20.0		113	70-130			
1,1,2-Trichloroethane	21	2.00	µg/L	20.0		106	70-130			
Trichloroethylene	22	2.00	µg/L	20.0		110	65-135			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B301207 - SW-846 5030B										
LCS (B301207-BS1)				Prepared & Analyzed: 02/15/22						
Vinyl Chloride	15	2.00	µg/L	20.0		75.8	5-195			
m+p Xylene	42	2.00	µg/L	40.0		105	70-130			
o-Xylene	21	1.00	µg/L	20.0		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	*23.0*		µg/L	25.0		92.2	70-130			
Surrogate: Toluene-d8	*24.1*		µg/L	25.0		96.6	70-130			
Surrogate: 4-Bromofluorobenzene	*25.2*		µg/L	25.0		101	70-130			
Matrix Spike (B301207-MS1)	**Source: 22B0718-01**			Prepared & Analyzed: 02/15/22						
Acetone	19000	5000	µg/L	20000	ND	93.9	70-130			
tert-Amyl Methyl Ether (TAME)	2100	50.0	µg/L	2000	ND	106	70-130			
Benzene	5200	100	µg/L	2000	3500	88.7	37-151			
tert-Butyl Alcohol (TBA)	17000	2000	µg/L	20000	ND	84.6	70-130			
Carbon Tetrachloride	2300	200	µg/L	2000	ND	113	70-140			
1,2-Dichlorobenzene	2000	200	µg/L	2000	ND	99.4	18-190			
1,3-Dichlorobenzene	2000	200	µg/L	2000	ND	101	59-156			
1,4-Dichlorobenzene	2000	200	µg/L	2000	ND	98.8	18-190			
1,2-Dichloroethane	2400	200	µg/L	2000	ND	118	49-155			
cis-1,2-Dichloroethylene	2200	100	µg/L	2000	ND	108	70-130			
1,1-Dichloroethane	2200	200	µg/L	2000	ND	111	59-155			
1,1-Dichloroethylene	2100	200	µg/L	2000	ND	107	20-234			
1,4-Dioxane	18000	5000	µg/L	20000	ND	90.6	70-130			
Ethanol	17000	5000	µg/L	20000	ND	84.5	70-130			
Ethylbenzene	4000	200	µg/L	2000	1900	102	37-162			
Methyl tert-Butyl Ether (MTBE)	2000	200	µg/L	2000	ND	102	70-130			
Methylene Chloride	2000	500	µg/L	2000	ND	99.4	20-221			
Tetrachloroethylene	2300	200	µg/L	2000	ND	113	64-148			
Toluene	5300	100	µg/L	2000	3400	96.8	47-150			
1,1,1-Trichloroethane	2300	200	µg/L	2000	ND	114	52-162			
1,1,2-Trichloroethane	2200	200	µg/L	2000	ND	110	52-150			
Trichloroethylene	2200	200	µg/L	2000	ND	111	70-157			
Vinyl Chloride	1500	200	µg/L	2000	ND	77.4	20-251			
m+p Xylene	7200	200	µg/L	4000	3100	102	70-130			
o-Xylene	3600	100	µg/L	2000	1600	103	70-130			
Surrogate: 1,2-Dichloroethane-d4	*22.5*		µg/L	25.0		89.9	70-130			
Surrogate: Toluene-d8	*24.2*		µg/L	25.0		97.0	70-130			
Surrogate: 4-Bromofluorobenzene	*25.4*		µg/L	25.0		102	70-130			
Matrix Spike Dup (B301207-MSD1)	**Source: 22B0718-01**			Prepared & Analyzed: 02/15/22						
Acetone	21000	5000	µg/L	20000	ND	106	70-130	11.8	30	
tert-Amyl Methyl Ether (TAME)	2200	50.0	µg/L	2000	ND	110	70-130	3.28	30	
Benzene	5200	100	µg/L	2000	3500	88.4	37-151	0.0957	61	
tert-Butyl Alcohol (TBA)	20000	2000	µg/L	20000	ND	98.8	70-130	15.5	30	
Carbon Tetrachloride	2300	200	µg/L	2000	ND	117	70-140	3.64	41	
1,2-Dichlorobenzene	2000	200	µg/L	2000	ND	99.2	18-190	0.151	57	
1,3-Dichlorobenzene	2000	200	µg/L	2000	ND	102	59-156	1.03	43	
1,4-Dichlorobenzene	2000	200	µg/L	2000	ND	99.0	18-190	0.152	57	
1,2-Dichloroethane	2100	200	µg/L	2000	ND	107	49-155	9.88	49	
cis-1,2-Dichloroethylene	2200	100	µg/L	2000	ND	111	70-130	2.47	30	
1,1-Dichloroethane	2200	200	µg/L	2000	ND	110	59-155	1.31	40	
1,1-Dichloroethylene	2200	200	µg/L	2000	ND	109	20-234	2.17	32	
1,4-Dioxane	20000	5000	µg/L	20000	ND	101	70-130	10.4	30	
Ethanol	18000	5000	µg/L	20000	ND	91.2	70-130	7.58	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B301207 - SW-846 5030B										
Matrix Spike Dup (B301207-MSD1)		**Source: 22B0718-01**		Prepared & Analyzed: 02/15/22						
Ethylbenzene	4000	200	µg/L	2000	1900	102	37-162	0.126	63	
Methyl tert-Butyl Ether (MTBE)	2100	200	µg/L	2000	ND	106	70-130	4.17	20	
Methylene Chloride	2000	500	µg/L	2000	ND	101	20-221	1.69	28	
Tetrachloroethylene	2200	200	µg/L	2000	ND	112	64-148	0.802	39	
Toluene	5300	100	µg/L	2000	3400	94.4	47-150	0.903	41	
1,1,1-Trichloroethane	2300	200	µg/L	2000	ND	116	52-162	1.78	36	
1,1,2-Trichloroethane	2200	200	µg/L	2000	ND	110	52-150	0.0455	45	
Trichloroethylene	2300	200	µg/L	2000	ND	114	70-157	2.72	48	
Vinyl Chloride	1600	200	µg/L	2000	ND	78.6	20-251	1.60	66	
m+p Xylene	7200	200	µg/L	4000	3100	103	70-130	0.569	20	
o-Xylene	3600	100	µg/L	2000	1600	102	70-130	0.333	20	
Surrogate: 1,2-Dichloroethane-d4	*23.0*		µg/L	25.0		91.8	70-130			
Surrogate: Toluene-d8	*24.0*		µg/L	25.0		95.8	70-130			
Surrogate: 4-Bromofluorobenzene	*25.2*		µg/L	25.0		101	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B301219 - SW-846 3510C										
Blank (B301219-BLK2)				Prepared: 02/14/22 Analyzed: 02/16/22						
Benzo(a)anthracene (SIM)	ND	0.050	µg/L							
Benzo(a)pyrene (SIM)	ND	0.10	µg/L							
Benzo(b)fluoranthene (SIM)	ND	0.050	µg/L							
Benzo(k)fluoranthene (SIM)	ND	0.20	µg/L							
Bis(2-ethylhexyl)phthalate (SIM)	ND	1.0	µg/L							
Chrysene (SIM)	ND	0.20	µg/L							
Dibenz(a,h)anthracene (SIM)	ND	0.10	µg/L							
Indeno(1,2,3-cd)pyrene (SIM)	ND	0.10	µg/L							
Pentachlorophenol (SIM)	0.80	1.0	µg/L							J, B
Surrogate: 2-Fluorophenol (SIM)	*82.9*		µg/L	200		41.4	15-110			
Surrogate: Phenol-d6 (SIM)	*74.1*		µg/L	200		37.0	15-110			
Surrogate: Nitrobenzene-d5	*84.0*		µg/L	100		84.0	30-130			
Surrogate: 2-Fluorobiphenyl	*74.6*		µg/L	100		74.6	30-130			
Surrogate: 2,4,6-Tribromophenol (SIM)	*207*		µg/L	200		104	15-110			
Surrogate: p-Terphenyl-d14	*122*		µg/L	100		122	30-130			
LCS (B301219-BS2)				Prepared: 02/14/22 Analyzed: 02/16/22						
Benzo(a)anthracene (SIM)	40.5	1.0	µg/L	50.0		81.0	33-143			
Benzo(a)pyrene (SIM)	41.0	2.0	µg/L	50.0		82.0	17-163			
Benzo(b)fluoranthene (SIM)	42.7	1.0	µg/L	50.0		85.4	24-159			
Benzo(k)fluoranthene (SIM)	45.4	4.0	µg/L	50.0		90.8	11-162			
Bis(2-ethylhexyl)phthalate (SIM)	47.4	20	µg/L	50.0		94.9	8-158			
Chrysene (SIM)	35.5	4.0	µg/L	50.0		71.0	17-168			
Dibenz(a,h)anthracene (SIM)	41.3	2.0	µg/L	50.0		82.6	10-227			
Indeno(1,2,3-cd)pyrene (SIM)	39.0	2.0	µg/L	50.0		78.1	10-171			
Pentachlorophenol (SIM)	44.6	20	µg/L	50.0		89.2	14-176			
Surrogate: 2-Fluorophenol (SIM)	*79.9*		µg/L	200		40.0	15-110			
Surrogate: Phenol-d6 (SIM)	*73.3*		µg/L	200		36.7	15-110			
Surrogate: Nitrobenzene-d5	*72.7*		µg/L	100		72.7	30-130			
Surrogate: 2-Fluorobiphenyl	*78.7*		µg/L	100		78.7	30-130			
Surrogate: 2,4,6-Tribromophenol (SIM)	*166*		µg/L	200		83.2	15-110			
Surrogate: p-Terphenyl-d14	*92.8*		µg/L	100		92.8	30-130			
LCS Dup (B301219-BSD2)				Prepared: 02/14/22 Analyzed: 02/16/22						
Benzo(a)anthracene (SIM)	37.5	1.0	µg/L	50.0		74.9	33-143	7.85	53	
Benzo(a)pyrene (SIM)	37.7	2.0	µg/L	50.0		75.4	17-163	8.33	72	
Benzo(b)fluoranthene (SIM)	39.3	1.0	µg/L	50.0		78.6	24-159	8.29	71	
Benzo(k)fluoranthene (SIM)	42.3	4.0	µg/L	50.0		84.6	11-162	7.07	63	
Bis(2-ethylhexyl)phthalate (SIM)	43.5	20	µg/L	50.0		87.0	8-158	8.71	82	
Chrysene (SIM)	32.9	4.0	µg/L	50.0		65.7	17-168	7.78	87	
Dibenz(a,h)anthracene (SIM)	37.8	2.0	µg/L	50.0		75.6	10-227	8.85	126	
Indeno(1,2,3-cd)pyrene (SIM)	36.1	2.0	µg/L	50.0		72.2	10-171	7.88	99	
Pentachlorophenol (SIM)	42.0	20	µg/L	50.0		84.0	14-176	5.96	86	
Surrogate: 2-Fluorophenol (SIM)	*69.8*		µg/L	200		34.9	15-110			
Surrogate: Phenol-d6 (SIM)	*65.1*		µg/L	200		32.5	15-110			
Surrogate: Nitrobenzene-d5	*66.4*		µg/L	100		66.4	30-130			
Surrogate: 2-Fluorobiphenyl	*69.7*		µg/L	100		69.7	30-130			
Surrogate: 2,4,6-Tribromophenol (SIM)	*147*		µg/L	200		73.5	15-110			
Surrogate: p-Terphenyl-d14	*77.6*		µg/L	100		77.6	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B301219 - SW-846 3510C										
Matrix Spike (B301219-MS1)	**Source: 22B0718-01**			Prepared: 02/14/22 Analyzed: 02/16/22						
Benzo(a)anthracene (SIM)	91.2	2.0	µg/L	100	7.67	83.5	33-143			
Benzo(a)pyrene (SIM)	90.2	4.0	µg/L	100	7.04	83.2	17-163			
Benzo(b)fluoranthene (SIM)	88.9	2.0	µg/L	100	6.94	82.0	24-159			
Benzo(k)fluoranthene (SIM)	86.0	8.0	µg/L	100	2.68	83.3	11-162			
Bis(2-ethylhexyl)phthalate (SIM)	141	40	µg/L	100	ND	141	8-158			
Chrysene (SIM)	75.7	8.0	µg/L	100	6.18	69.5	17-168			
Dibenz(a,h)anthracene (SIM)	83.8	4.0	µg/L	100	0.865	82.9	10-227			
Indeno(1,2,3-cd)pyrene (SIM)	90.4	4.0	µg/L	100	5.55	84.8	10-171			
Pentachlorophenol (SIM)	108	40	µg/L	100	ND	108	14-176			
Surrogate: 2-Fluorophenol (SIM)	*198*		µg/L	400		49.5	15-110			
Surrogate: Phenol-d6 (SIM)	*207*		µg/L	400		51.6	15-110			
Surrogate: Nitrobenzene-d5	*144*		µg/L	200		72.1	30-130			
Surrogate: 2-Fluorobiphenyl	*137*		µg/L	200		68.7	30-130			
Surrogate: 2,4,6-Tribromophenol (SIM)	*380*		µg/L	400		95.0	15-110			
Surrogate: p-Terphenyl-d14	*178*		µg/L	200		89.1	30-130			
Matrix Spike Dup (B301219-MSD1)	**Source: 22B0718-01**			Prepared: 02/14/22 Analyzed: 02/16/22						
Benzo(a)anthracene (SIM)	82.2	2.0	µg/L	100	7.67	74.5	33-143	10.3	53	
Benzo(a)pyrene (SIM)	81.1	4.0	µg/L	100	7.04	74.0	17-163	10.6	72	
Benzo(b)fluoranthene (SIM)	79.7	2.0	µg/L	100	6.94	72.7	24-159	11.0	71	
Benzo(k)fluoranthene (SIM)	79.0	8.0	µg/L	100	2.68	76.3	11-162	8.54	63	
Bis(2-ethylhexyl)phthalate (SIM)	117	40	µg/L	100	ND	117	8-158	18.6	82	
Chrysene (SIM)	68.3	8.0	µg/L	100	6.18	62.1	17-168	10.3	87	
Dibenz(a,h)anthracene (SIM)	76.2	4.0	µg/L	100	0.865	75.3	10-227	9.50	126	
Indeno(1,2,3-cd)pyrene (SIM)	80.6	4.0	µg/L	100	5.55	75.1	10-171	11.4	99	
Pentachlorophenol (SIM)	84.1	40	µg/L	100	ND	84.1	14-176	24.8	86	
Surrogate: 2-Fluorophenol (SIM)	*175*		µg/L	400		43.6	15-110			
Surrogate: Phenol-d6 (SIM)	*198*		µg/L	400		49.5	15-110			
Surrogate: Nitrobenzene-d5	*135*		µg/L	200		67.7	30-130			
Surrogate: 2-Fluorobiphenyl	*135*		µg/L	200		67.4	30-130			
Surrogate: 2,4,6-Tribromophenol (SIM)	*326*		µg/L	400		81.4	15-110			
Surrogate: p-Terphenyl-d14	*158*		µg/L	200		79.2	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by - GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B301089 - SW-846 3510C										
Blank (B301089-BLK1)				Prepared: 02/14/22 Analyzed: 02/15/22						
Acenaphthene	ND	5.00	µg/L							
Acenaphthylene	ND	5.00	µg/L							
Anthracene	ND	5.00	µg/L							
Benzo(g,h,i)perylene	ND	5.00	µg/L							
Butylbenzylphthalate	ND	10.0	µg/L							
4-Chloro-3-methylphenol	ND	10.0	µg/L							
2-Chlorophenol	ND	10.0	µg/L							
Di-n-butylphthalate	ND	10.0	µg/L							
2,4-Dichlorophenol	ND	10.0	µg/L							
Diethylphthalate	ND	10.0	µg/L							
2,4-Dimethylphenol	ND	10.0	µg/L							
Dimethylphthalate	ND	10.0	µg/L							
4,6-Dinitro-2-methylphenol	ND	10.0	µg/L							
2,4-Dinitrophenol	ND	10.0	µg/L							V-04
Di-n-octylphthalate	ND	10.0	µg/L							
Bis(2-Ethylhexyl)phthalate	ND	10.0	µg/L							
Fluoranthene	ND	5.00	µg/L							
Fluorene	ND	5.00	µg/L							
Naphthalene	ND	5.00	µg/L							
2-Nitrophenol	ND	10.0	µg/L							
4-Nitrophenol	ND	10.0	µg/L							
Pentachlorophenol	ND	10.0	µg/L							
Phenanthrene	ND	5.00	µg/L							
2-Methylphenol	ND	10.0	µg/L							
Phenol	ND	10.0	µg/L							
3/4-Methylphenol	ND	20.0	µg/L							
Pyrene	ND	5.00	µg/L							
2,4,6-Trichlorophenol	ND	10.0	µg/L							
Surrogate: 2-Fluorophenol	*94.5*		µg/L	200		47.3	15-110			
Surrogate: Phenol-d6	*63.9*		µg/L	200		32.0	15-110			
Surrogate: Nitrobenzene-d5	*59.4*		µg/L	100		59.4	30-130			
Surrogate: 2-Fluorobiphenyl	*77.2*		µg/L	100		77.2	30-130			
Surrogate: 2,4,6-Tribromophenol	*179*		µg/L	200		89.4	15-110			
Surrogate: p-Terphenyl-d14	*81.2*		µg/L	100		81.2	30-130			
LCS (B301089-BS1)				Prepared: 02/14/22 Analyzed: 02/15/22						
Acenaphthene	38.2	5.00	µg/L	50.0		76.3	47-145			
Acenaphthylene	40.8	5.00	µg/L	50.0		81.7	33-145			
Anthracene	41.5	5.00	µg/L	50.0		82.9	27-133			
Benzo(g,h,i)perylene	50.6	5.00	µg/L	50.0		101	10-219			
Butylbenzylphthalate	36.3	10.0	µg/L	50.0		72.7	10-152			
4-Chloro-3-methylphenol	36.6	10.0	µg/L	50.0		73.1	22-147			
2-Chlorophenol	36.4	10.0	µg/L	50.0		72.8	23-134			
Di-n-butylphthalate	34.9	10.0	µg/L	50.0		69.8	10-120			
2,4-Dichlorophenol	38.5	10.0	µg/L	50.0		77.0	39-135			
Diethylphthalate	35.0	10.0	µg/L	50.0		70.0	10-120			
2,4-Dimethylphenol	33.8	10.0	µg/L	50.0		67.6	32-120			
Dimethylphthalate	36.4	10.0	µg/L	50.0		72.8	10-120			
4,6-Dinitro-2-methylphenol	43.5	10.0	µg/L	50.0		87.1	10-181			
2,4-Dinitrophenol	43.9	10.0	µg/L	50.0		87.8	10-191			V-04
Di-n-octylphthalate	33.1	10.0	µg/L	50.0		66.1	4-146			
Bis(2-Ethylhexyl)phthalate	37.2	10.0	µg/L	50.0		74.4	8-158			

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QUALITY CONTROL

Semivolatile Organic Compounds by - GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B301089 - SW-846 3510C										
LCS (B301089-BS1)				Prepared: 02/14/22 Analyzed: 02/15/22						
Fluoranthene	42.4	5.00	µg/L	50.0		84.7	26-137			
Fluorene	39.3	5.00	µg/L	50.0		78.5	59-121			
Naphthalene	36.7	5.00	µg/L	50.0		73.4	21-133			
2-Nitrophenol	38.3	10.0	µg/L	50.0		76.6	29-182			
4-Nitrophenol	16.2	10.0	µg/L	50.0		32.5	10-132			
Pentachlorophenol	34.0	10.0	µg/L	50.0		68.1	14-176			
Phenanthrene	41.3	5.00	µg/L	50.0		82.5	54-120			
2-Methylphenol	36.8	10.0	µg/L	50.0		73.7	40-140			
Phenol	17.6	10.0	µg/L	50.0		35.1	5-120			
3/4-Methylphenol	34.3	20.0	µg/L	50.0		68.6	40-140			
Pyrene	40.9	5.00	µg/L	50.0		81.9	52-120			
2,4,6-Trichlorophenol	39.3	10.0	µg/L	50.0		78.7	37-144			
Surrogate: 2-Fluorophenol	*106*		µg/L	200		52.9	15-110			
Surrogate: Phenol-d6	*73.8*		µg/L	200		36.9	15-110			
Surrogate: Nitrobenzene-d5	*67.1*		µg/L	100		67.1	30-130			
Surrogate: 2-Fluorobiphenyl	*82.7*		µg/L	100		82.7	30-130			
Surrogate: 2,4,6-Tribromophenol	*182*		µg/L	200		90.8	15-110			
Surrogate: p-Terphenyl-d14	*82.2*		µg/L	100		82.2	30-130			
LCS Dup (B301089-BSD1)				Prepared: 02/14/22 Analyzed: 02/15/22						
Acenaphthene	40.5	5.00	µg/L	50.0		81.1	47-145	6.05	48	
Acenaphthylene	43.7	5.00	µg/L	50.0		87.5	33-145	6.86	74	
Anthracene	43.1	5.00	µg/L	50.0		86.2	27-133	3.93	66	
Benzo(g,h,i)perylene	53.7	5.00	µg/L	50.0		107	10-219	6.00	97	
Butylbenzylphthalate	38.6	10.0	µg/L	50.0		77.3	10-152	6.13	60	
4-Chloro-3-methylphenol	38.3	10.0	µg/L	50.0		76.6	22-147	4.60	73	
2-Chlorophenol	37.3	10.0	µg/L	50.0		74.6	23-134	2.39	61	
Di-n-butylphthalate	37.0	10.0	µg/L	50.0		74.1	10-120	5.95	47	
2,4-Dichlorophenol	40.4	10.0	µg/L	50.0		80.7	39-135	4.77	50	
Diethylphthalate	38.2	10.0	µg/L	50.0		76.3	10-120	8.61	100	
2,4-Dimethylphenol	34.3	10.0	µg/L	50.0		68.6	32-120	1.44	58	
Dimethylphthalate	39.3	10.0	µg/L	50.0		78.5	10-120	7.53	183	
4,6-Dinitro-2-methylphenol	45.0	10.0	µg/L	50.0		90.0	10-181	3.30	203	
2,4-Dinitrophenol	47.9	10.0	µg/L	50.0		95.7	10-191	8.61	132	V-04
Di-n-octylphthalate	34.9	10.0	µg/L	50.0		69.9	4-146	5.53	69	
Bis(2-Ethylhexyl)phthalate	39.6	10.0	µg/L	50.0		79.1	8-158	6.12	82	
Fluoranthene	43.7	5.00	µg/L	50.0		87.4	26-137	3.04	66	
Fluorene	41.7	5.00	µg/L	50.0		83.3	59-121	5.93	38	
Naphthalene	38.9	5.00	µg/L	50.0		77.9	21-133	5.92	65	
2-Nitrophenol	41.1	10.0	µg/L	50.0		82.3	29-182	7.18	55	
4-Nitrophenol	17.7	10.0	µg/L	50.0		35.4	10-132	8.43	131	
Pentachlorophenol	35.5	10.0	µg/L	50.0		71.1	14-176	4.28	86	
Phenanthrene	42.7	5.00	µg/L	50.0		85.5	54-120	3.50	39	
2-Methylphenol	38.2	10.0	µg/L	50.0		76.4	40-140	3.65	30	
Phenol	18.3	10.0	µg/L	50.0		36.5	5-120	3.85	64	
3/4-Methylphenol	35.4	20.0	µg/L	50.0		70.7	40-140	3.04	30	
Pyrene	42.8	5.00	µg/L	50.0		85.5	52-120	4.40	49	
2,4,6-Trichlorophenol	41.1	10.0	µg/L	50.0		82.1	37-144	4.30	58	
Surrogate: 2-Fluorophenol	*106*		µg/L	200		53.0	15-110			
Surrogate: Phenol-d6	*74.9*		µg/L	200		37.4	15-110			
Surrogate: Nitrobenzene-d5	*68.0*		µg/L	100		68.0	30-130			
Surrogate: 2-Fluorobiphenyl	*85.1*		µg/L	100		85.1	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by - GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B301089 - SW-846 3510C											
LCS Dup (B301089-BSD1)				Prepared: 02/14/22 Analyzed: 02/15/22							
Surrogate: 2,4,6-Tribromophenol	*193*		µg/L	200		96.5		15-110			
Surrogate: p-Terphenyl-d14	*85.6*		µg/L	100		85.6		30-130			
Matrix Spike (B301089-MS1)	**Source: 22B0718-01**			Prepared: 02/14/22 Analyzed: 02/17/22							
Acenaphthene	239	20.0	µg/L	100	100	139		47-145			
Acenaphthylene	153	20.0	µg/L	100	45.4	107		33-145			
Anthracene	114	20.0	µg/L	100	19.2	94.4		27-133			
Benzo(g,h,i)perylene	90.7	20.0	µg/L	100	4.38	86.3		10-219			
Butylbenzylphthalate	89.2	40.0	µg/L	100	ND	89.2		10-152			
4-Chloro-3-methylphenol	107	40.0	µg/L	100	ND	107		22-147			
2-Chlorophenol	76.0	40.0	µg/L	100	ND	76.0		23-134			
Di-n-butylphthalate	83.5	40.0	µg/L	100	ND	83.5		10-120			
2,4-Dichlorophenol	102	40.0	µg/L	100	ND	102		39-135			
Diethylphthalate	81.6	40.0	µg/L	100	ND	81.6		10-120			
2,4-Dimethylphenol	616	40.0	µg/L	100	523	92.1		32-120			
Dimethylphthalate	85.3	40.0	µg/L	100	ND	85.3		10-120			
4,6-Dinitro-2-methylphenol	85.4	40.0	µg/L	100	ND	85.4		10-181			
2,4-Dinitrophenol	100	40.0	µg/L	100	ND	100		10-191			
Di-n-octylphthalate	89.4	40.0	µg/L	100	ND	89.4		4-146			
Bis(2-Ethylhexyl)phthalate	86.6	40.0	µg/L	100	ND	86.6		8-158			
Fluoranthene	136	20.0	µg/L	100	33.8	102		26-137			
Fluorene	169	20.0	µg/L	100	56.5	113		59-121			
Naphthalene	4260	20.0	µg/L	100	2540	**1720**	*	21-133			MS-19
2-Nitrophenol	94.4	40.0	µg/L	100	ND	94.4		29-182			
4-Nitrophenol	69.6	40.0	µg/L	100	ND	69.6		10-132			
Pentachlorophenol	85.3	40.0	µg/L	100	ND	85.3		14-176			
Phenanthrene	210	20.0	µg/L	100	94.1	116		54-120			
2-Methylphenol	445	40.0	µg/L	100	245	**200**	*	40-140			MS-22
Phenol	394	40.0	µg/L	100	180	**214**	*	5-120			MS-12
3/4-Methylphenol	441	80.0	µg/L	100	264	**177**	*	40-140			MS-22
Pyrene	121	20.0	µg/L	100	25.7	95.2		52-120			
2,4,6-Trichlorophenol	89.3	40.0	µg/L	100	ND	89.3		37-144			
Surrogate: 2-Fluorophenol	*286*		µg/L	400		71.5		15-110			
Surrogate: Phenol-d6	*245*		µg/L	400		61.2		15-110			
Surrogate: Nitrobenzene-d5	*202*		µg/L	200		101		30-130			
Surrogate: 2-Fluorobiphenyl	*182*		µg/L	200		91.1		30-130			
Surrogate: 2,4,6-Tribromophenol	*418*		µg/L	400		105		15-110			
Surrogate: p-Terphenyl-d14	*181*		µg/L	200		90.5		30-130			
Matrix Spike Dup (B301089-MSD1)	**Source: 22B0718-01**			Prepared: 02/14/22 Analyzed: 02/17/22							
Acenaphthene	201	20.0	µg/L	100	100	101		47-145	17.0	48	
Acenaphthylene	132	20.0	µg/L	100	45.4	86.9		33-145	14.2	74	
Anthracene	102	20.0	µg/L	100	19.2	83.0		27-133	10.5	66	
Benzo(g,h,i)perylene	77.8	20.0	µg/L	100	4.38	73.5		10-219	15.3	97	
Butylbenzylphthalate	77.6	40.0	µg/L	100	ND	77.6		10-152	13.9	60	
4-Chloro-3-methylphenol	90.0	40.0	µg/L	100	ND	90.0		22-147	17.6	73	
2-Chlorophenol	62.0	40.0	µg/L	100	ND	62.0		23-134	20.4	61	
Di-n-butylphthalate	74.0	40.0	µg/L	100	ND	74.0		10-120	12.0	47	
2,4-Dichlorophenol	81.2	40.0	µg/L	100	ND	81.2		39-135	22.4	50	
Diethylphthalate	70.9	40.0	µg/L	100	ND	70.9		10-120	14.1	100	
2,4-Dimethylphenol	525	40.0	µg/L	100	523	**1.27**	*	32-120	15.9	58	MS-22
Dimethylphthalate	73.6	40.0	µg/L	100	ND	73.6		10-120	14.7	183	

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QUALITY CONTROL

Semivolatile Organic Compounds by - GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B301089 - SW-846 3510C											
Matrix Spike Dup (B301089-MSD1)	**Source: 22B0718-01**			Prepared: 02/14/22 Analyzed: 02/17/22							
4,6-Dinitro-2-methylphenol	35.4	40.0	µg/L	100	ND	35.4		10-181	82.6	203	
2,4-Dinitrophenol	35.2	40.0	µg/L	100	ND	35.2		10-191	96.1	132	
Di-n-octylphthalate	79.8	40.0	µg/L	100	ND	79.8		4-146	11.4	69	
Bis(2-Ethylhexyl)phthalate	74.6	40.0	µg/L	100	ND	74.6		8-158	14.9	82	
Fluoranthene	118	20.0	µg/L	100	33.8	84.2		26-137	13.9	66	
Fluorene	141	20.0	µg/L	100	56.5	84.9		59-121	18.0	38	
Naphthalene	3740	20.0	µg/L	100	2540	**1200**	*	21-133	12.8	65	MS-19
2-Nitrophenol	79.2	40.0	µg/L	100	ND	79.2		29-182	17.5	55	
4-Nitrophenol	29.8	40.0	µg/L	100	ND	29.8		10-132	80.1	131	
Pentachlorophenol	57.1	40.0	µg/L	100	ND	57.1		14-176	39.6	86	
Phenanthrene	183	20.0	µg/L	100	94.1	89.2		54-120	13.5	39	
2-Methylphenol	380	40.0	µg/L	100	245	136		40-140	15.6	30	
Phenol	336	40.0	µg/L	100	180	**156**	*	5-120	15.8	64	MS-12
3/4-Methylphenol	380	80.0	µg/L	100	264	116		40-140	14.8	30	
Pyrene	104	20.0	µg/L	100	25.7	78.3		52-120	15.1	49	
2,4,6-Trichlorophenol	66.8	40.0	µg/L	100	ND	66.8		37-144	28.9	58	
Surrogate: 2-Fluorophenol	*234*		µg/L	400		58.5		15-110			
Surrogate: Phenol-d6	*213*		µg/L	400		53.3		15-110			
Surrogate: Nitrobenzene-d5	*176*		µg/L	200		87.9		30-130			
Surrogate: 2-Fluorobiphenyl	*157*		µg/L	200		78.4		30-130			
Surrogate: 2,4,6-Tribromophenol	*325*		µg/L	400		81.2		15-110			
Surrogate: p-Terphenyl-d14	*157*		µg/L	200		78.5		30-130			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B301586 - EPA 245.1										
Blank (B301586-BLK1)				Prepared: 02/19/22 Analyzed: 02/20/22						
Mercury	ND	0.00010	mg/L							
LCS (B301586-BS1)				Prepared: 02/19/22 Analyzed: 02/20/22						
Mercury	0.00405	0.00010	mg/L	0.00402		101	85-115			
LCS Dup (B301586-BSD1)				Prepared: 02/19/22 Analyzed: 02/20/22						
Mercury	0.00402	0.00010	mg/L	0.00402		100	85-115	0.592	20	
Batch B301956 - EPA 200.8										
Blank (B301956-BLK1)				Prepared: 02/23/22 Analyzed: 02/24/22						
Antimony	ND	1.0	µg/L							
Arsenic	ND	0.80	µg/L							
Cadmium	ND	0.20	µg/L							
Copper	ND	1.0	µg/L							
Lead	ND	0.50	µg/L							
Nickel	ND	5.0	µg/L							
Selenium	ND	5.0	µg/L							
Silver	ND	0.20	µg/L							
Zinc	ND	10	µg/L							
LCS (B301956-BS1)				Prepared: 02/23/22 Analyzed: 02/24/22						
Antimony	519	10	µg/L	500		104	85-115			
Arsenic	503	8.0	µg/L	500		101	85-115			
Cadmium	492	2.0	µg/L	500		98.3	85-115			
Copper	933	10	µg/L	1000		93.3	85-115			
Lead	498	5.0	µg/L	500		99.7	85-115			
Nickel	464	50	µg/L	500		92.9	85-115			
Selenium	491	50	µg/L	500		98.3	85-115			
Silver	450	2.0	µg/L	500		90.0	85-115			
Zinc	962	100	µg/L	1000		96.2	85-115			
LCS Dup (B301956-BSD1)				Prepared: 02/23/22 Analyzed: 02/24/22						
Antimony	528	10	µg/L	500		106	85-115	1.68	20	
Arsenic	504	8.0	µg/L	500		101	85-115	0.0496	20	
Cadmium	501	2.0	µg/L	500		100	85-115	1.82	20	
Copper	939	10	µg/L	1000		93.9	85-115	0.589	20	
Lead	505	5.0	µg/L	500		101	85-115	1.25	20	
Nickel	464	50	µg/L	500		92.8	85-115	0.114	20	
Selenium	493	50	µg/L	500		98.5	85-115	0.252	20	
Silver	458	2.0	µg/L	500		91.6	85-115	1.72	20	
Zinc	961	100	µg/L	1000		96.1	85-115	0.0951	20	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B302066 - EPA 200.7										
Blank (B302066-BLK1)				Prepared & Analyzed: 02/28/22						
Iron	ND	0.050	mg/L							
Hardness	ND	1.4	mg/L							
LCS (B302066-BS1)				Prepared & Analyzed: 02/28/22						
Iron	3.92	0.050	mg/L	4.00		98.1	85-115			
Hardness	27	1.4	mg/L	26.4		103	85-115			
LCS Dup (B302066-BSD1)				Prepared & Analyzed: 02/28/22						
Iron	3.76	0.050	mg/L	4.00		94.0	85-115	4.26	20	
Hardness	26	1.4	mg/L	26.4		99.9	85-115	3.33	20	

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B301030 - SM21-23 4500 CL G										
Blank (B301030-BLK1)				Prepared & Analyzed: 02/11/22						
Chlorine, Residual	ND	0.020	mg/L							
LCS (B301030-BS1)				Prepared & Analyzed: 02/11/22						
Chlorine, Residual	0.61	0.020	mg/L	0.643		95.0	80.3-122			
LCS Dup (B301030-BSD1)				Prepared & Analyzed: 02/11/22						
Chlorine, Residual	0.60	0.020	mg/L	0.643		93.8	80.3-122	1.26	10.7	
Batch B301032 - SM21-23 3500 Cr B										
Blank (B301032-BLK1)				Prepared & Analyzed: 02/11/22						
Hexavalent Chromium	ND	0.0040	mg/L							
LCS (B301032-BS1)				Prepared & Analyzed: 02/11/22						
Hexavalent Chromium	0.10	0.0040	mg/L	0.100		105	90-114			
LCS Dup (B301032-BSD1)				Prepared & Analyzed: 02/11/22						
Hexavalent Chromium	0.10	0.0040	mg/L	0.100		102	90-114	2.48	5	
Matrix Spike (B301032-MS1)	**Source: 22B0718-01**			Prepared & Analyzed: 02/11/22						
Hexavalent Chromium	0.097	0.0040	mg/L	0.100	ND	97.3	60.5-130			H-09
Matrix Spike Dup (B301032-MSD1)	**Source: 22B0718-01**			Prepared & Analyzed: 02/11/22						
Hexavalent Chromium	0.095	0.0040	mg/L	0.100	ND	94.7	60.5-130	2.68	7.53	H-09
Batch B301040 - SM21-23 4500 H B										
LCS (B301040-BS1)				Prepared & Analyzed: 02/11/22						
pH	6.03		pH Units	6.00		100	90-110			
Batch B301061 - EPA 300.0										
Blank (B301061-BLK1)				Prepared & Analyzed: 02/12/22						
Sulfate	ND	1.0	mg/L							
LCS (B301061-BS1)				Prepared & Analyzed: 02/12/22						
Sulfate	9.9	1.0	mg/L	10.0		99.0	90-110			
LCS Dup (B301061-BSD1)				Prepared & Analyzed: 02/12/22						
Sulfate	10	1.0	mg/L	10.0		99.8	90-110	0.756	20	

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B301081 - SM21-23 2540D										
Blank (B301081-BLK1)				Prepared & Analyzed: 02/14/22						
Total Suspended Solids	ND	2.5	mg/L							
LCS (B301081-BS1)				Prepared & Analyzed: 02/14/22						
Total Suspended Solids	177		mg/L	200		88.5	53.8-124			
Batch B301181 - EPA 1664B										
Blank (B301181-BLK1)				Prepared & Analyzed: 02/15/22						
Silica Gel Treated HEM (SGT-HEM)	ND	1.4	mg/L							
LCS (B301181-BS1)				Prepared & Analyzed: 02/15/22						
Silica Gel Treated HEM (SGT-HEM)	9.2	1.4	mg/L	10.0		92.0	64-132			
Duplicate (B301181-DUP1)	**Source: 22B0718-01**			Prepared & Analyzed: 02/15/22						
Silica Gel Treated HEM (SGT-HEM)	ND	1.4	mg/L		ND			NC	18	
Batch B301195 - EPA 300.0										
Blank (B301195-BLK1)				Prepared & Analyzed: 02/15/22						
Chloride	ND	1.0	mg/L							
LCS (B301195-BS1)				Prepared & Analyzed: 02/15/22						
Chloride	9.7	1.0	mg/L	10.0		96.6	90-110			
LCS Dup (B301195-BSD1)				Prepared & Analyzed: 02/15/22						
Chloride	9.8	1.0	mg/L	10.0		98.0	90-110	1.38	20	
Duplicate (B301195-DUP1)	**Source: 22B0718-01**			Prepared & Analyzed: 02/15/22						
Chloride	55	5.0	mg/L		55			0.0706	20	
Matrix Spike (B301195-MS1)	**Source: 22B0718-01**			Prepared & Analyzed: 02/15/22						
Chloride	100	5.0	mg/L	50.0	55	90.2	80-120			
Batch B301447 - SM 4500-NH3 C										
Blank (B301447-BLK1)				Prepared: 02/17/22 Analyzed: 02/18/22						
Ammonia as N	ND	0.30	mg/L							
LCS (B301447-BS1)				Prepared: 02/17/22 Analyzed: 02/18/22						
Ammonia as N	4.8	0.30	mg/L	5.00		95.2	86.2-110			

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QUALITY CONTROL

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B301447 - SM 4500-NH3 C										
LCS Dup (B301447-BSD1)				Prepared: 02/17/22 Analyzed: 02/18/22						
Ammonia as N	4.8	0.30	mg/L	5.00		95.2	86.2-110	0.00	10	
MRL Check (B301447-MRL1)				Prepared: 02/17/22 Analyzed: 02/18/22						
Ammonia as N	0.280	0.30	mg/L	0.300		93.3	0-200			J
MRL Check (B301447-MRL2)				Prepared: 02/17/22 Analyzed: 02/18/22						
Ammonia as N	0.420	0.30	mg/L	0.300		140	0-200			
Batch B302208 - SM 21-23 5310B										
Blank (B302208-BLK1)				Prepared & Analyzed: 03/02/22						
Total Organic Carbon	ND	1.0	mg/L							
LCS (B302208-BS1)				Prepared & Analyzed: 03/02/22						
Total Organic Carbon	9.93	1.0	mg/L	10.0		99.3	88.6-112			
LCS Dup (B302208-BSD1)				Prepared & Analyzed: 03/02/22						
Total Organic Carbon	9.97	1.0	mg/L	10.0		99.7	88.6-112	0.382	7.87	

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QUALITY CONTROL

Drinking Water Organics EPA 504.1 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B301326 - EPA 504 water										
Blank (B301326-BLK1)				Prepared & Analyzed: 02/16/22						
1,2-Dibromoethane (EDB)	ND	0.021	µg/L							
Surrogate: 1,3-Dibromopropane	*1.17*		µg/L	1.05		111	70-130			
LCS (B301326-BS1)				Prepared & Analyzed: 02/16/22						
1,2-Dibromoethane (EDB)	0.288	0.021	µg/L	0.260		111	70-130			
Surrogate: 1,3-Dibromopropane	*1.15*		µg/L	1.04		111	70-130			
LCS Dup (B301326-BSD1)				Prepared & Analyzed: 02/16/22						
1,2-Dibromoethane (EDB)	0.296	0.021	µg/L	0.257		115	70-130	2.86		
Surrogate: 1,3-Dibromopropane	*1.20*		µg/L	1.03		117	70-130			
MRL Check (B301326-MRL1)				Prepared & Analyzed: 02/16/22						
1,2-Dibromoethane (EDB)	0.0210	0.020	µg/L	0.0200		105	0-200			
1,2-Dibromoethane (EDB) [2C]	0.0170	0.020	µg/L	0.0200		85.0	0-200			J
Surrogate: 1,3-Dibromopropane	*1.18*		µg/L	1.00		118	70-130			
Surrogate: 1,3-Dibromopropane [2C]	*1.24*		µg/L	1.00		124	70-130			
MRL Check (B301326-MRL2)				Prepared & Analyzed: 02/16/22						
1,2-Dibromoethane (EDB)	0.0180	0.020	µg/L	0.0200		90.0	0-200			J
1,2-Dibromoethane (EDB) [2C]	0.0170	0.020	µg/L	0.0200		85.0	0-200			J
Surrogate: 1,3-Dibromopropane	*1.12*		µg/L	1.00		112	70-130			
Surrogate: 1,3-Dibromopropane [2C]	*1.18*		µg/L	1.00		118	70-130			
Matrix Spike (B301326-MS1)	**Source: 22B0718-01**			Prepared: 02/16/22 Analyzed: 02/17/22						
1,2-Dibromoethane (EDB)	0.277	0.021	µg/L	0.257	ND	108	65-135			
Surrogate: 1,3-Dibromopropane	*1.15*		µg/L	1.03		112	70-130			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

EPA 504.1

LCS

Lab Sample ID: B301326-BS1 Date(s) Analyzed: 02/16/2022 02/16/2022

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
1,2-Dibromoethane (EDB)	1	2.409	0.000	0.000	0.288	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

EPA 504.1

LCS Dup

Lab Sample ID: B301326-BSD1 Date(s) Analyzed: 02/16/2022 02/16/2022

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
1,2-Dibromoethane (EDB)	1	2.410	0.000	0.000	0.296	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

EPA 504.1

Matrix Spike

Lab Sample ID: B301326-MS1 Date(s) Analyzed: 02/17/2022 02/17/2022

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
1,2-Dibromoethane (EDB)	1	2.408	0.000	0.000	0.277	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
B	Analyte is found in the associated laboratory blank as well as in the sample.
H-05	Holding time was exceeded. pH analysis should be performed immediately at time of sampling. Nominal 15 minute holding time was exceeded.
H-09	Sample received by laboratory with insufficient time remaining to perform analysis within the recommended holding time.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
MS-12	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
RL-12	Elevated reporting limit due to matrix interference.
RL-13	Elevated reporting limit due to high concentration of non-target compounds.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria. Reported result is estimated.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-35	Initial calibration verification (ICV) did not meet method specifications and was biased on the high side for this compound. Reported result is estimated.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
- in Water	
Cyanide	CT,MA,NH,NY,RI,NC,ME,VA
624.1 in Water	
Acetone	CT,NY,MA,NH
tert-Amyl Methyl Ether (TAME)	MA
Benzene	CT,NY,MA,NH,RI,NC,ME,VA
tert-Butyl Alcohol (TBA)	NY,MA
Carbon Tetrachloride	CT,NY,MA,NH,RI,NC,ME,VA
1,2-Dichlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
1,3-Dichlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
1,4-Dichlorobenzene	CT,NY,MA,NH,RI,NC,ME,VA
1,2-Dichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
cis-1,2-Dichloroethylene	NY,MA
1,1-Dichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
1,1-Dichloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
1,4-Dioxane	MA
Ethanol	NY,MA,NH
Ethylbenzene	CT,NY,MA,NH,RI,NC,ME,VA
Methyl tert-Butyl Ether (MTBE)	NY,MA,NH,NC
Methylene Chloride	CT,NY,MA,NH,RI,NC,ME,VA
Naphthalene	NY,MA,NC
Tetrachloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
Toluene	CT,NY,MA,NH,RI,NC,ME,VA
1,1,1-Trichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
1,1,2-Trichloroethane	CT,NY,MA,NH,RI,NC,ME,VA
Trichloroethylene	CT,NY,MA,NH,RI,NC,ME,VA
Vinyl Chloride	CT,NY,MA,NH,RI,NC,ME,VA
m+p Xylene	CT,NY,MA,NH,RI,NC
o-Xylene	CT,NY,MA,NH,RI,NC
625.1 in Water	
Acenaphthene	CT,MA,NH,NY,NC,RI,ME,VA
Acenaphthylene	CT,MA,NH,NY,NC,RI,ME,VA
Anthracene	CT,MA,NH,NY,NC,RI,ME,VA
Benzo(g,h,i)perylene	CT,MA,NH,NY,NC,RI,ME,VA
Butylbenzylphthalate	CT,MA,NH,NY,NC,RI,ME,VA
4-Chloro-3-methylphenol	CT,MA,NH,NY,NC,RI,VA
2-Chlorophenol	CT,MA,NH,NY,NC,RI,ME,VA
Di-n-butylphthalate	CT,MA,NH,NY,NC,RI,ME,VA
1,3-Dichlorobenzene	MA,NC
1,4-Dichlorobenzene	MA,NC
1,2-Dichlorobenzene	MA,NC
2,4-Dichlorophenol	CT,MA,NH,NY,NC,RI,ME,VA
Diethylphthalate	CT,MA,NH,NY,NC,RI,ME,VA
2,4-Dimethylphenol	CT,MA,NH,NY,NC,RI,ME,VA
Dimethylphthalate	CT,MA,NH,NY,NC,RI,ME,VA
4,6-Dinitro-2-methylphenol	CT,MA,NH,NY,NC,RI,ME,VA
2,4-Dinitrophenol	CT,MA,NH,NY,NC,RI,ME,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
625.1 in Water	
Di-n-octylphthalate	CT,MA,NH,NY,NC,RI,ME,VA
Bis(2-Ethylhexyl)phthalate	CT,MA,NH,NY,NC,RI,ME,VA
Fluoranthene	CT,MA,NH,NY,NC,RI,ME,VA
Fluorene	CT,MA,NH,NY,NC,RI,ME,VA
Naphthalene	CT,MA,NH,NY,NC,RI,ME,VA
2-Nitrophenol	CT,MA,NH,NY,NC,RI,ME,VA
4-Nitrophenol	CT,MA,NH,NY,NC,RI,ME,VA
Pentachlorophenol	CT,MA,NH,NY,NC,RI,ME,VA
Phenanthrene	CT,MA,NH,NY,NC,RI,ME,VA
2-Methylphenol	NY,NC
Phenol	CT,MA,NH,NY,NC,RI,ME,VA
3/4-Methylphenol	NY,NC
Pyrene	CT,MA,NH,NY,NC,RI,ME,VA
2,4,6-Trichlorophenol	CT,MA,NH,NY,NC,RI,ME,VA
2-Fluorophenol	NC,VA
2-Fluorophenol	NC
Phenol-d6	VA
Nitrobenzene-d5	VA
EPA 200.7 in Water	
Iron	CT,MA,NH,NY,RI,NC,ME,VA
Hardness	CT,MA,NH,NY,RI,VA
EPA 200.8 in Water	
Antimony	CT,MA,NH,NY,RI,NC,ME,VA
Arsenic	CT,MA,NH,NY,RI,NC,ME,VA
Cadmium	CT,MA,NH,NY,RI,NC,ME,VA
Chromium	CT,MA,NH,NY,RI,NC,ME,VA
Copper	CT,MA,NH,NY,RI,NC,ME,VA
Lead	CT,MA,NH,NY,RI,NC,ME,VA
Nickel	CT,MA,NH,NY,RI,NC,ME,VA
Selenium	CT,MA,NH,NY,RI,NC,ME,VA
Silver	CT,MA,NH,NY,RI,NC,ME,VA
Zinc	CT,MA,NH,NY,RI,NC,ME,VA
EPA 245.1 in Water	
Mercury	CT,MA,NH,RI,NY,NC,ME,VA
EPA 300.0 in Water	
Chloride	NC,NY,MA,VA,ME,NH,CT,RI
Sulfate	NC,NY,MA,VA,ME,NH,CT,RI
SM 21-23 5310B in Water	
Total Organic Carbon	CT,NH,NY,RI,NC,MA,VA
SM19-23 4500 NH3 C in Water	
Ammonia as N	NY,MA,CT,RI,VA,NC,ME
SM21-23 2540D in Water	
Total Suspended Solids	CT,MA,NH,NY,RI,NC,ME,VA
SM21-23 3500 Cr B in Water	

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SM21-23 3500 Cr B in Water	
Hexavalent Chromium	NY,CT,NH,RI,ME,VA,NC
SM21-23 4500 CL G in Water	
Chlorine, Residual	CT,MA,RI,ME
SM21-23 4500 H B in Water	
pH	CT,MA,RI

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

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2017	100033	03/1/2024
MA	Massachusetts DEP	M-MA100	06/30/2022
CT	Connecticut Department of Publilc Health	PH-0165	12/31/2022
NY	New York State Department of Health	10899 NELAP	04/1/2022
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2023
RI	Rhode Island Department of Health	LAO00373	12/30/2022
NC	North Carolina Div. of Water Quality	652	12/31/2022
NJ	New Jersey DEP	MA007 NELAP	06/30/2022
FL	Florida Department of Health	E871027 NELAP	06/30/2022
VT	Vermont Department of Health Lead Laboratory	LL720741	07/30/2022
ME	State of Maine	MA00100	06/9/2023
VA	Commonwealth of Virginia	460217	12/14/2022
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2022
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2022
NC-DW	North Carolina Department of Health	25703	07/31/2022
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2022
MI	Dept. of Env, Great Lakes, and Energy	9100	09/6/2022

22B0718

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 5_07/13/2021

Page 1 of 1

Company Name:	Tetra Tech
Address:	5 Industrial Way, Suite 2B Salem, NH 03079
Phone:	603-328-1558
Project Name:	
Project Location:	Cambridge, MA
Project Number:	112.C03712
Project Manager:	Jamie Greaves
Pace Quote Name/Number:	
Invoice Recipient:	
Sampled By:	Tom Zakarian, Kane Puckett

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

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

Data Delivery
Format: PDF ☐ EXCEL ☐
Other:
CLP Like Data Pkg Required: ☐
Email To:
Fax To #:

Dissolved (Waters Samples)
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

PCB ONLY
SOXHLET ☐
NON SOXHLET ☐

ANALYSIS REQUESTED

Pace Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	O	S	I	S	T	H	N	X	I	I	I
	PC-GW01-02102022	2/10/22	2/10/22 1600	Grab	GW		4	8	5 6			X	X	X	X	X	X	X	X	X	X	X

O = Total organic Carbon; S = Oil and grease (HEM); I = 8270 w/PAH (low); S = Phenol by EPA 420.1; T = 504 - EDB only; H = 8260; N = Metals; X = S-Cyanide, total; I = Hexavalent chromium; I = Total suspended solids; I = Cl, Res Cl, pH, Soil

[2] Preservation Code

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

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N

*Pace Analytical is not responsible for missing samples from prepacked coolers

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

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

Relinquished by: (signature)	Date/Time: 2/11/22 1310	Client Comments: Pour off from H_2SO_4 - preserved bottles for Ammonia analysis
Received by: (signature)	Date/Time: 2/11/22 1315	
Relinquished by: (signature)	Date/Time: 2/11/22 1530	
Received by: (signature)	Date/Time: 2.0 2/11/22 1530	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

Detection Limit Requirements
MA
RI
Other

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

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

NELAC and AIHA-LAP, LLC Accredited

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

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

Lab Comments:

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

Blue coolers

Table of Contents

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

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

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

Client: Tetra Tech

Received By: DK Date: 2-11-22 Time: 1530

How were the samples received? In Cooler: T No Cooler: On Ice: T No Ice: Direct from Sampling: Ambient: Melted Ice:

Were samples within Temperature? 2-6°C: T By Gun #: 5 Actual Temp - 2.0 By Blank #: Actual Temp -

Was Custody Seal Intact? N/A Were Samples Tampered with? N/A

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

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

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

Did COC include all pertinent Information? Client: T Analysis: T Sampler Name: T Project: T ID's: T Collection Dates/Times: T

Are Sample labels filled out and legible? T

Are there Lab to Filters? F Who was notified?

Are there Rushes? F Who was notified?

Are there Short Holds? T Who was notified? Cassie

Is there enough Volume? T

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

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

Were trip blanks received? F On COC? F

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

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

Unused Media

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

Comments:

* Preserved with Na2SO3

Appendix E

BMP Plan

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
REMEDIATION GENERAL PERMIT
585 THIRD STREET PROJECT
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 at the 585 Third Street project site located in Cambridge, Massachusetts. This Best Management Practices Plan (BMPP) has been prepared as an Appendix to the RGP and will be posted at the site during the time period that temporary construction dewatering is occurring at the site.

Water Treatment and Management

Construction dewatering 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 effects on designated uses of surrounding surface water bodies is anticipated. The nearest surface water body is the Charles River. 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 F

Receiving Water Results

ANALYTICAL REPORT

Lab Number:	L2200184
Client:	Tetra Tech, Inc. 5 Industrial Way Suite 2B Salem, NH 03079
ATTN:	James Greacen
Phone:	(603) 328-1476
Project Name:	KENDALL SQUARE
Project Number:	112C08712-03
Report Date:	01/17/22

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: KENDALL SQUARE
Project Number: 112C08712-03

Lab Number: L2200184
Report Date: 01/17/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2200184-01	CR-01	WATER	CAMBRIDGE, MA	01/03/22 13:35	01/03/22

Project Name:	KENDALL SQUARE	**Lab Number:**	L2200184
Project Number:	112C08712-03	**Report Date:**	01/17/22

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?	NO
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).	YES
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:	KENDALL SQUARE	**Lab Number:**	L2200184
Project Number:	112C08712-03	**Report Date:**	01/17/22

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. 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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name:	KENDALL SQUARE	**Lab Number:**	L2200184
Project Number:	112C08712-03	**Report Date:**	01/17/22

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

MCP Related Narratives

Volatile Organics

In reference to question H:

L2200184-01: Initial Calibration did not meet:

Lowest Calibration Standard Minimum Response Factor: 1,4-dioxane (0.0053)

Average Response Factor: 1,4-dioxane

L2200184-01: The associated continuing calibration standard is outside the acceptance criteria for several compounds; however, it is within overall method allowances. Associated results are considered to be biased high if the %D is negative and biased low if the %D is positive. A copy of the continuing calibration standard is included as an addendum to this report.

Semivolatile Organics

L2200184-01, WG1590748-1, WG1590748-2, and WG1590748-3: The initial calibration utilized a quadratic fit for Bis(2-ethylhexyl)phthalate and Butyl benzyl phthalate.

Semivolatile Organics by SIM

L2200184-01, WG1590750-1, WG1590750-2, and WG1590750-3: The initial calibration utilized a quadratic fit for Pentachlorophenol.

VPH

In reference to question I:

All samples were analyzed for a subset of MCP analytes per client request.

Project Name:	KENDALL SQUARE	**Lab Number:**	L2200184
Project Number:	112C08712-03	**Report Date:**	01/17/22

Case Narrative (continued)

EPH

In reference to question I:

All samples were analyzed for a subset of MCP analytes per client request.

Total Metals

In reference to question B:

At the client's request, the analytical method specified in the CAM protocol was not followed.

In reference to question I:

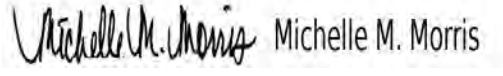
All samples were analyzed for a subset of MCP analytes per client request.

Chromium, Hexavalent

In reference to question B:

At the client's request, the analytical method specified in the CAM protocol was not followed.

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:  Michelle M. Morris

Title: Technical Director/Representative Date: 01/17/22

QC OUTLIER SUMMARY REPORT

Project Name: KENDALL SQUARE
Project Number: 112C08712-03

Lab Number: L2200184
Report Date: 01/17/22

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
MCP Volatile Organics - Westborough Lab								
8260D	Batch QC	WG1591109-3	Chloroethane	LCS	140	70-130	01	potential high bias
8260D	Batch QC	WG1591109-3	1,4-Dioxane	LCS	132	70-130	01	potential high bias
8260D	Batch QC	WG1591109-4	Bromomethane	LCSD	22	20	01	non-directional bias
8260D	Batch QC	WG1591109-4	Bromomethane	LCSD	150	70-130	01	potential high bias
8260D	Batch QC	WG1591109-4	Chloroethane	LCSD	140	70-130	01	potential high bias
MCP Semivolatile Organics - Westborough Lab								
8270E	Batch QC	WG1590748-3	4-Chloroaniline	LCSD	25	20	01	non-directional bias

ORGANICS

VOLATILES

Project Name: KENDALL SQUARE
Project Number: 112C08712-03
Lab Number: L2200184
Report Date: 01/17/22

SAMPLE RESULTS

Lab ID: L2200184-01
Client ID: CR-01
Sample Location: CAMBRIDGE, MA

Date Collected: 01/03/22 13:35
Date Received: 01/03/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 141,8260D
Analytical Date: 01/05/22 09:38
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	2.0	0.68	1
1,1-Dichloroethane	ND		ug/l	1.0	0.21	1
Chloroform	ND		ug/l	1.0	0.22	1
Carbon tetrachloride	ND		ug/l	1.0	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.0	0.14	1
Tetrachloroethene	ND		ug/l	1.0	0.18	1
Chlorobenzene	ND		ug/l	1.0	0.18	1
Trichlorofluoromethane	ND		ug/l	2.0	0.16	1
1,2-Dichloroethane	ND		ug/l	1.0	0.13	1
1,1,1-Trichloroethane	ND		ug/l	1.0	0.16	1
Bromodichloromethane	ND		ug/l	1.0	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.40	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.40	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.40	0.14	1
1,1-Dichloropropene	ND		ug/l	2.0	0.24	1
Bromoform	ND		ug/l	2.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	1.0	0.20	1
Ethylbenzene	ND		ug/l	1.0	0.17	1
Chloromethane	ND		ug/l	2.0	0.20	1
Bromomethane	ND		ug/l	2.0	0.26	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.0	0.13	1
1,1-Dichloroethene	ND		ug/l	1.0	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	1.0	0.16	1

Project Name: KENDALL SQUARE **Lab Number:** L2200184

Project Number: 112C08712-03 **Report Date:** 01/17/22

SAMPLE RESULTS

Lab ID: L2200184-01 Date Collected: 01/03/22 13:35

Client ID: CR-01 Date Received: 01/03/22

Sample Location: CAMBRIDGE, MA Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	2.0	0.17	1
p/m-Xylene	ND		ug/l	2.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	1.0	0.16	1
Dibromomethane	ND		ug/l	2.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	2.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	1.9	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	2.0	0.30	1
Methyl ethyl ketone	ND		ug/l	5.0	1.9	1
Methyl isobutyl ketone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	2.0	0.15	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	2.0	0.20	1
1,2-Dibromoethane	ND		ug/l	2.0	0.19	1
1,3-Dichloropropane	ND		ug/l	2.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	0.16	1
Bromobenzene	ND		ug/l	2.0	0.15	1
n-Butylbenzene	ND		ug/l	2.0	0.19	1
sec-Butylbenzene	ND		ug/l	2.0	0.18	1
tert-Butylbenzene	ND		ug/l	2.0	0.20	1
o-Chlorotoluene	ND		ug/l	2.0	0.22	1
p-Chlorotoluene	ND		ug/l	2.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.60	0.22	1
Isopropylbenzene	ND		ug/l	2.0	0.19	1
p-Isopropyltoluene	ND		ug/l	2.0	0.19	1
Naphthalene	ND		ug/l	2.0	0.22	1
n-Propylbenzene	ND		ug/l	2.0	0.17	1

Project Name: KENDALL SQUARE **Lab Number:** L2200184

Project Number: 112C08712-03 **Report Date:** 01/17/22

SAMPLE RESULTS

Lab ID: L2200184-01 Date Collected: 01/03/22 13:35

Client ID: CR-01 Date Received: 01/03/22

Sample Location: CAMBRIDGE, MA Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/l	2.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	2.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	2.0	0.22	1
1,2,4-Trimethylbenzene	ND		ug/l	2.0	0.19	1
Diethyl ether	ND		ug/l	2.0	0.16	1
Diisopropyl Ether	ND		ug/l	2.0	0.42	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28	1
1,4-Dioxane	ND		ug/l	250	61.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	108		70-130

Project Name: KENDALL SQUARE
Project Number: 112C08712-03
Lab Number: L2200184
Report Date: 01/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 141,8260D
Analytical Date: 01/05/22 05:31
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
MCP Volatile Organics - Westborough Lab for sample(s): 01 Batch: WG1591109-5					
Methylene chloride	ND		ug/l	2.0	0.68
1,1-Dichloroethane	ND		ug/l	1.0	0.21
Chloroform	ND		ug/l	1.0	0.22
Carbon tetrachloride	ND		ug/l	1.0	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	1.0	0.15
1,1,2-Trichloroethane	ND		ug/l	1.0	0.14
Tetrachloroethene	ND		ug/l	1.0	0.18
Chlorobenzene	ND		ug/l	1.0	0.18
Trichlorofluoromethane	ND		ug/l	2.0	0.16
1,2-Dichloroethane	ND		ug/l	1.0	0.13
1,1,1-Trichloroethane	ND		ug/l	1.0	0.16
Bromodichloromethane	ND		ug/l	1.0	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.40	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.40	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.40	0.14
1,1-Dichloropropene	ND		ug/l	2.0	0.24
Bromoform	ND		ug/l	2.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	1.0	0.20
Ethylbenzene	ND		ug/l	1.0	0.17
Chloromethane	ND		ug/l	2.0	0.20
Bromomethane	ND		ug/l	2.0	0.26
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.0	0.13
1,1-Dichloroethene	ND		ug/l	1.0	0.17
trans-1,2-Dichloroethene	ND		ug/l	1.0	0.16
Trichloroethene	ND		ug/l	1.0	0.18

Project Name: KENDALL SQUARE
Project Number: 112C08712-03
Lab Number: L2200184
Report Date: 01/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 141,8260D
Analytical Date: 01/05/22 05:31
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
MCP Volatile Organics - Westborough Lab for sample(s): 01 Batch: WG1591109-5					
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19
Methyl tert butyl ether	ND		ug/l	2.0	0.17
p/m-Xylene	ND		ug/l	2.0	0.33
o-Xylene	ND		ug/l	1.0	0.39
Xylenes, Total	ND		ug/l	1.0	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.19
1,2-Dichloroethene, Total	ND		ug/l	1.0	0.16
Dibromomethane	ND		ug/l	2.0	0.36
1,2,3-Trichloropropane	ND		ug/l	2.0	0.18
Styrene	ND		ug/l	1.0	0.36
Dichlorodifluoromethane	ND		ug/l	2.0	0.24
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	2.0	0.30
Methyl ethyl ketone	ND		ug/l	5.0	1.9
Methyl isobutyl ketone	ND		ug/l	5.0	0.42
2-Hexanone	ND		ug/l	5.0	0.52
Bromochloromethane	ND		ug/l	2.0	0.15
Tetrahydrofuran	ND		ug/l	2.0	0.52
2,2-Dichloropropane	ND		ug/l	2.0	0.20
1,2-Dibromoethane	ND		ug/l	2.0	0.19
1,3-Dichloropropane	ND		ug/l	2.0	0.21
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	0.16
Bromobenzene	ND		ug/l	2.0	0.15
n-Butylbenzene	ND		ug/l	2.0	0.19
sec-Butylbenzene	ND		ug/l	2.0	0.18
tert-Butylbenzene	ND		ug/l	2.0	0.20
o-Chlorotoluene	ND		ug/l	2.0	0.22

Project Name: KENDALL SQUARE
Project Number: 112C08712-03
Lab Number: L2200184
Report Date: 01/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 141,8260D
Analytical Date: 01/05/22 05:31
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
MCP Volatile Organics - Westborough Lab for sample(s): 01 Batch: WG1591109-5					
p-Chlorotoluene	ND		ug/l	2.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	2.0	0.35
Hexachlorobutadiene	ND		ug/l	0.60	0.22
Isopropylbenzene	ND		ug/l	2.0	0.19
p-Isopropyltoluene	ND		ug/l	2.0	0.19
Naphthalene	ND		ug/l	2.0	0.22
n-Propylbenzene	ND		ug/l	2.0	0.17
1,2,3-Trichlorobenzene	ND		ug/l	2.0	0.23
1,2,4-Trichlorobenzene	ND		ug/l	2.0	0.22
1,3,5-Trimethylbenzene	ND		ug/l	2.0	0.22
1,2,4-Trimethylbenzene	ND		ug/l	2.0	0.19
Diethyl ether	ND		ug/l	2.0	0.16
Diisopropyl Ether	ND		ug/l	2.0	0.42
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	0.18
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	61.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: KENDALL SQUARE
Project Number: 112C08712-03

Lab Number: L2200184
Report Date: 01/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG1591109-3 WG1591109-4								
Methylene chloride	97		100		70-130	3		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	95		93		70-130	2		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	90		95		70-130	5		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	79		78		70-130	1		20
Chlorobenzene	92		96		70-130	4		20
Trichlorofluoromethane	98		97		70-130	1		20
1,2-Dichloroethane	99		100		70-130	1		20
1,1,1-Trichloroethane	92		94		70-130	2		20
Bromodichloromethane	110		110		70-130	0		20
trans-1,3-Dichloropropene	92		94		70-130	2		20
cis-1,3-Dichloropropene	100		110		70-130	10		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	82		84		70-130	2		20
1,1,2,2-Tetrachloroethane	110		110		70-130	0		20
Benzene	100		100		70-130	0		20
Toluene	86		87		70-130	1		20
Ethylbenzene	93		95		70-130	2		20
Chloromethane	100		100		70-130	0		20
Bromomethane	120		**150**	Q	70-130	**22**	Q	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: KENDALL SQUARE
Project Number: 112C08712-03

Lab Number: L2200184
Report Date: 01/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG1591109-3 WG1591109-4								
Vinyl chloride	110		110		70-130	0		20
Chloroethane	**140**	Q	**140**	Q	70-130	0		20
1,1-Dichloroethene	98		100		70-130	2		20
trans-1,2-Dichloroethene	94		97		70-130	3		20
Trichloroethene	98		100		70-130	2		20
1,2-Dichlorobenzene	98		96		70-130	2		20
1,3-Dichlorobenzene	97		98		70-130	1		20
1,4-Dichlorobenzene	97		98		70-130	1		20
Methyl tert butyl ether	94		100		70-130	6		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	99		100		70-130	1		20
Dibromomethane	100		120		70-130	18		20
1,2,3-Trichloropropane	100		110		70-130	10		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	84		82		70-130	2		20
Acetone	120		110		70-130	9		20
Carbon disulfide	95		100		70-130	5		20
Methyl ethyl ketone	110		120		70-130	9		20
Methyl isobutyl ketone	95		100		70-130	5		20
2-Hexanone	100		110		70-130	10		20
Bromochloromethane	100		100		70-130	0		20
Tetrahydrofuran	110		130		70-130	17		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: KENDALL SQUARE
Project Number: 112C08712-03

Lab Number: L2200184
Report Date: 01/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG1591109-3 WG1591109-4								
2,2-Dichloropropane	96		97		70-130	1		20
1,2-Dibromoethane	86		90		70-130	5		20
1,3-Dichloropropane	95		100		70-130	5		20
1,1,1,2-Tetrachloroethane	94		96		70-130	2		20
Bromobenzene	90		92		70-130	2		20
n-Butylbenzene	110		110		70-130	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	99		100		70-130	1		20
o-Chlorotoluene	99		100		70-130	1		20
p-Chlorotoluene	96		100		70-130	4		20
1,2-Dibromo-3-chloropropane	91		91		70-130	0		20
Hexachlorobutadiene	91		92		70-130	1		20
Isopropylbenzene	97		100		70-130	3		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	98		98		70-130	0		20
n-Propylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	95		95		70-130	0		20
1,2,4-Trichlorobenzene	93		91		70-130	2		20
1,3,5-Trimethylbenzene	98		100		70-130	2		20
1,2,4-Trimethylbenzene	99		97		70-130	2		20
Diethyl ether	100		97		70-130	3		20
Diisopropyl Ether	100		110		70-130	10		20
Ethyl-Tert-Butyl-Ether	99		100		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: KENDALL SQUARE

Project Number: 112C08712-03

Lab Number: L2200184

Report Date: 01/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG1591109-3 WG1591109-4								
Tertiary-Amyl Methyl Ether	97		100		70-130	3		20
1,4-Dioxane	**132**	Q	130		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		97		70-130
Toluene-d8	90		92		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	108		104		70-130

SEMIVOLATILES

Project Name: KENDALL SQUARE
Project Number: 112C08712-03
Lab Number: L2200184
Report Date: 01/17/22

SAMPLE RESULTS

Lab ID: L2200184-01
Client ID: CR-01
Sample Location: CAMBRIDGE, MA

Date Collected: 01/03/22 13:35
Date Received: 01/03/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 141,8270E
Analytical Date: 01/06/22 15:42
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 01/05/22 08:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Semivolatile Organics - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
Azobenzene	ND		ug/l	2.0	0.37	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.6	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	0.73	0.46	1
Aniline	ND		ug/l	2.0	0.68	1
4-Chloroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.73	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1

Project Name: KENDALL SQUARE **Lab Number:** L2200184

Project Number: 112C08712-03 **Report Date:** 01/17/22

SAMPLE RESULTS

Lab ID: L2200184-01 Date Collected: 01/03/22 13:35

Client ID: CR-01 Date Received: 01/03/22

Sample Location: CAMBRIDGE, MA Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Semivolatile Organics - Westborough Lab						
2,4-Dimethylphenol	ND		ug/l	5.0	3.0	1
2-Nitrophenol	ND		ug/l	10	0.90	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.65	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		15-110
Phenol-d6	72		15-110
Nitrobenzene-d5	94		30-130
2-Fluorobiphenyl	95		30-130
2,4,6-Tribromophenol	74		15-110
4-Terphenyl-d14	91		30-130

Project Name: KENDALL SQUARE
Project Number: 112C08712-03
Lab Number: L2200184
Report Date: 01/17/22

SAMPLE RESULTS

Lab ID: L2200184-01
Client ID: CR-01
Sample Location: CAMBRIDGE, MA

Date Collected: 01/03/22 13:35
Date Received: 01/03/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 141,8270E-SIM
Analytical Date: 01/14/22 20:03
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 01/05/22 08:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Semivolatile Organics by SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.01	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.01	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.02	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.08	1
Hexachlorobenzene	0.02	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: KENDALL SQUARE
Lab Number: L2200184
Project Number: 112C08712-03
Report Date: 01/17/22

SAMPLE RESULTS

Lab ID: L2200184-01
Client ID: CR-01
Sample Location: CAMBRIDGE, MA
Date Collected: 01/03/22 13:35
Date Received: 01/03/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Semivolatile Organics by SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		15-110
Phenol-d6	47		15-110
Nitrobenzene-d5	74		30-130
2-Fluorobiphenyl	77		30-130
2,4,6-Tribromophenol	77		15-110
4-Terphenyl-d14	61		30-130

Project Name: KENDALL SQUARE
Project Number: 112C08712-03

Lab Number: L2200184
Report Date: 01/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 141,8270E
Analytical Date: 01/06/22 09:44
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 01/05/22 08:19

Parameter	Result	Qualifier	Units	RL	MDL
MCP Semivolatile Organics - Westborough Lab for sample(s): 01 Batch: WG1590748-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Azobenzene	ND		ug/l	2.0	0.37
Fluoranthene	ND		ug/l	2.0	0.28
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.97
Hexachloroethane	ND		ug/l	2.0	0.78
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.6
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41

Project Name: KENDALL SQUARE
Project Number: 112C08712-03
Lab Number: L2200184
Report Date: 01/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 141,8270E
Analytical Date: 01/06/22 09:44
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 01/05/22 08:19

Parameter	Result	Qualifier	Units	RL	MDL
MCP Semivolatile Organics - Westborough Lab for sample(s): 01 Batch: WG1590748-1					
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	0.73	0.46
Aniline	ND		ug/l	2.0	0.68
4-Chloroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.73
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	3.0
2-Nitrophenol	ND		ug/l	10	0.90
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.65
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77

Project Name: KENDALL SQUARE
Project Number: 112C08712-03
Lab Number: L2200184
Report Date: 01/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 141,8270E
Analytical Date: 01/06/22 09:44
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 01/05/22 08:19

Parameter	Result	Qualifier	Units	RL	MDL
MCP Semivolatile Organics - Westborough Lab for sample(s): 01 Batch: WG1590748-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		15-110
Phenol-d6	68		15-110
Nitrobenzene-d5	73		30-130
2-Fluorobiphenyl	76		30-130
2,4,6-Tribromophenol	62		15-110
4-Terphenyl-d14	80		30-130

Project Name: KENDALL SQUARE
Project Number: 112C08712-03

Lab Number: L2200184
Report Date: 01/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 141,8270E-SIM
Analytical Date: 01/06/22 15:57
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 01/05/22 08:19

Parameter	Result	Qualifier	Units	RL	MDL
MCP Semivolatile Organics by SIM - Westborough Lab for sample(s): 01 Batch: WG1590750-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.01
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.08
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: KENDALL SQUARE
Project Number: 112C08712-03
Lab Number: L2200184
Report Date: 01/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 141,8270E-SIM
Analytical Date: 01/06/22 15:57
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 01/05/22 08:19

Parameter	Result	Qualifier	Units	RL	MDL
MCP Semivolatile Organics by SIM - Westborough Lab for sample(s): 01 Batch: WG1590750-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		15-110
Phenol-d6	54		15-110
Nitrobenzene-d5	70		30-130
2-Fluorobiphenyl	73		30-130
2,4,6-Tribromophenol	82		15-110
4-Terphenyl-d14	78		30-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: KENDALL SQUARE
Project Number: 112C08712-03

Lab Number: L2200184
Report Date: 01/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Semivolatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG1590748-2 WG1590748-3								
Acenaphthene	72		67		40-140	7		20
1,2,4-Trichlorobenzene	70		64		40-140	9		20
Hexachlorobenzene	61		63		40-140	3		20
Bis(2-chloroethyl)ether	73		65		40-140	12		20
2-Chloronaphthalene	75		69		40-140	8		20
1,2-Dichlorobenzene	68		60		40-140	13		20
1,3-Dichlorobenzene	66		60		40-140	10		20
1,4-Dichlorobenzene	66		59		40-140	11		20
3,3'-Dichlorobenzidine	70		69		40-140	1		20
2,4-Dinitrotoluene	76		75		40-140	1		20
2,6-Dinitrotoluene	83		81		40-140	2		20
Azobenzene	70		67		40-140	4		20
Fluoranthene	78		79		40-140	1		20
4-Bromophenyl phenyl ether	71		71		40-140	0		20
Bis(2-chloroisopropyl)ether	85		77		40-140	10		20
Bis(2-chloroethoxy)methane	76		68		40-140	11		20
Hexachlorobutadiene	68		62		40-140	9		20
Hexachloroethane	61		55		40-140	10		20
Isophorone	76		66		40-140	14		20
Naphthalene	70		63		40-140	11		20
Nitrobenzene	70		63		40-140	11		20
Bis(2-ethylhexyl)phthalate	98		106		40-140	8		20
Butyl benzyl phthalate	88		91		40-140	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: KENDALL SQUARE
Project Number: 112C08712-03

Lab Number: L2200184
Report Date: 01/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Semivolatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG1590748-2 WG1590748-3								
Di-n-butylphthalate	81		82		40-140	1		20
Di-n-octylphthalate	97		100		40-140	3		20
Diethyl phthalate	73		70		40-140	4		20
Dimethyl phthalate	69		68		40-140	1		20
Benzo(a)anthracene	77		77		40-140	0		20
Benzo(a)pyrene	75		72		40-140	4		20
Benzo(b)fluoranthene	88		79		40-140	11		20
Benzo(k)fluoranthene	75		84		40-140	11		20
Chrysene	76		75		40-140	1		20
Acenaphthylene	75		70		40-140	7		20
Anthracene	73		75		40-140	3		20
Benzo(ghi)perylene	78		75		40-140	4		20
Fluorene	75		70		40-140	7		20
Phenanthrene	70		70		40-140	0		20
Dibenzo(a,h)anthracene	74		73		40-140	1		20
Indeno(1,2,3-cd)pyrene	80		71		40-140	12		20
Pyrene	77		78		40-140	1		20
Biphenyl	81		74		40-140	9		20
Aniline	50		46		40-140	8		20
4-Chloroaniline	67		52		40-140	**25**	Q	20
Dibenzofuran	73		68		40-140	7		20
2-Methylnaphthalene	73		67		40-140	9		20
Acetophenone	78		70		40-140	11		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: KENDALL SQUARE
Project Number: 112C08712-03

Lab Number: L2200184
Report Date: 01/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Semivolatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG1590748-2 WG1590748-3								
2,4,6-Trichlorophenol	79		76		30-130	4		20
2-Chlorophenol	74		65		30-130	13		20
2,4-Dichlorophenol	78		70		30-130	11		20
2,4-Dimethylphenol	67		58		30-130	14		20
2-Nitrophenol	75		68		30-130	10		20
4-Nitrophenol	64		64		30-130	0		20
2,4-Dinitrophenol	49		53		30-130	8		20
Pentachlorophenol	59		61		30-130	3		20
Phenol	69		63		30-130	9		20
2-Methylphenol	75		67		30-130	11		20
3-Methylphenol/4-Methylphenol	76		71		30-130	7		20
2,4,5-Trichlorophenol	78		78		30-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	72		63		15-110
Phenol-d6	76		68		15-110
Nitrobenzene-d5	76		66		30-130
2-Fluorobiphenyl	78		69		30-130
2,4,6-Tribromophenol	67		61		15-110
4-Terphenyl-d14	82		83		30-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: KENDALL SQUARE
Project Number: 112C08712-03

Lab Number: L2200184
Report Date: 01/17/22

MCP Semivolatile Organics by SIM - Westborough Lab Associated sample(s): 01 Batch: WG1590750-2 WG1590750-3

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Acenaphthene	88		83		40-140	6		20
2-Chloronaphthalene	90		86		40-140	5		20
Fluoranthene	97		90		40-140	7		20
Hexachlorobutadiene	78		77		40-140	1		20
Naphthalene	81		79		40-140	3		20
Benzo(a)anthracene	94		87		40-140	8		20
Benzo(a)pyrene	94		86		40-140	9		20
Benzo(b)fluoranthene	103		96		40-140	7		20
Benzo(k)fluoranthene	104		93		40-140	11		20
Chrysene	93		85		40-140	9		20
Acenaphthylene	94		90		40-140	4		20
Anthracene	94		88		40-140	7		20
Benzo(ghi)perylene	97		88		40-140	10		20
Fluorene	93		88		40-140	6		20
Phenanthrene	88		83		40-140	6		20
Dibenzo(a,h)anthracene	102		93		40-140	9		20
Indeno(1,2,3-cd)pyrene	102		94		40-140	8		20
Pyrene	97		90		40-140	7		20
2-Methylnaphthalene	85		82		40-140	4		20
Pentachlorophenol	81		79		30-130	3		20
Hexachlorobenzene	89		83		40-140	7		20
Hexachloroethane	75		75		40-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: KENDALL SQUARE

Project Number: 112C08712-03

Lab Number: L2200184

Report Date: 01/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Semivolatile Organics by SIM - Westborough Lab Associated sample(s): 01 Batch: WG1590750-2 WG1590750-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		67		15-110
Phenol-d6	67		65		15-110
Nitrobenzene-d5	86		85		30-130
2-Fluorobiphenyl	89		85		30-130
2,4,6-Tribromophenol	98		89		15-110
4-Terphenyl-d14	95		87		30-130

PETROLEUM HYDROCARBONS

Project Name: KENDALL SQUARE
Project Number: 112C08712-03
Lab Number: L2200184
Report Date: 01/17/22

SAMPLE RESULTS

Lab ID: L2200184-01
Client ID: CR-01
Sample Location: CAMBRIDGE, MA

Date Collected: 01/03/22 13:35
Date Received: 01/03/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 131,VPH-18-2.1
Analytical Date: 01/06/22 16:26
Analyst: BAD

Trap: EST, Carbopack B/Carboxen 1000&1001

Analytical Column: Restek, RTX-502.2, 105m, 0.53ID, 3um

Quality Control Information

Condition of sample received: Satisfactory
Aqueous Preservative: Laboratory Provided Preserved Container
Sample Temperature upon receipt: Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		ug/l	100	100.	1
C9-C12 Aliphatics	ND		ug/l	100	100.	1
C9-C10 Aromatics	ND		ug/l	100	100.	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	100	100.	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	100	100.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	92		70-130
2,5-Dibromotoluene-FID	96		70-130

Project Name: KENDALL SQUARE
Project Number: 112C08712-03
Lab Number: L2200184
Report Date: 01/17/22

SAMPLE RESULTS

Lab ID:	L2200184-01	Date Collected:	01/03/22 13:35
Client ID:	CR-01	Date Received:	01/03/22
Sample Location:	CAMBRIDGE, MA	Field Prep:	Not Specified
Sample Depth:			
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	135,EPH-19-2.1	Extraction Date:	01/10/22 08:45
Analytical Date:	01/12/22 12:57	Cleanup Method1:	EPH-19-2.1
Analyst:	MEO	Cleanup Date1:	01/11/22

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	ND		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	68		40-140
o-Terphenyl	59		40-140
2-Fluorobiphenyl	75		40-140
2-Bromonaphthalene	77		40-140

Project Name: KENDALL SQUARE
Project Number: 112C08712-03
Lab Number: L2200184
Report Date: 01/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 131,VPH-18-2.1
Analytical Date: 01/06/22 13:09
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 01 Batch: WG1591780-4					
C5-C8 Aliphatics	ND		ug/l	100	100.
C9-C12 Aliphatics	ND		ug/l	100	100.
C9-C10 Aromatics	ND		ug/l	100	100.
C5-C8 Aliphatics, Adjusted	ND		ug/l	100	100.
C9-C12 Aliphatics, Adjusted	ND		ug/l	100	100.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	90		70-130
2,5-Dibromotoluene-FID	94		70-130

Project Name: KENDALL SQUARE
Project Number: 112C08712-03
Lab Number: L2200184
Report Date: 01/17/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 135,EPH-19-2.1
Analytical Date: 01/12/22 11:43
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 01/10/22 08:45
Cleanup Method: EPH-19-2.1
Cleanup Date: 01/11/22

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01 Batch: WG1592261-1					
C9-C18 Aliphatics	ND		ug/l	100	100.
C19-C36 Aliphatics	ND		ug/l	100	100.
C11-C22 Aromatics	ND		ug/l	100	100.
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	64		40-140
o-Terphenyl	59		40-140
2-Fluorobiphenyl	77		40-140
2-Bromonaphthalene	78		40-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: KENDALL SQUARE
Project Number: 112C08712-03

Lab Number: L2200184
Report Date: 01/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01 Batch: WG1591780-2 WG1591780-3								
C5-C8 Aliphatics	94		105		70-130	11		25
C9-C12 Aliphatics	97		109		70-130	12		25
C9-C10 Aromatics	84		94		70-130	12		25
Benzene	85		96		70-130	12		25
Toluene	85		95		70-130	12		25
Ethylbenzene	86		98		70-130	12		25
p/m-Xylene	87		97		70-130	12		25
o-Xylene	86		97		70-130	12		25
Methyl tert butyl ether	84		97		70-130	15		25
Naphthalene	79		94		70-130	17		25
1,2,4-Trimethylbenzene	84		94		70-130	12		25
Pentane	93		105		70-130	12		25
2-Methylpentane	95		107		70-130	12		25
2,2,4-Trimethylpentane	94		106		70-130	12		25
n-Nonane	97		109		30-130	11		25
n-Decane	97		108		70-130	11		25
n-Butylcyclohexane	96		108		70-130	11		25

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	85		96		70-130
2,5-Dibromotoluene-FID	88		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: KENDALL SQUARE
Project Number: 112C08712-03

Lab Number: L2200184
Report Date: 01/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01 Batch: WG1592261-2 WG1592261-3								
C9-C18 Aliphatics	59		53		40-140	11		25
C19-C36 Aliphatics	82		73		40-140	12		25
C11-C22 Aromatics	65		65		40-140	0		25
Naphthalene	63		63		40-140	0		25
2-Methylnaphthalene	64		64		40-140	0		25
Acenaphthylene	62		63		40-140	2		25
Acenaphthene	66		66		40-140	0		25
Fluorene	62		64		40-140	3		25
Phenanthrene	62		64		40-140	3		25
Anthracene	64		65		40-140	2		25
Fluoranthene	64		64		40-140	0		25
Pyrene	63		64		40-140	2		25
Benzo(a)anthracene	63		64		40-140	2		25
Chrysene	62		63		40-140	2		25
Benzo(b)fluoranthene	60		60		40-140	0		25
Benzo(k)fluoranthene	58		59		40-140	2		25
Benzo(a)pyrene	61		62		40-140	2		25
Indeno(1,2,3-cd)Pyrene	56		57		40-140	2		25
Dibenzo(a,h)anthracene	60		61		40-140	2		25
Benzo(ghi)perylene	56		57		40-140	2		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: KENDALL SQUARE

Project Number: 112C08712-03

Lab Number: L2200184

Report Date: 01/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01 Batch: WG1592261-2 WG1592261-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	71		63		40-140
o-Terphenyl	59		59		40-140
2-Fluorobiphenyl	71		73		40-140
2-Bromonaphthalene	72		74		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

METALS

Project Name: KENDALL SQUARE
Lab Number: L2200184
Project Number: 112C08712-03
Report Date: 01/17/22

SAMPLE RESULTS

Lab ID: L2200184-01
Client ID: CR-01
Sample Location: CAMBRIDGE, MA
Date Collected: 01/03/22 13:35
Date Received: 01/03/22
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/11/22 09:47	01/16/22 18:20	EPA 3005A	3,200.8	SV
Arsenic, Total	0.00093	J	mg/l	0.00100	0.00016	1	01/11/22 09:47	01/16/22 18:20	EPA 3005A	3,200.8	SV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/11/22 09:47	01/16/22 18:20	EPA 3005A	3,200.8	SV
Chromium, Total	0.00065	J	mg/l	0.00100	0.00017	1	01/11/22 09:47	01/16/22 18:20	EPA 3005A	3,200.8	SV
Copper, Total	0.00344		mg/l	0.00100	0.00038	1	01/11/22 09:47	01/16/22 18:20	EPA 3005A	3,200.8	SV
Iron, Total	0.448		mg/l	0.050	0.009	1	01/11/22 09:47	01/11/22 22:01	EPA 3005A	19,200.7	MC
Lead, Total	0.00116		mg/l	0.00100	0.00034	1	01/11/22 09:47	01/16/22 18:20	EPA 3005A	3,200.8	SV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/11/22 09:52	01/15/22 16:41	EPA 245.1	3,245.1	NB
Nickel, Total	0.00065	J	mg/l	0.00200	0.00055	1	01/11/22 09:47	01/16/22 18:20	EPA 3005A	3,200.8	SV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/11/22 09:47	01/16/22 18:20	EPA 3005A	3,200.8	SV
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/11/22 09:47	01/16/22 18:20	EPA 3005A	3,200.8	SV
Zinc, Total	0.02470		mg/l	0.01000	0.00341	1	01/11/22 09:47	01/16/22 18:20	EPA 3005A	3,200.8	SV
Total Hardness by SM 2340B - Mansfield Lab											
Hardness	74.8		mg/l	0.660	NA	1	01/11/22 09:47	01/11/22 22:01	EPA 3005A	19,200.7	MC

Project Name: KENDALL SQUARE
Project Number: 112C08712-03
Lab Number: L2200184
Report Date: 01/17/22

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1592487-1										
Iron, Total	ND		mg/l	0.050	0.009	1	01/11/22 09:47	01/11/22 19:44	19,200.7	MC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Hardness by SM 2340B - Mansfield Lab for sample(s): 01 Batch: WG1592487-1										
Hardness	ND		mg/l	0.660	NA	1	01/11/22 09:47	01/11/22 19:44	19,200.7	MC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1592491-1										
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/11/22 09:47	01/16/22 16:01	3,200.8	SV
Arsenic, Total	ND		mg/l	0.00100	0.00016	1	01/11/22 09:47	01/16/22 16:01	3,200.8	SV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/11/22 09:47	01/16/22 16:01	3,200.8	SV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	01/11/22 09:47	01/16/22 16:01	3,200.8	SV
Copper, Total	ND		mg/l	0.00100	0.00038	1	01/11/22 09:47	01/16/22 16:01	3,200.8	SV
Lead, Total	ND		mg/l	0.00100	0.00034	1	01/11/22 09:47	01/16/22 16:01	3,200.8	SV
Nickel, Total	ND		mg/l	0.00200	0.00055	1	01/11/22 09:47	01/16/22 16:01	3,200.8	SV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/11/22 09:47	01/16/22 16:01	3,200.8	SV
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/11/22 09:47	01/16/22 16:01	3,200.8	SV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	01/11/22 09:47	01/16/22 16:01	3,200.8	SV

Prep Information

Digestion Method: EPA 3005A

Project Name: KENDALL SQUARE
Project Number: 112C08712-03
Lab Number: L2200184
Report Date: 01/17/22

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1592492-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/11/22 09:52	01/15/22 16:03	3,245.1	NB

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis

Batch Quality Control

Project Name: KENDALL SQUARE

Project Number: 112C08712-03

Lab Number: L2200184

Report Date: 01/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1592487-2								
Iron, Total	103		-		85-115	-		
Total Hardness by SM 2340B - Mansfield Lab Associated sample(s): 01 Batch: WG1592487-2								
Hardness	104		-		85-115	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1592491-2								
Antimony, Total	96		-		85-115	-		
Arsenic, Total	102		-		85-115	-		
Cadmium, Total	103		-		85-115	-		
Chromium, Total	108		-		85-115	-		
Copper, Total	104		-		85-115	-		
Lead, Total	103		-		85-115	-		
Nickel, Total	104		-		85-115	-		
Selenium, Total	102		-		85-115	-		
Silver, Total	110		-		85-115	-		
Zinc, Total	105		-		85-115	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1592492-2								
Mercury, Total	100		-		85-115	-		

INORGANICS
&
MISCELLANEOUS

Project Name: KENDALL SQUARE
Project Number: 112C08712-03

Lab Number: L2200184
Report Date: 01/17/22

SAMPLE RESULTS

Lab ID: L2200184-01
Client ID: CR-01
Sample Location: CAMBRIDGE, MA

Sample Depth:
Matrix: Water

Date Collected: 01/03/22 13:35
Date Received: 01/03/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
pH (H)	7.3		SU	-	NA	1	-	01/04/22 02:15	121,4500H+-B	KA
Nitrogen, Ammonia	0.189		mg/l	0.075	0.024	1	01/12/22 03:45	01/12/22 21:05	121,4500NH3-BH	AT
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	01/04/22 01:40	01/04/22 01:58	1,7196A	KA

Project Name: KENDALL SQUARE
Project Number: 112C08712-03
Lab Number: L2200184
Report Date: 01/17/22

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: WG1590135-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	01/04/22 01:40	01/04/22 01:57	1,7196A	KA
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1592991-1										
Nitrogen, Ammonia	0.025	J	mg/l	0.075	0.024	1	01/12/22 03:45	01/12/22 20:57	121,4500NH3-BH	AT

Lab Control Sample Analysis

Batch Quality Control

Project Name: KENDALL SQUARE

Project Number: 112C08712-03

Lab Number: L2200184

Report Date: 01/17/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1590135-2								
Chromium, Hexavalent	107		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1590155-1								
pH	100		-		99-101	-		5
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1592991-2								
Nitrogen, Ammonia	100		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: KENDALL SQUARE
Project Number: 112C08712-03

Lab Number: L2200184
Report Date: 01/17/22

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: WG1590135-4 QC Sample: L2200184-01 Client ID: CR-01												
Chromium, Hexavalent	ND	0.1	0.105	105		-	-		85-115	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: KENDALL SQUARE
Project Number: 112C08712-03

Lab Number: L2200184
Report Date: 01/17/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1590135-3 QC Sample: L2200184-01 Client ID: CR-01						
Chromium, Hexavalent	ND	ND	mg/l	NC		20

Project Name: KENDALL SQUARE
Project Number: 112C08712-03

Lab Number: L2200184
Report Date: 01/17/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2200184-01A	Vial HCl preserved	A	NA		2.1	Y	Absent		MCP-8260-21(14)
L2200184-01B	Vial HCl preserved	A	NA		2.1	Y	Absent		MCP-8260-21(14)
L2200184-01C	Vial HCl preserved	A	NA		2.1	Y	Absent		MCP-8260-21(14)
L2200184-01D	Vial HCl preserved	A	NA		2.1	Y	Absent		VPH-18(14)
L2200184-01E	Vial HCl preserved	A	NA		2.1	Y	Absent		VPH-18(14)
L2200184-01F	Vial HCl preserved	A	NA		2.1	Y	Absent		VPH-18(14)
L2200184-01G	Plastic 250ml unpreserved	A	7	7	2.1	Y	Absent		HEXCR-7196(1),PH-4500(.01)
L2200184-01H	Plastic 250ml HNO3 preserved	A	<2	<2	2.1	Y	Absent		CD-2008T(180),NI-2008T(180),ZN-2008T(180),HARDU(180),CU-2008T(180),FE-UI(180),AS-2008T(180),AG-2008T(180),HG-U(28),SE-2008T(180),PB-2008T(180),SB-2008T(180),CR-2008T(180)
L2200184-01I	Amber 250ml unpreserved	A	7	7	2.1	Y	Absent		MCP-8270SIM-21-LVI(7),MCP-8270-21-LVI(7)
L2200184-01J	Amber 250ml unpreserved	A	7	7	2.1	Y	Absent		MCP-8270SIM-21-LVI(7),MCP-8270-21-LVI(7)
L2200184-01K	Plastic 500ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		NH3-4500(28)
L2200184-01L	Amber 1000ml HCl preserved	A	<2	<2	2.1	Y	Absent		EPH-20(14)
L2200184-01M	Amber 1000ml HCl preserved	A	<2	<2	2.1	Y	Absent		EPH-20(14)

*Values in parentheses indicate holding time in days

Project Name:	KENDALL SQUARE	**Lab Number:**	L2200184
Project Number:	112C08712-03	**Report Date:**	01/17/22

GLOSSARY

Acronyms

DL	- 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 limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
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. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	KENDALL SQUARE	**Lab Number:**	L2200184
Project Number:	112C08712-03	**Report Date:**	01/17/22

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

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.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

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.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

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.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	KENDALL SQUARE	**Lab Number:**	L2200184
Project Number:	112C08712-03	**Report Date:**	01/17/22

Data Qualifiers

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.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	KENDALL SQUARE	**Lab Number:**	L2200184
Project Number:	112C08712-03	**Report Date:**	01/17/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.

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.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

131 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MassDEP, February 2018, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of VPH under the Massachusetts Contingency Plan, WSC-CAM-IVA, June 1, 2018.

135 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MassDEP, December 2019, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of EPH under the Massachusetts Contingency Plan, WSC-CAM-IVB, March 1, 2020.

141 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 and IIB, November 2021.

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

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
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.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, 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, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL
8 Walkup Drive, Westboro, MA 01581, Tel: 508-898-9220
320 Forbes Blvd, Mansfield, MA 02048, Tel: 508-822-9300

Date Rec'd in Lab: 1/3/22

ALPHA Job #: L2200184

Client Information

Client: Tetra Tech
Address: 5 Industrial Way, Ste. 2B
Salem, NH 03079
Phone: jamie.greasen@tetratech.com
Email: (603) 328-1476

Additional Project Information:

Project Information

Project Name: Kendall Square
Project Location: Cambridge, MA
Project #: 112C08712 03
Project Manager: James Greasen
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due:

Report Information - Data Deliverables

☒ ADEx ☒ EMAIL

Billing Information

☐ Same as Client info PO #: 1163804

Regulatory Requirements & Project Information Requirements

☒ Yes ☐ No MA MCP Analytical Methods ☐ Yes ☒ No CT RCP Analytical Methods
☐ Yes ☒ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☒ No GW1 Standards (Info Required for Metals & EPH with Targets)
☒ Yes ☐ No NPDES RGP
☐ Other State /Fed Program _____ Criteria _____

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	VOC: ☒ 8260 ☐ 624 ☐ 524.2	SVOC: ☒ ABN ☐ PAH	METALS: ☐ MCP 13 ☒ MCP 14 ☐ RCP 15	METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13	EPH: ☐ Ranges & Targets ☒ Ranges Only	VPH: ☐ Ranges & Targets ☒ Ranges Only	☐ PCB ☐ PEST	TPH: ☐ Quant Only ☐ Fingerprint	Hexavalent Chromium EPA 7196	pH - Hydrogen Ion SM4500	Ammonia-Nitrogen SM4500	Total hardness	SAMPLE INFO (Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do) / Sample Comments	TOTAL # BOTTLES
0184-01	CR-01	1/3/22	13:35	AQ	KP	3	2	1		2	3			1	1				13

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Container Type																			
Preservative																			

Relinquished By:	Date/Time	Received By:	Date/Time
Katie Puckett	1/3/2022 15:43		1573

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

Method Blank Summary
Form 4
Volatiles

Client	: Tetra Tech, Inc.	**Lab Number**	: L2200184
Project Name	: KENDALL SQUARE	**Project Number**	: 112C08712-03
Lab Sample ID	: WG1591109-5	**Lab File ID**	: J220105B06
Instrument ID	: JACK2		
Matrix	: LIQUID	**Analysis Date**	: 01/05/22 05:31

Client Sample No.	Lab Sample ID	Analysis Date
WG1591109-3LCS	WG1591109-3	01/05/22 04:10
WG1591109-4LCSD	WG1591109-4	01/05/22 04:51
CR-01	L2200184-01	01/05/22 09:38

Calibration Verification Summary
Form 7
Volatiles

Client	: Tetra Tech, Inc.	**Lab Number**	: L2200184
Project Name	: KENDALL SQUARE	**Project Number**	: 112C08712-03
Instrument ID	: JACK2	**Calibration Date**	: 01/05/22 04:10
Lab File ID	: J220105B02	**Init. Calib. Date(s)**	: 12/23/21 12/23/21
Sample No	: WG1591109-2	**Init. Calib. Times**	: 08:01 12:46
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	81	0
Dichlorodifluoromethane	0.62	0.524	-	15.5	20	67	0
Chloromethane	0.619	0.633	-	-2.3	20	82	0
Vinyl chloride	0.655	0.75	-	-14.5	20	90	0
Bromomethane	10	12.289	-	-22.9*	20	125	0
Chloroethane	0.399	0.551	-	-38.1*	20	107	0
Trichlorofluoromethane	0.892	0.87	-	2.5	20	75	0
Ethyl ether	0.305	0.308	-	-1	20	87	0
1,1-Dichloroethene	0.461	0.451	-	2.2	20	76	0
Carbon disulfide	1.299	1.239	-	4.6	20	77	0
Freon-113	0.524	0.526	-	-0.4	20	78	0
Acrolein	0.087	0.095	-	-9.2	20	91	0
Methylene chloride	0.563	0.547	-	2.8	20	81	0
Acetone	0.23	0.288	-	-25.2*	20	106	0
trans-1,2-Dichloroethene	0.54	0.505	-	6.5	20	77	0
Methyl acetate	0.497	0.519	-	-4.4	20	92	0
Methyl tert-butyl ether	1.637	1.538	-	6	20	80	0
tert-Butyl alcohol	0.068	0.087	-	-27.9*	20	120	0
Diisopropyl ether	2.106	2.229	-	-5.8	20	89	0
1,1-Dichloroethane	1.06	1.095	-	-3.3	20	83	0
Halothane	0.448	0.444	-	0.9	20	81	0
Acrylonitrile	0.223	0.258	-	-15.7	20	97	0
Ethyl tert-butyl ether	1.774	1.752	-	1.2	20	85	0
Vinyl acetate	1.475	1.665	-	-12.9	20	97	0
cis-1,2-Dichloroethene	0.604	0.597	-	1.2	20	81	0
2,2-Dichloropropane	0.87	0.835	-	4	20	81	0
Bromochloromethane	0.294	0.294	-	0	20	81	0
Cyclohexane	1.013	1.001	-	1.2	20	79	0
Chloroform	1.055	1.057	-	-0.2	20	83	0
Ethyl acetate	0.713	0.816	-	-14.4	20	99	0
Carbon tetrachloride	0.77	0.728	-	5.5	20	78	0
Tetrahydrofuran	0.253	0.272	-	-7.5	20	88	0
Dibromofluoromethane	0.287	0.31	-	-8	20	87	0
1,1,1-Trichloroethane	0.905	0.833	-	8	20	75	0
2-Butanone	0.358	0.41	-	-14.5	20	103	0
1,1-Dichloropropene	0.781	0.78	-	0.1	20	81	0
Benzene	2.24	2.268	-	-1.2	20	85	0
tert-Amyl methyl ether	1.623	1.572	-	3.1	20	84	0
1,2-Dichloroethane-d4	0.367	0.345	-	6	20	77	0
1,2-Dichloroethane	0.857	0.848	-	1.1	20	83	0
Methyl cyclohexane	1.041	1.008	-	3.2	20	80	0
Trichloroethene	0.594	0.579	-	2.5	20	80	0
Dibromomethane	0.38	0.385	-	-1.3	20	88	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: Tetra Tech, Inc.		**Lab Number**	: L2200184	
Project Name	: KENDALL SQUARE		**Project Number**	: 112C08712-03	
Instrument ID	: JACK2		**Calibration Date**	: 01/05/22 04:10	
Lab File ID	: J220105B02		**Init. Calib. Date(s)**	: 12/23/21	12/23/21
Sample No	: WG1591109-2		**Init. Calib. Times**	: 08:01	12:46
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.607	0.668	-	-10	20	90	0
2-Chloroethyl vinyl ether	0.372	0.402	-	-8.1	20	92	0
Bromodichloromethane	0.835	0.886	-	-6.1	20	89	0
1,4-Dioxane	0.00575	0.00762*	-	-32.5*	20	98	0
cis-1,3-Dichloropropene	0.968	1	-	-3.3	20	86	0
Chlorobenzene-d5	1	1	-	0	20	95	0
Toluene-d8	1.138	1.023	-	10.1	20	83	0
Toluene	1.503	1.286	-	14.4	20	83	0
4-Methyl-2-pentanone	0.254	0.241	-	5.1	20	97	0
Tetrachloroethene	0.721	0.568	-	21.2*	20	75	0
trans-1,3-Dichloropropene	0.879	0.809	-	8	20	93	0
Ethyl methacrylate	0.793	0.735	-	7.3	20	93	0
1,1,2-Trichloroethane	0.445	0.442	-	0.7	20	99	0
Chlorodibromomethane	0.618	0.558	-	9.7	20	94	0
1,3-Dichloropropane	0.896	0.85	-	5.1	20	93	0
1,2-Dibromoethane	0.54	0.465	-	13.9	20	83	0
2-Hexanone	0.572	0.592	-	-3.5	20	103	0
Chlorobenzene	1.694	1.554	-	8.3	20	88	0
Ethylbenzene	2.895	2.689	-	7.1	20	88	0
1,1,1,2-Tetrachloroethane	0.602	0.57	-	5.3	20	95	0
p/m Xylene	1.203	1.098	-	8.7	20	88	0
o Xylene	1.183	1.078	-	8.9	20	88	0
Styrene	1.986	1.908	-	3.9	20	90	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	87	0
Bromoform	0.713	0.588	-	17.5	20	87	0
Isopropylbenzene	4.997	4.867	-	2.6	20	87	0
4-Bromofluorobenzene	0.783	0.746	-	4.7	20	86	0
Bromobenzene	1.276	1.156	-	9.4	20	83	0
n-Propylbenzene	5.754	5.867	-	-2	20	91	0
1,4-Dichlorobutane	1.651	1.73	-	-4.8	20	98	0
1,1,2,2-Tetrachloroethane	1.12	1.228	-	-9.6	20	100	0
4-Ethyltoluene	4.977	4.888	-	1.8	20	88	0
2-Chlorotoluene	3.827	3.785	-	1.1	20	89	0
1,3,5-Trimethylbenzene	4.152	4.084	-	1.6	20	87	0
1,2,3-Trichloropropane	0.968	0.993	-	-2.6	20	93	0
trans-1,4-Dichloro-2-buten	10	9.735	-	2.7	20	102	0
4-Chlorotoluene	3.461	3.329	-	3.8	20	88	0
tert-Butylbenzene	3.566	3.526	-	1.1	20	87	0
1,2,4-Trimethylbenzene	4.141	4.09	-	1.2	20	88	0
sec-Butylbenzene	5.525	5.597	-	-1.3	20	89	0
p-Isopropyltoluene	4.616	4.668	-	-1.1	20	88	0
1,3-Dichlorobenzene	2.467	2.396	-	2.9	20	87	0
1,4-Dichlorobenzene	2.463	2.383	-	3.2	20	88	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Volatiles

Client	: Tetra Tech, Inc.		**Lab Number**	: L2200184	
Project Name	: KENDALL SQUARE		**Project Number**	: 112C08712-03	
Instrument ID	: JACK2		**Calibration Date**	: 01/05/22 04:10	
Lab File ID	: J220105B02		**Init. Calib. Date(s)**	: 12/23/21	12/23/21
Sample No	: WG1591109-2		**Init. Calib. Times**	: 08:01	12:46
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	2.752	2.683	-	2.5	20	88	0
n-Butylbenzene	3.934	4.179	-	-6.2	20	94	0
1,2-Dichlorobenzene	2.297	2.259	-	1.7	20	89	0
1,2,4,5-Tetramethylbenzene	3.903	3.856	-	1.2	20	91	0
1,2-Dibromo-3-chloropropan	0.223	0.204	-	8.5	20	86	0
1,3,5-Trichlorobenzene	1.729	1.591	-	8	20	82	0
Hexachlorobutadiene	0.615	0.558	-	9.3	20	82	0
1,2,4-Trichlorobenzene	1.421	1.322	-	7	20	85	0
Naphthalene	3.732	3.66	-	1.9	20	92	0
1,2,3-Trichlorobenzene	1.281	1.218	-	4.9	20	85	0

*** Value outside of QC limits.**