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

CERTIFIED MAIL RETURN RECEIPT REQUESTED

APR 0 1 2015

Rhona Murray
Area Construction Manager
690 Canton Street, Suite 310
Westwood, MA 02090

Re: Authorization to discharge under the Remediation General Permit (RGP) – MAG910000. McDonalds restaurant site redevelopment located at 143 Medway Road, Milford, MA 01757-2913, Worcester County; Authorization # MAG910672

Dear Mrs. Murray:

Based on the review of a Notice of Intent (NOI) submitted by Adam Last from Corporate Environmental Advisors, Inc., on behalf of McDonald's USA, LLC for the site referenced above, the U.S. Environmental Protection Agency (EPA) hereby authorizes you, as the named Operator to discharge in accordance with the provisions of the RGP at that site. Your authorization number is listed above.

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

Please note the enclosed checklist includes parameters your consultant marked "Believed Present".

Also, please note that the metals included on the checklist are dilution dependent pollutants and subject to discharge limitations based on a dilution factor range (DFR). Because of the limited dilution at Stall Brook where the effluent will be discharged, EPA determined that the DFR for

each parameter is in the one and five (1-5) range. (See the RGP Appendix IV for Massachusetts facilities) Therefore, the limit for lead of 1.3 ug/L, and iron of 1,000 ug/L, are required to achieve permit compliance at your site.

This general permit and authorization to discharge will expire on September 9, 2015. You have reported this project will be completed on June 30, 2015. You are required to submit a Notice of Termination (NOT) to the attention of the contact person indicated below within 30 days of project completion.

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

Sincerely,

Thelma Murphy

Thelma Murphy, Chief
Storm Water and Construction
Permits Section

Enclosure

cc: Robert Kubit, MassDEP
Richard A. Villani, Milford Town Administrator

2010 Remediation General Permit
Summary of Monitoring Parameters[1]

NPDES Authorization Number:	**MAG910672**
Authorization Issued:	March 30, 2015
Facility/Site Name:	McDonal's restaurant site redevelopment
Facility/Site Address:	143 Medway Road, Milford, MA 01757-2913, Worcester County
	Email address of owner: Rhona.Murray@us.mcd.com
Legal Name of Operator:	McDonal's USA, LLC
Operator contact name, title, and Address:	Adam Last. PE. LSP for the site & Rhona Murray, Area Construction Manager, 690 Canton St. Suite 310, Westwood, MA 02090, Norfolk
	Email: Rhona Muray@us.mcd.com
Estimated date of The Project Completion:	June 30, 2015
Category and Sub-Category:	Category I- Petroleum Site Remediation. Subcategory A. Gasoline Only Sites
RGP Termination Date:	September 2015
Receiving Water:	Stall Brook

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

	Parameter	**Effluent Limit/Method#/ML** (All Effluent Limits are shown as Daily Maximum Limit, unless denoted by a **, in that case it will be a Monthly Average Limit)
√	1. Total Suspended Solids (TSS)	30 milligrams/liter (mg/L) **, 50 mg/L for hydrostatic testing ** Me#160.2/ML5ug/L
	2. Total Residual Chlorine (TRC) [1]	Freshwater = 11 ug/L ** Saltwater = 7.5 ug/L **/ Me#330.5/ML 20ug/L
√	3. Total Petroleum Hydrocarbons (TPH)	5.0 mg/L/ Me# 1664A/ML 5.0mg/L
	4. Cyanide (CN) [2, 3]	Freshwater = 5.2 ug/l ** Saltwater = 1.0 ug/L **/ Me#335.4/ML 10ug/L
√	5. Benzene (B)	5ug/L /50.0 ug/L for hydrostatic testing only/ Me#8260C/ML 2 ug/L
√	6. Toluene (T)	(limited as ug/L total BTEX)/ Me#8260C/ ML 2ug/L
√	7. Ethylbenzene (E)	(limited as ug/L total BTEX) Me#8260C/ ML 2ug/L
√	8. (m,p,o) Xylenes (X)	(limited as ug/L total BTEX) Me#8260C/ ML 2ug/L
√	9. Total Benzene, Toluene, Ethyl Benzene, and Xylenes (BTEX) [4]	100 ug/L/ Me#8260C/ ML 2ug/L

√	10. Ethylene Dibromide (EDB) (1,2- Dibromoethane)	0.05 ug/l/ Me#8260C/ ML 10ug/L
√	11. Methyl-tert-Butyl Ether (MtBE)	70.0 ug/l/Me#8260C/ML 10ug/L
√	12.tert-Butyl Alcohol (TBA) (TertiaryButanol)	Monitor Only(ug/L)/Me#8260C/ML 10ug/L
√	13. tert-Amyl Methyl Ether (TAME)	Monitor Only(ug/L)/Me#8260C/ML 10ug/L
√	14. Naphthalene [5]	20 ug/L /Me#8260C/ML 2ug/L
	15. Carbon Tetrachloride	4.4 ug/L /Me#8260C/ ML 5ug/L
	16. 1,2 Dichlorobenzene (o-DCB)	600 ug/L /Me#8260C/ ML 5ug/L
	17. 1,3 Dichlorobenzene (m-DCB)	320 ug/L /Me#8260C/ ML 5ug/L
	18. 1,4 Dichlorobenzene (p-DCB)	5.0 ug/L /Me#8260C/ ML 5ug/L
	18a. Total dichlorobenzene	763 ug/L - NH only /Me#8260C/ ML 5ug/L
	19. 1,1 Dichloroethane (DCA)	70 ug/L /Me#8260C/ ML 5ug/L
	20. 1,2 Dichloroethane (DCA)	5.0 ug/L /Me#8260C/ ML 5ug/L
	21. 1,1 Dichloroethene (DCE)	3.2 ug/L/Me#8260C/ ML 5ug/L
	22. cis-1,2 Dichloroethene (DCE)	70 ug/L/Me#8260C/ ML 5ug/L
	23. Methylene Chloride	4.6 ug/L/Me#8260C/ ML 5ug/L
	24. Tetrachloroethene (PCE)	5.0 ug/L/Me#8260C/ ML 5ug/L
	25. 1,1,1 Trichloro-ethane (TCA)	200 ug/L/Me#8260C/ ML 5ug/L
	26. 1,1,2 Trichloro-ethane (TCA)	5.0 ug/L /Me#8260C/ ML 5ug/L
	27. Trichloroethene (TCE)	5.0 ug/L /Me#8260C/ ML 5ug/L
	28. Vinyl Chloride (Chloroethene)	2.0 ug/L /Me#8260C/ ML 5ug/L
	29. Acetone	Monitor Only(ug/L)/Me#8260C/ML 50ug/L
	30. 1,4 Dioxane	Monitor Only /Me#1624C/ML 50ug/L
	31. Total Phenols	300 ug/L Me#420.1&420.2/ML 2 ug/L/ Me# 420.4 /ML 50ug/L
	32. Pentachlorophenol (PCP)	1.0 ug/L /Me#8270D/ML 5ug/L,Me#604 &625/ML 10ug/L
	33. Total Phthalates (Phthalate esters) [6]	3.0 ug/L ** /Me#8270D/ML 5ug/L, Me#606/ML 10ug/L& Me#625/ML 5ug/L
	34. Bis (2-Ethylhexyl) Phthalate [Di- (ethylhexyl) Phthalate]	6.0 ug/L /Me#8270D/ML 5ug/L,Me#606/ML 10ug/L & Me#625/ML 5ug/L
	35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)	10.0 ug/L
	a. Benzo(a) Anthracene [7]	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	b. Benzo(a) Pyrene [7]	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	c. Benzo(b)Fluoranthene [7]	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L

	d. Benzo(k)Fluoranthene [7]	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	e. Chrysene [7]	0.0038 ug/L /Me#8270D/ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	f. Dibenzo(a,h)anthracene [7]	0.0038 ug/L /Me#8270D/ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	g. Indeno(1,2,3-cd) Pyrene [7]	0.0038 ug/L /Me#8270D/ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML5ug/L
	36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)	100 ug/L
	h. Acenaphthene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	i. Acenaphthylene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	j. Anthracene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	k. Benzo(ghi) Perylene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	l. Fluoranthene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	m. Fluorene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	n. Naphthalene [5]	20 ug/l / Me#8270/ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
	o. Phenanthrene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	p. Pyrene	X/Me#8270D/ML5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	37. Total Polychlorinated Biphenyls (PCBs) [8, 9]	0.000064 ug/L/Me# 608/ ML 0.5 ug/L
√	38. Chloride	Monitor only/Me# 300.0/ ML 100 ug/L

	Metal parameter	**Total Recoverable Metal Limit @ H [10]= 50 mg/l CaCO3 for discharges in Massachusetts (ug/l) [11/12]**		**Minimum level=ML**	
		Freshwater			
	39. Antimony	5.6/ML 10		ML 10	
	40. Arsenic **	10/ML20		ML	20
	41. Cadmium **	0.2/ML10			10
	42. Chromium III (trivalent) **	48.8/ML15			15
	43. Chromium VI (hexavalent) **	11.4		ML	10
	44. Copper **	5.2		ML	15
√	45. Lead **	1.3		ML	20
	46. Mercury **	0.9		ML	0.2
	47. Nickel **	29		ML	20
	48. Selenium **	5		ML	20

	49. Silver	1.2		ML	10
	50. Zinc **	66.6		ML	15
√	51. Iron	1,000		ML	20

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

Footnotes:

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

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

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

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

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

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

Total values calculated for reporting on NOIs and discharge monitoring reports shall be calculated by adding the measured concentration of each constituent. If the measurement of a constituent is less than the ML, the permittee shall use a value of zero for that

constituent. For each test, the permittee shall also attach the raw data for each constituent to the discharge monitoring report, including the minimum level and minimum detection level for the analysis.

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

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

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

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

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

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

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

[14] Temperature sampling per Method 170.1

CORPORATE ENVIRONMENTAL ADVISORS, INC.

Consultants | Engineers | Contractors

March 20, 2015

U.S. Environmental Protection Agency
Remediation General Permit NOI Processing
5 Post Office Square, Suite 100
Mail Code OEP06-4
Boston, Massachusetts 02109-3912
ATTN: Victor Alvarez (via email alvarez.victor@epa.gov) and
Shelley Puleo (via email puleo.shelly@epa.gov)

RE: EPA Remediation General Permit Notice of Intent
McDonald's Restaurant
143 Medway Road
Milford, Massachusetts
MassDEP RTN 2-10207
CEA File No. 7903-15

Dear Mr. Alvarez and Ms. Puleo:

On behalf of McDonald's USA, LLC (McDonald's), Corporate Environmental Advisors, Inc. (CEA) is submitting this EPA Remediation General Permit (RGP) Notice of Intent (NOI) for the above-referenced location (the "Site" or "subject property"). A copy of the NOI form is included in **Attachment A**. The Site consists of 0.922 acres of land improved with a 5,840 square foot restaurant, asphalt parking areas, and landscaped areas. The subject property is abutted to the west by the Shell-branded Service Station at 139 Medway Street, in Milford, Massachusetts. Groundwater beneath the 143 Medway Road property has been impacted by a historic petroleum release at the neighboring Shell Station property.

McDonald's proposes to demolish the existing restaurant and construct a new restaurant building in the approximate location of the existing restaurant. It is anticipated that proposed site redevelopment activities will be iniated at the Site in April 2015. Proposed redevelopment activities are being performed at the Site under a Release Abatement Measure in accordance with the Massachusetts Contingency Plan (MCP) 310 CMR 40.0000.

This Notice of Intent is being submitted in order to obtain a permit for the discharge of treated groundwater to surface water. Based on available information groundwater has been measured at the Site at depths ranging from approximately one to five feet below grade. Therefore, it is anticipated that dewatering activities and corresponding treatment of such using a temporary groundwater treatment system will be necessary to depress the groundwater table at the Site during subsurface excavation activities. A Site Locus is provided as Figure 1 and a Site Plan is provided as Figure 2. The attached Site Locus provided as Figure 1 depicts the subject property with respect to surrounding topography and Site Plan provided as Figure 2 depicts pertinent Site features.

GROUNDWATER TREATMENT SYSTEM DESIGN

The groundwater treatment system to be located on-Site will consist of electric submersible pumps which will pump groundwater from temporary dewatering wells set within the excavation area to a 21,000-gallon fractation (frac) tank for settling and temporary storage. Recovered groundwater shall be pumped

ADDRESS Hartwell Business Park
127 Hartwell Street, Suite 2, West Boylston, MA 01583
TEL 508.835.8822 | 800.358.7960
FAX 508.835.8812
WEB www.cea-inc.com

from the frac tank using a submersible pump through bag filters to remove particulates and then through two 2,000-pound liquid phase granular activated carbon adsorption (LGACA) vessels plumbed in series. The treated groundwater will pass through a flow meter and flow totalizer and be discharged to a storm drain catch basin located at the northwestern edge of the subject property within the Medway Road roadway layout. Information provided by the Town of Milford Department of Public Works (DPW) Engineering Department indicates that this storm drain is connected to the underground drainage system with the Medway Road layout and discharges to the Stall Brook, located approximately 430 feet east/southeast of the Site.

The average flow rate of the treated water discharge from the system to the storm drain system is expected to be less than 50 gallons per minute (gpm). The pumping capacity of the groundwater treatment system is 75 gpm based upon the capacity of the submersible pumps.

A process and instrumentation diagram of the treatment system is provided as Figure 3. The proposed treated water discharge location is shown on Figure 2.

GROUNDWATER PRE-CHARACTERIZATION ANALYSIS

Groundwater samples were collected from on-site monitoring wells on September 18, 2014 to evaluate concentrations of petroleum and oxygenates in groundwater. On February 11, 2015 supplemental groundwater samples were collected from existing groundwater monitoring well MW-21 to further evaluate groundwater quality. The September 18, 2014 samples were submitted to Accutest Laboratories under chain-of-custody protocol and analyzed for volatile petroleum hydrocarbons (VPH) including target volatile organic compounds (VOCs). The February 11, 2015 samples were submitted under chain-of-custody protocol to Spectrum Analytical Laboratories under chain-of-custody protocol for analysis of total suspended solids (TSS), total petroleum hydrocarbons (TPH), ethylene dibromide (EDB), total lead and total iron. Copies of the laboratory analytical reports are included in **Attachment B**.

The attached **Table 1** summarizes the groundwater analytical results for untreated/unfiltered groundwater samples collected from the site. A comparison of the results to the Appendix III effluent limitations for Category I – Petroleum Related Site Remediation, Sub Category A – Gasoline Only Sites (http://www.epa.gov/ne/npdes/remediation/RGP2010_permitAppendixIII.pdf) indicates that the concentrations of lead and TSS exceeded the monthly average, and the concentrations of iron, benzene, BTEX, and naphthalene exceeded the respective daily maximum levels. Therefore, TSS, benzene, BTEX, and naphthalene should be subject to monitoring requirements. The lead and iron exceedances are evaluated further in the following section.

RECEIVING WATERS INFORMATION

The receiving water for the treated groundwater discharge is Stall Brook, located approximately 430 feet east/southeast of the Stie. CEA consulted the online United States Geological Survey (USGS) Streamstats program (http://streamstatsags.cr.usgs.gov/gages/viewer15.htm?stabbr=GAGES) to determine the 7Q10 flow rate at the discharge location. No stream gage information was identified in the vicinity of the proposed discharge point. In the absence of stream gage information a StreamStats Flow Statistics Ungaged Report was prepared for the proposed discharge point (located at 42.1474N, -71.4863W) at the Stall Brook in Milford, MA. Data obtained from the StreamStats Flow Statistics Ungaged Report indicates that the calculated 7Q10 flow rate for this basin is 0.00708 cubic feet per second (cfs). A copy of the StreamStats Flow Statistics Ungaged Report is provided in **Attachment C**.

Based on an estimated maximum flow rate of the discharge from the groundwater treatment system of 75 gpm, the dilution factor was calculated to be 1.04. Details are provided on the following page:

Equation: DF = (Qd + Qs)/Qd

Where: DF = Dilution Factor
Qd = Maximum flow rate of the discharge in cfs
Qs = Receiving water 7Q10 flow (cfs), where,
7Q10 = the minimum flow (cfs) for 7 consecutive days with a recurrence interval of 10 years

Qd = 75 gpm x 0.00223 cfs/gpm = 0.16725 cfs
DF = (0.16725 + 0.00708)/(0.16725)
DF = 1.04

The concentrations of total iron and total lead in the untreated groundwater sample collected at the Site on February 11, 2015 were compared to a dilution factor of 1.04 (1-5) in the Appendix IV table. The discharge limits listed in the Appendix IV table are 1,000 micrograms per liter (µg/L) for iron and 1.3 µg/L for lead. For a Dilution Factor Range from 1 to 5, metals limits are calculated using DF times the base limit for the metal. Since the DF is 1.04, the iron limit will be 1,000 µg/L x 1.04 = 1,040 µg/L and the lead limit will be 1.3 µg/L x 1.04 = 1.35 µg/L.

Total iron was reported at a concentration of 476 mg/L or 476,000 µg/L in the groundwater sample collected from Site monitoring well MW-21. Total lead was reported at a concentration of 1.11 mg/L or 1,110 µg/L in the Site groundwater sample. Therefore, iron and lead should be subject to the monitoring requirements.

RECEIVING WATER CLASSIFICATION

According to 314 CMR 4.06, the portion of the Charles River that Stall Brook is a tributary to (between Dilla Street and Populatic Pond) is designated a Class B water due to aquatic life {Dilla Street to the Milford Waste Water Treatment Facility (WWTF)} and warm water (Milford WWTF to outlet Populatic Pond).

THREATENED OR ENDANGERED SPECIES OR CRITICAL HABITAT

According to the Massachusetts Geographic Information Systems (MassGIS) online Phase 1 Site Assessment Map (http://maps.massgis.state.ma.us/images/dep/mcp/mcp.htm) and Natural Heritage Endangered Species Program (NHESP) (2008) map, no Priority Habitat of Rare Species or Estimated Habitats of Rare Wildlife are located within the work area or at the proposed groundwater discharge location. Also, the MassGIS maps do not depict any Areas of Critical Environmental Concern on the Site or within one-half mile of the Site. Copies of the the MassGIS Phase I Site Assessment Map and NHESP map are sprovided as **Attachment D**. .

REVIEW OF NATIONAL REGISTER OF HISTORIC PLACES

A listing of all Historic Places within the Town of Milford was obtained from the Massachusetts Cultural Resources Information System (MACRIS) online database at http://mhc-macris.net/ on March 20, 2015. A copy of the MACRIS report is provided as **Attachment E**. The database indicates that several historic places are located in the vicinity of the Site. The project does not involve the demolition or rehabilitiation of any of the historic places identified in the database. Also, historic properties are not affected by the discharge or identified in the path of the discharges regulated by this permit, and are not identified where installation or construction of treatment systems or best management practices to control such discharges are planned.

If you have any questions or require additional information, please do not hesitate to contact the undersigned at (508)-835-8822.

Sincerely,

Adam Last, P.E., LSP
Regional Manager

cc: Mrs. Rhona Murray, McDonald's USA, LLC, 690 Canton Street, Suite 310, Westwood, MA 02090

Figures

Table

Attachments

FIGURES

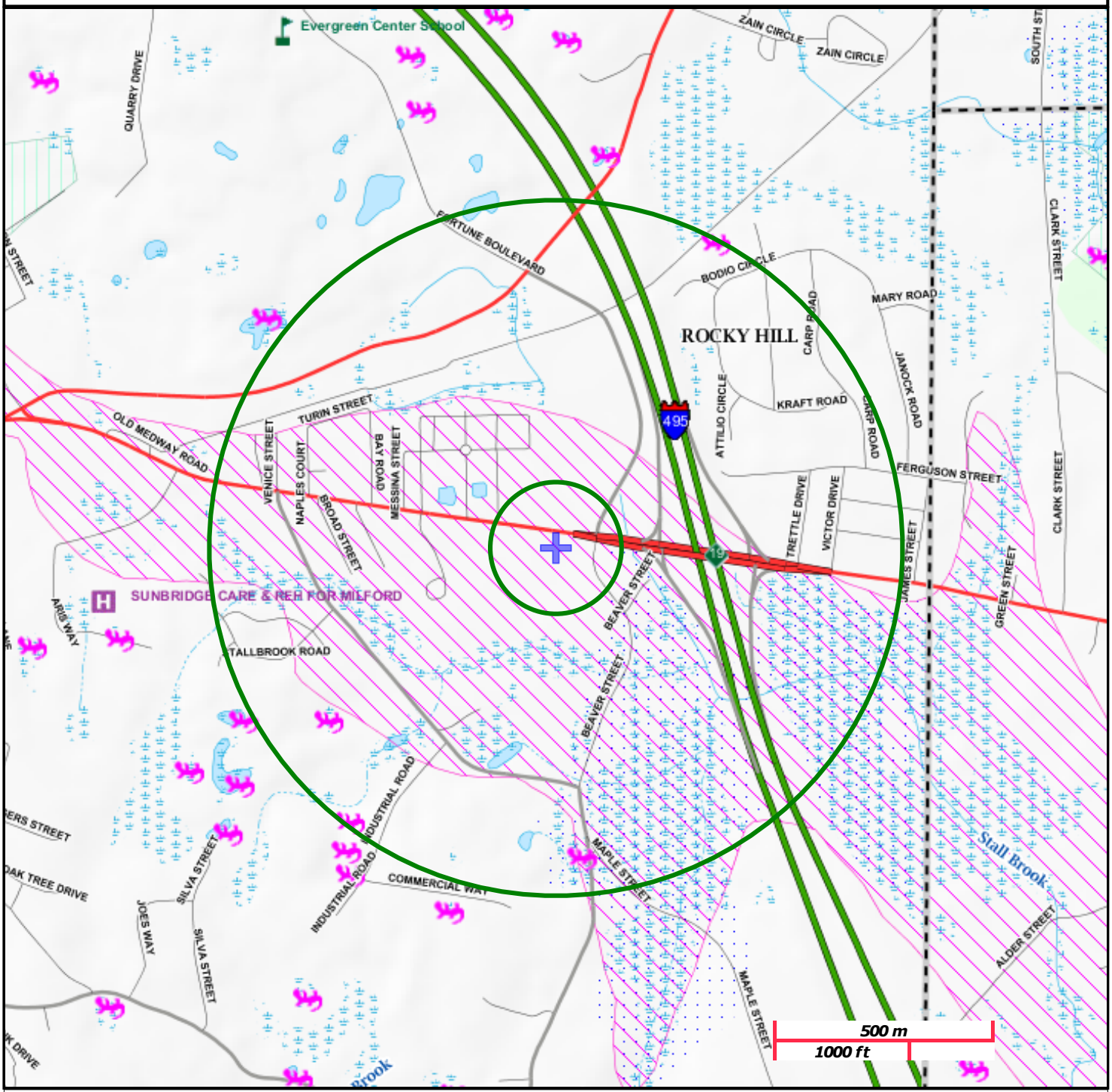
MassDEP - Bureau of Waste Site Cleanup

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

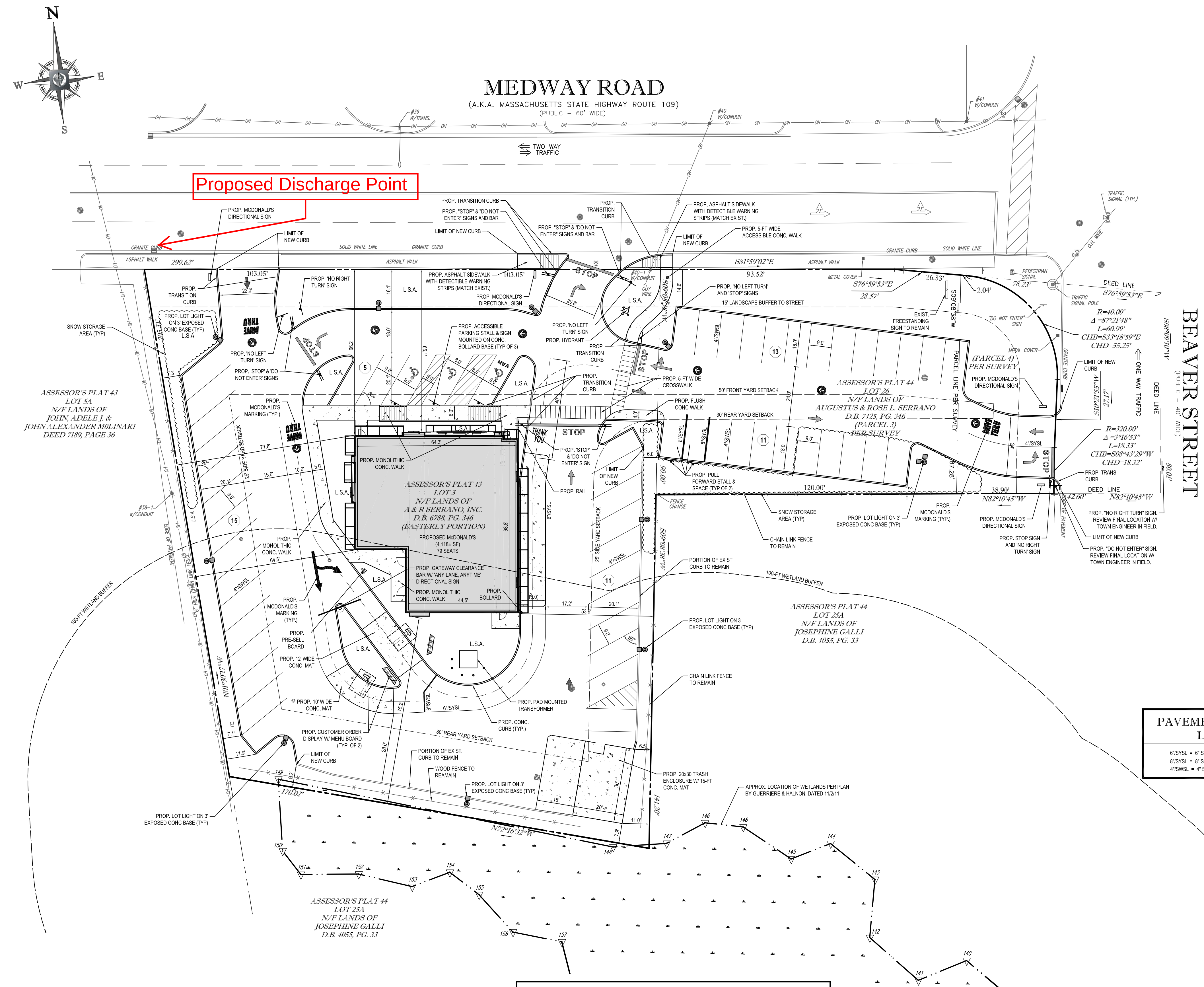
Site Information:
MCDONALD'S RESTAURANT
143 MEDWAY ROAD MILFORD, MA
2-000010207
NAD83 UTM Meters:
4669168mN , 294362mE (Zone: 19)
March 20, 2015

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

MassDEP
Commonwealth of Massachusetts
Department of Environmental Protection



Roads: Limited Access, Divided, Other Hwy, Major Road, Minor Road, Track, Trail
Boundaries: Town, County, DEP Region; Train; Powerline; Pipeline; Aqueduct
Basins: Major, PWS; Streams: Perennial, Intermittent, Man Made Shore, Dam
Aquifers: Medium Yield, High Yield, EPA Sole Source
Non Potential Drinking Water Source Area: Medium, High (Yield)
PWS Protection Areas: Zone II, IWPA, Zone A
Hydrography: Open Water, PWS Reservoir, Tidal Flat
Wetlands: Freshwater, Saltwater, Cranberry Bog
FEMA 100yr Floodplain; Protected Open Space; ACEC
Est. Rare Wetland Wildlife Hab; Vernal Pool: Cert., Potential
Solid Waste Landfill; PWS: Com.GW,SW, Emerg., Non-Com.



LAND USE / ZONING INFORMATION & NOTES

1. APPLICANT / OWNER:
   McDONALD'S USA, LLC
   690 CANTON STREET,
   WESTWOOD, MA, 02090
2. PARCEL:
   MAP & LOT
   STREET ADDRESS
   MUNICIPALITY
   COUNTY/ STATE

ZONING ANALYSIS TABLE

ZONING DISTRICT	HIGHWAY INDUSTRIAL (IB) -RESTAURANT W/ DRIVE THRU PERMITTED -INDOOR COMMERCIAL RECREATION PERMITTED		
ZONE CRITERIA	REQUIRED	EXISTING	PROPOSED
MINIMUM LOT AREA	NS	54,094 SF (E)	NO CHANGE (E)
MINIMUM LOT WIDTH	250'	350'±	NO CHANGE
MIN. FRONT SETBACK	50'	50.2'	65.1'
MIN. SIDE SETBACK	25'	49.4'	53.9'
MIN. REAR SETBACK	30'	62.4'	75.2'
MAX. BLDG COVERAGE	35%	10.8%	7.6%
MAX. BUILDING HEIGHT	60'/ 5 STORIES	<60'	21'-4"
MIN. OPEN SPACE	20%	±26.4%	±28.8%
MIN. INTERNAL LANDSCAPING	10%	±14.4%	±12.5%
LANDSCAPE BUFFER TO STREET	15'	3.9' (E)	15'
DRIVE THRU ENTRANCE STACK	15 SPC / 300'	15 SPC/ 300'±	16 SPC / 320'
DRIVE THRU EXIT STACK	2 SPC / 40'	1 SPC/ 30'± (E)	2 SPC / 50'
PARKING SPACES	50	74	55
PARKING CRITERIA	1 SPC / 3 SEATS + 1 SPC / 50 SF OF PUBLIC NON-SEATING AREA + 1 SPC / EMPLOYEE ON MAX SHIFT. 79/3 + 582/50 + 12 = 49.97 SPACES		

(E) = EXISTING NONCONFORMITY
NS = NOT SPECIFIED

SIGN SUMMARY TABLE

TYPE	ALLOWED	EXISTING	PROPOSED
SITE SIGNAGE			
FREESTANDING I.D. SIGN	100 SF MAX AREA 30 FT MAX HEIGHT	FREESTANDING SIGN W/ 'PLAYPLACE' & READERBOARD	FREESTANDING SIGN & APPURTENANCES TO REMAIN
BUILDING SIGNAGE			
FRONT WALL SIGN	20% OF WALL (206 SF)	UNKNOWN / TBR	1 "McDONALD'S" @ 34 SF 1 "M" LOGO @ 14 SF TOTAL AREA: 48 SF
NON DRIVE THRU WALL SIGN	20% OF WALL (169 SF)	UNKNOWN / TBR	1 "M" LOGO @ 14 SF TOTAL AREA: 14 S.F.
DRIVE THRU WALL SIGN	20% OF WALL (225 SF)	UNKNOWN / TBR	1 "McDONALD'S" @ 34 SF 1 "M" LOGO @ 14 SF TOTAL AREA: 48 SF
REAR WALL SIGN	20% OF WALL (172 SF)	UNKNOWN / TBR	1 "M" LOGO @ 14 SF
TOTAL AREA:	1,308 SF	UNKNOWN	124 SF WALL SIGNAGE + FREESTANDING SIGN

(1) TOTAL SIGNAGE CANNOT EXCEED 4 SF / LF LOT FRONTAGE.
SITE HAS 327 LF FRONTAGE x 4 = 1,308 SF OF TOTAL ALLOWABLE SIGNAGE

PAVEMENT STRIPING LEGEND

6"/SYSL = 6" SINGLE YELLOW SOLID LINE
8"/SYSL = 8" SINGLE YELLOW SOLID LINE
4"/SWSL = 4" SINGLE WHITE SOLID LINE

NO SNOW STORAGE WITHIN THE 100-FOOT WETLAND BUFFER ZONE

REFER TO GENERAL NOTES SHEET FOR NOTES

THIS PLAN TO BE UTILIZED FOR SITE LAYOUT PURPOSES ONLY

20 10 5 0 20
1"= 20'

Know what's below. Call before you dig.

APPROVED BY THE MILFORD PLANNING BOARD

SIGNED BY:	DATE:
SIGNED BY:	DATE:
SIGNED BY:	DATE:
SIGNED BY:	DATE:
SIGNED BY:	DATE:

BOHLER ENGINEERING
352 TURNPIKE ROAD
SOUTHBOROUGH, MA 01772
Phone: (508) 480-9900
Fax: (508) 480-9080
www.BohlerEngineering.com

CIVIL & CONSULTING ENGINEERS
SURVEYORS
PROJECT MANAGERS
ENVIRONMENTAL CONSULTANTS
LANDSCAPE ARCHITECTS

CORPORATE OFFICE:
♦ WARREN, NJ

OFFICES:
♦ SOUTHBOROUGH, MA ♦ BOWIE, MD ♦ TOWSON, MD ♦ ALBANY, NY ♦ RONKONKOMA, NY ♦ CENTER VALLEY, PA
♦ CHALFONT, PA ♦ PHILADELPHIA, PA ♦ STERLING, VA ♦ WARRENTON, VA ♦ FORT LAUDERDALE, FL ♦ TAMPA, FL

CONSTRUCTION CHECK — DATE
CONSTRUCTION CHECK — DATE
PROJECT No.: W112010
CAD I.D. #: W112010ss4.dwg

-
STREET ADDRESS: MEDWAY ROAD (AKA ROUTE 109)
TOWN: MILFORD
STATE: MASSACHUSETTS
COUNTY: WORCESTER
REGIONAL DWG. NO: -
PLAN DESCRIPTION: SITE PLAN

REV	DATE	DESCRIPTION	BY
1	5/16/14	REVISED PER STAFF COMMENT	EGD
2	9/24/14	REVISED FOR NOI SUBMISSION	BPB
3	10/28/14	REVISED PER STAFF COMMENT	EGD
4	12/08/14	REVISED PER CON COMM CONDITION	EGD

J.A. KUCICH
PROFESSIONAL ENGINEER
MASSACHUSETTS LICENSE No. 41530
CONNECTICUT LICENSE No. 26177
RHODE ISLAND LICENSE No. 9616
MAINE LICENSE No. 12553

McDonald's®

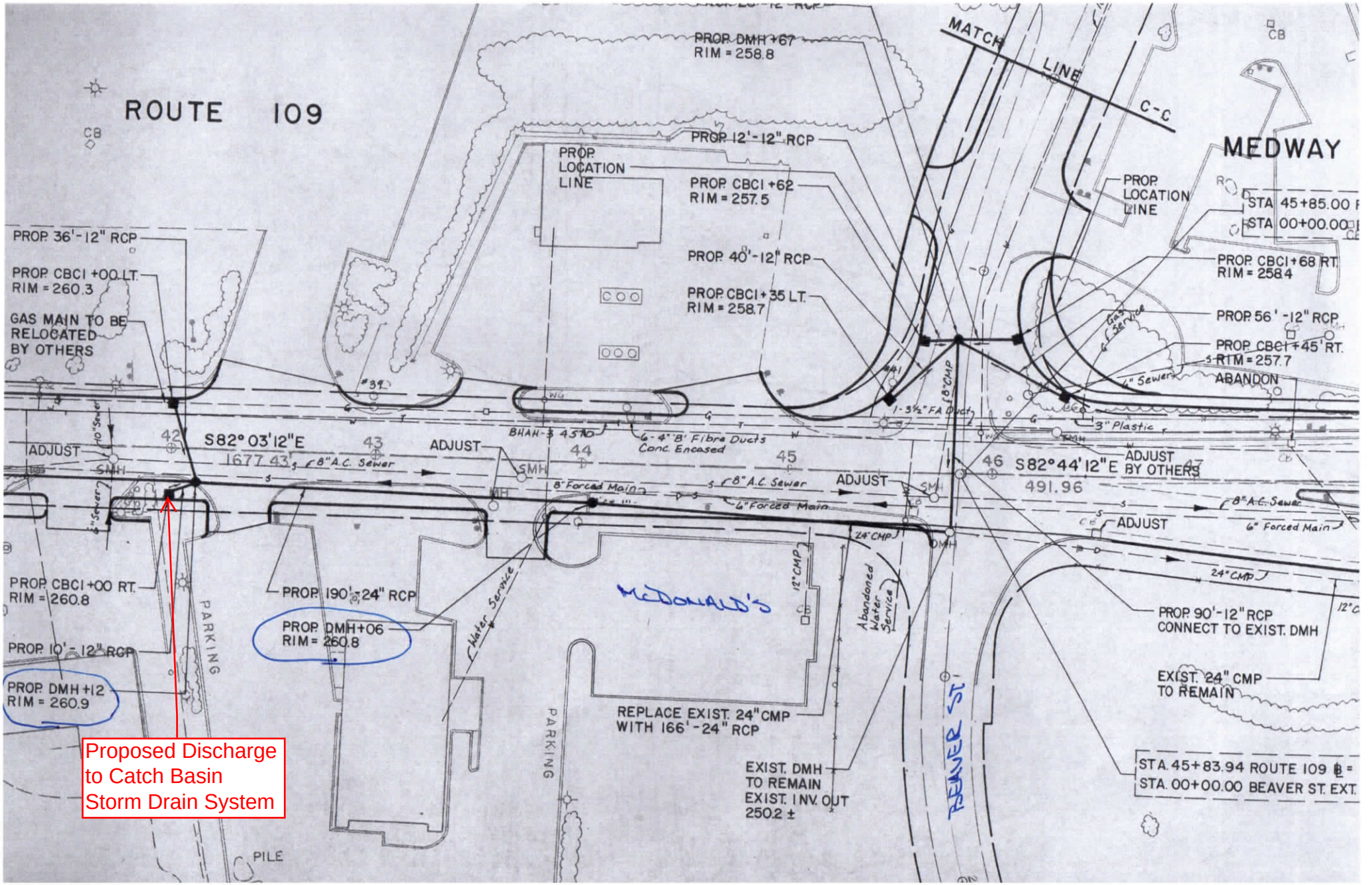
OFFICE: NORTHEAST REGION
ADDRESS: 690 CANTON STREET, WESTWOOD, MA

PLAN APPROVALS — DATE — SIGNATURE — APPROVED McDONALD'S AGENT

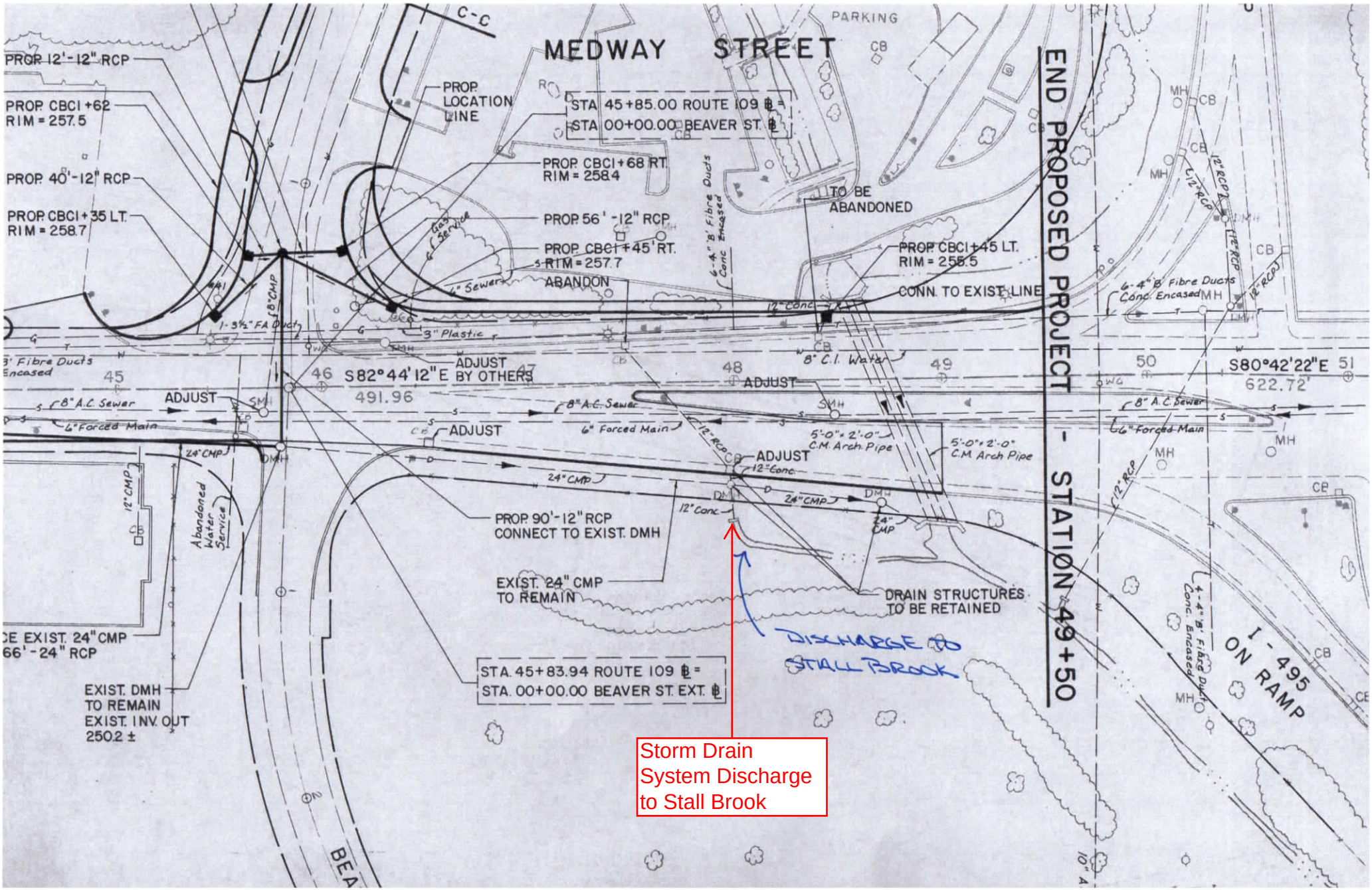
STATUS	DATE	BY
DRAWN BY:	4/16/14	EGD
PLAN CHECKED		JAK
AS-BUILT		

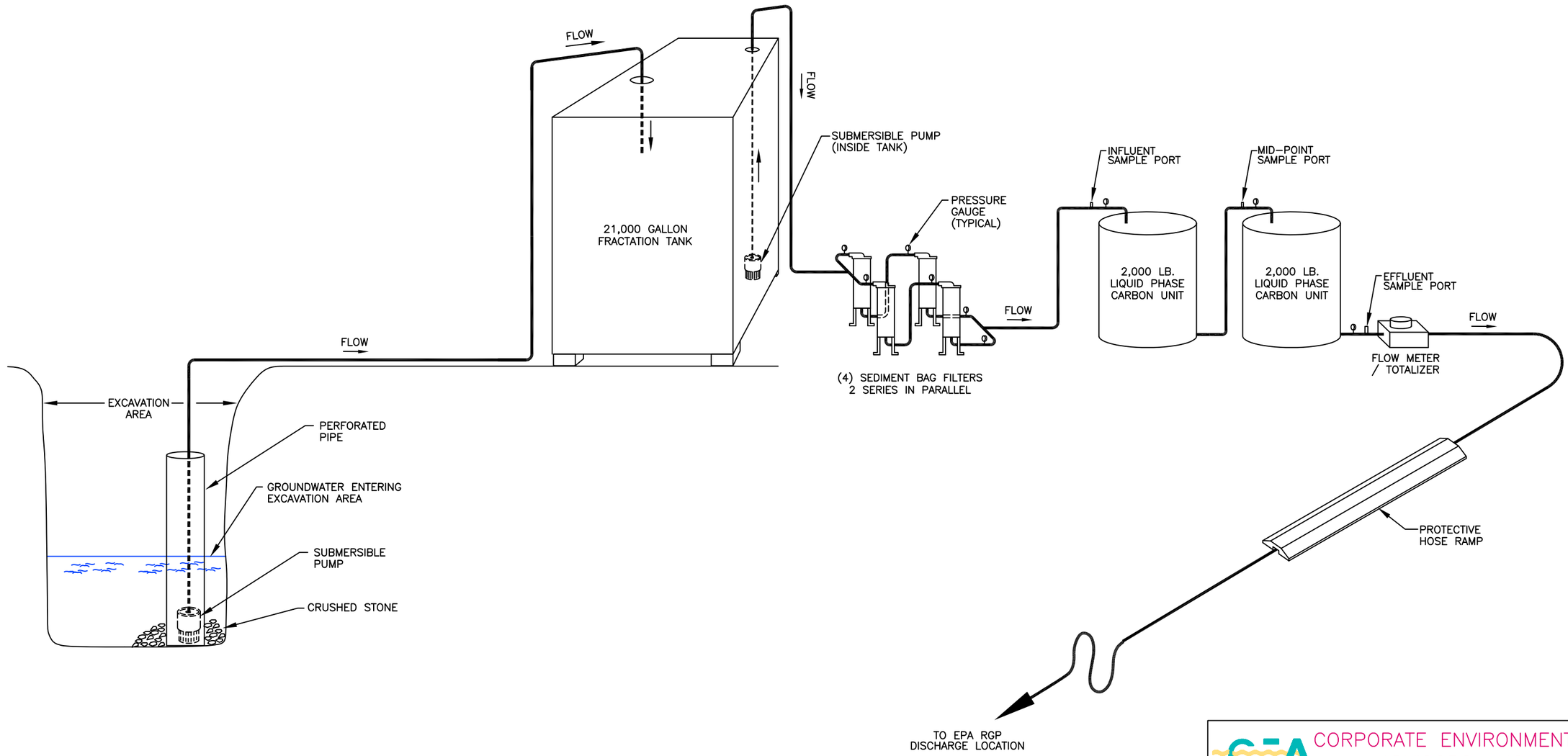
SHEET NO. C-4
OF 14

SOURCE: MASS DPW PROJECT
1987



SOURCE: Mass DPW Project 1987





CORPORATE ENVIRONMENTAL ADVISORS, INC.

Assessments – Remediation – Emergency Response

127 HARTWELL ST. W.BOYLSTON, MA.

SCALE: NOT TO SCALE		DR. BY: K. HAZEL
DATE: 2/6/15	APP. BY: AJL	JOB NO.: 7903-15

EXCAVATION DEWATERING
PROCESS & INSTRUMENTATION DIAGRAM

McDONALD's USA, LLC

143 MEDWAY ROAD MILFORD, MA

FIGURE-:3

TABLE

Table 1
Groundwater Analytical Results Summary Table
143 Medway Road
Milford, MA

		Benzene	Toluene	Ethylbenzene	Xylenes	(BTEX)	Naphthalene	Ethylene dibromide	MTBE	tert-Butyl Alcohol	tert-Amyl Methyl Ether	TPH	Iron	Lead	TSS
RGP Appendix III		(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(ug/l)	(mg/l)	(ug/l)	(ug/l)	(mg/l)
Effluent Limits		5	-	-	-	100	20	0.05	70	-	-	5	1,000	1.3	30
Adjusted Based on DF=1.04		--	-	-	-	--	--	--	--	-	-	--	1,040	1.35	--
Limit Type Based on Sample		Daily Maximum	Daily Maximum	Daily Maximum	Daily Maximum	Daily Maximum	Daily Maximum	Daily Maximum	Daily Maximum	Daily Maximum	Daily Maximum	Daily Maximum	Daily Maximum	Monthly Average	Monthly Average
Sample ID	Date														
MW-21	2/11/15	-	-	-	-	-	-	<0.01	-	-	-	1	**476,000**	**1,110**	**41,800**
MW-18	9/18/14	<1	3.1	167	218	**385**	**77.8**	-	<1	-	-	-	-	-	-
MW-18	3/12/13	<1	<2	<2	<2	<2	<3	-	<1	<20	<2	-	-	-	-
MW-19	9/18/14	**13.8**	168	1,170	2,395	**3,565**	**178**	-	<1	152	9.94	-	-	-	-
MW-19	1/2/13	<1	<2	<2	11.7	11.7	<3	-	<1	<20	<2	-	-	-	-
MW-20	9/18/14	**5.5**	6.3	139	28	**167**	**71.2**	-	<1	-	-	-	-	-	-
MW-20	1/2/13	<1	<2	<2	<4	<4	<3	-	<1	<20	<2	-	-	-	-
MW-21	9/18/14	<1	17.7	486	302	**788**	**91.7**	-	<1	-	-	-	-	-	-

Notes: **Bolded** values exceed corresponding RGP Appendix III Effluent Limits.
<# is below laboratory reporting limit
mg/l = reported in milligrams per liter
ug/l = reported in micrograms per liter

ATTACHMENT A
EPA REMEDIATION GENERAL PERMIT
NOTICE OF INTENT FORM

CEA
CORPORATE ENVIRONMENTAL ADVISORS, INC.

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

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

a) Name of **facility/site:** McDonald's Restaurant		**Facility/site** mailing address:		
Location of **facility/site:** longitude: -71.488683 E latitude: 42.1477 N	Facility SIC code(s): 5812	Street: 143 Medway Road		
b) Name of **facility/site owner:**		Town: Milford		
Email address of facility/site owner: NA		State: MA	Zip: 01757-2913	County: Worcester
Telephone no. of facility/site **owner:** 508-473-0378				
Fax no. of facility/site **owner:** NA		**Owner** is (check one): 1. Federal ○ 2. State/Tribal ○ 3. Private ◉ 4. Other ○ if so, describe:		
Address of **owner** (if different from site):				
Street: A&R Serrano, Inc., 2 Rosenfeld Avenue				
Town: Milford	State: MA	Zip: 01757	County: Worcester	
c) Legal name of **operator:**	**Operator** telephone no: (781) 461-4761			
McDonald's USA, LLC	**Operator** fax no.: (781) 634-0262	**Operator** email: Rhona.Murray@us.mcd.com		
Operator contact name and title: Rhona Murray, Area Construction Manager				
Address of **operator** (if different from owner):	Street: 690 Canton Street, Suite 310			
Town: Westwood	State: MA	Zip: 02090	County: Norfolk	

d) Check Y for "yes" or N for "no" for the following:
1. Has a prior NPDES permit exclusion been granted for the discharge? Y ○ N ◉, if Y, number:
2. Has a prior NPDES application (Form 1 & 2C) ever been filed for the discharge?
Y ○ N ◉, if Y, date and tracking #:
3. Is the discharge a "new discharge" as defined by 40 CFR 122.2? Y ◉ N ○
4. For sites in Massachusetts, is the discharge covered under the Massachusetts Contingency Plan (MCP) and exempt from state permitting? Y ○ N ◉

e) Is site/facility subject to any State permitting, license, or other action which is causing the generation of discharge? Y ◉ N ○
If Y, please list:
1. site identification # assigned by the state of NH or MA: Release Tracking Number 2-10207
2. permit or license # assigned:
3. state agency contact information: name, location, and telephone number:

MassDEP, BWSC, 8 New Bond Street, Worcester, MA 01606
T (508)792-7650

f) Is the site/facility covered by any other EPA permit, including:
1. Multi-Sector General Permit? Y ○ N ◉,
if Y, number:
2. Final Dewatering General Permit? Y ○ N ◉,
if Y, number:
3. EPA Construction General Permit? Y ○ N ◉,
if Y, number:
4. Individual NPDES permit? Y ○ N ◉,
if Y, number:
5. any other water quality related individual or general permit? Y ○ N ◉, if Y, number:

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

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

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

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

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

a) Describe the discharge activities for which the owner/applicant is seeking coverage:

Excavation dewatering shall be performed temporarily during restaurant raze and rebuild activities.

b) Provide the following information about each discharge:

1) Number of discharge points: 1

2) What is the **maximum** and **average flow rate** of discharge (in cubic feet per second, ft^3/s)?
Max. flow 0.16725 Is maximum flow a **design value**? Y ◉ N ○
Average flow (include units) 0.1115 cfs Is average flow a design value or estimate? estimate

3) Latitude and longitude of each discharge within 100 feet:

pt.1: lat	42.147978 N	long	-71.489108 E	pt.2: lat.		long.	;
pt.3: lat		long		pt.4: lat.		long.	;
pt.5: lat		long		pt.6: lat.		long.	;
pt.7: lat		long		pt.8: lat.		long.	; etc.

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

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

c) Expected dates of discharge (mm/dd/yy): start 04/01/2015 end 06/30/2015

d) Please attach a line drawing or flow schematic showing water flow through the facility including:
1. sources of intake water, 2. contributing flow from the operation, 3. treatment units, and 4. discharge points and receiving waters(s). Refer to attached figures

3. Contaminant information.

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

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
								concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
1. Total Suspended Solids (TSS)		☐	☒	1	grab	SM2540D	216 mg/l	41,800,000			
2. Total Residual Chlorine (TRC)		☒	☐								
3. Total Petroleum Hydrocarbons (TPH)		☐	☒	1	grab	1664B	0.2 mg/l	1,000			
4. Cyanide (CN)	57125	☒	☐								
5. Benzene (B)	71432	☐	☒	1	grab	MADEP VPH	0.001 mg/l	13.8			
6. Toluene (T)	108883	☐	☒	1	grab	MADEP VPH	0.002 mg/l	168			
7. Ethylbenzene (E)	100414	☐	☒	1	grab	MADEP VPH	0.010 mg/l	1,170			
8. (m,p,o) Xylenes (X)	108883; 106423; 95476; 1330207	☐	☒	1	grab	MADEP VPH	0.010 mg/l	2,395			
9. Total BTEX [2]	n/a	☐	☒	1	grab	MADEP VPH	0.010 mg/l	3,746.8			
10. Ethylene Dibromide (EDB) (1,2-Dibromoethane) [3]	106934	☐	☒	1	grab	SW846 8011	0.000010mg/l	<0.01			
11. Methyl-tert-Butyl Ether (MtBE)	1634044	☐	☒	1	grab	MADEP VPH	0.001 mg/l	<1.0			
12. tert-Butyl Alcohol (TBA) (Tertiary-Butanol)	75650	☐	☒	1	grab	8260C	0.020 mg/l	152			

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

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

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

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
								concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
13. tert-Amyl Methyl Ether (TAME)	9940508	☐	☒	1	grab	8260C	0.002 mg/l	9.94			
14. Naphthalene	91203	☐	☒	1	grab	MADEP VPH	0.003 mg/l	91.7			
15. Carbon Tetrachloride	56235	☒	☐								
16. 1,2 Dichlorobenzene (o-DCB)	95501	☒	☐								
17. 1,3 Dichlorobenzene (m-DCB)	541731	☒	☐								
18. 1,4 Dichlorobenzene (p-DCB)	106467	☒	☐								
18a. Total dichlorobenzene		☒	☐								
19. 1,1 Dichloroethane (DCA)	75343	☒	☐								
20. 1,2 Dichloroethane (DCA)	107062	☒	☐								
21. 1,1 Dichloroethene (DCE)	75354	☒	☐								
22. cis-1,2 Dichloroethene (DCE)	156592	☒	☐								
23. Methylene Chloride	75092	☒	☐								
24. Tetrachloroethene (PCE)	127184	☒	☐								
25. 1,1,1 Trichloro-ethane (TCA)	71556	☒	☐								
26. 1,1,2 Trichloro-ethane (TCA)	79005	☒	☐								
27. Trichloroethene (TCE)	79016	☒	☐								

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

[4] The sum of individual phthalate compounds.

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
								concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
h. Acenaphthene	83329	☒	☐								
i. Acenaphthylene	208968	☒	☐								
j. Anthracene	120127	☒	☐								
k. Benzo(ghi) Perylene	191242	☒	☐								
l. Fluoranthene	206440	☒	☐								
m. Fluorene	86737	☒	☐								
n. Naphthalene	91203	☒	☐								
o. Phenanthrene	85018	☒	☐								
p. Pyrene	129000	☒	☐								
37. Total Polychlorinated Biphenyls (PCBs)	85687; 84742; 117840; 84662; 131113; 117817.	☒	☐								
38. Chloride	16887006	☒	☐								
39. Antimony	7440360	☒	☐								
40. Arsenic	7440382	☒	☐								
41. Cadmium	7440439	☒	☐								
42. Chromium III (trivalent)	16065831	☒	☐								
43. Chromium VI (hexavalent)	18540299	☒	☐								
44. Copper	7440508	☒	☐								
45. Lead	7439921	☐	☒	1	grab	200.7	0.03 mg/l	1,110			
46. Mercury	7439976	☒	☐								
47. Nickel	7440020	☒	☐								
48. Selenium	7782492	☒	☐								
49. Silver	7440224	☒	☐								
50. Zinc	7440666	☒	☐								
51. Iron	7439896	☐	☒	1	grab	200.7	0.06 mg/l	476,000			
Other (describe):		☒	☐								

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

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

Step 1: Do any of the metals in the influent exceed the effluent limits in Appendix III (i.e., the limits set at zero dilution)? Y ◉ N ○	If yes, which metals? Lead and iron
Step 2: For any metals which exceed the **Appendix III** limits, calculate the **dilution factor (DF)** using the formula in Part I.A.3.c (step 2) of the NOI instructions or as determined by the State prior to the submission of this NOI. What is the dilution factor for applicable metals? Metal: Lead DF: 1.355 Metal: Iron DF: 1,042.33 Metal: DF: Metal: DF: Etc.	Look up the limit calculated at the corresponding dilution factor in **Appendix IV.** Do any of the metals in the **influent** have the potential to exceed the corresponding **effluent** limits in Appendix IV (i.e., is the influent concentration above the limit set at the calculated dilution factor)? Y ◉ N ○ If Y, list which metals: Lead and Iron

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

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

Electric submersible pumps will pump groundwater from temporary excavation dewatering wells to two 21,000 gallon fractation (frac) tanks piped in series. Recovered groundwater shall pass through bag filters to remove particulates and two 2,000-pound liquid phase granular activated carbon (LGAC) units plumbed in series. The treated groundwater shall be discharged into a storm drain catch basin near the northeast corner of the property. The storm drain discharges to the Stall Brook located approximately 400 feet to the east/southeast of the site.

b) Identify each applicable treatment unit (check all that apply):	Frac. tank ☒	Air stripper ☐	Oil/water separator ☐	Equalization tanks ☐	Bag filter ☒	GAC filter ☒
	Chlorination ☐	De-chlorination ☐	Other (please describe):			

c) Proposed **average** and **maximum flow rates** (gallons per minute) for the discharge and the **design flow rate**(s) (gallons per minute) of the treatment system:
Average flow rate of discharge 50 gpm Maximum flow rate of treatment system 75 gpm
Design flow rate of treatment system 75 gpm

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

None

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

a) Identify the discharge pathway:	Direct to receiving water ☐	Within facility (sewer) ☐	Storm drain ☒	Wetlands ☐	Other (describe):

b) Provide a narrative description of the discharge pathway, including the name(s) of the receiving waters:
The treated groundwater will be discharge to a catch basin and flow underground through existing drain pipe to Stall Brook.

c) Attach a detailed map(s) indicating the site location and location of the outfall to the receiving water:
1. For multiple discharges, number the discharges sequentially.
2. For indirect dischargers, indicate the location of the discharge to the indirect conveyance and the discharge to surface water
The map should also include the location and distance to the nearest sanitary sewer as well as the locus of nearby sensitive receptors (based on USGS topographical mapping), such as surface waters, drinking water supplies, and wetland areas.

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

e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water 0.00708 cfs
Please attach any calculation sheets used to support stream flow and dilution calculations.

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

Is there a final TMDL? Y ○ N ◉ If yes, for which pollutant(s)?

6. ESA and NHPA Eligibility.

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

a) Using the instructions in Appendix VII and information on Appendix II, under which criterion listed in Part I.C are you eligible for coverage under this general permit?

A ◉ B ○ C ○ D ○ E ○ F ○

b) If you selected Criterion D or F, has consultation with the federal services been completed? Y ○ N ○ Underway ○

c) If consultation with U.S. Fish and Wildlife Service and/or NOAA Fisheries Service was completed, was a written concurrence finding that the discharge is "not likely to adversely affect" listed species or critical habitat received? Y ○ N ○

d) Attach documentation of ESA eligibility as described in the NOI instructions and required by Appendix VII, Part I.C, Step 4.

e) Using the instructions in Appendix VII, under which criterion listed in Part II.C are you eligible for coverage under this general permit?

1 ○ 2 ◉ 3 ○

f) If Criterion 3 was selected, attach all written correspondence with the State or Tribal historic preservation officers, including any terms and conditions that outline measures the applicant must follow to mitigate or prevent adverse effects due to activities regulated by the RGP.

7. Supplemental information.

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

Please see attached figures and documents for supplemental information.

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

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Facility/Site Name:	McDonald's Restaurant
Operator signature:	Adam J Last
Printed Name &Title:	Adam J. Last, P.E., LSP
Date:	March 20, 2015

ATTACHMENT B
LABORATORY ANALYTICAL REPORTS

CORPORATE ENVIRONMENTAL ADVISORS, INC.

Report Date:
23-Feb-15 13:59

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

CEA, Inc.
127 Hartwell Street, Suite 2
West Boylston, MA 01583
Attn: Adam Last

Project: 143 Medway Road - Milford, MA
Project #: 7903-15 BG 1

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SC03365-01	MW-21	Ground Water	11-Feb-15 12:25	13-Feb-15 14:10

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435

Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of Massachusetts for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of Massachusetts does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 10 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our 'Quality' web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey, Pennsylvania and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, NJ-MA012, PA-68-04426 and FL-E87936).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

Data has been reported to the RDL. This report excludes estimated concentrations detected below the RDL and above the MDL (J-Flag).

All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

The samples were received 0.6 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

EPA 200.7

Spikes:

1502992-MS1 *Source: SC03365-01*

The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.

Iron

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Lead

Duplicates:

1502992-DUP1 *Source: SC03365-01*

The Reporting Limit has been raised to account for matrix interference.

Iron
Lead

Samples:

SC03365-01 *MW-21*

The Reporting Limit has been raised to account for matrix interference.

Iron
Lead

Sample Acceptance Check Form

Client:	CEA, Inc. - West Boylston, MA
Project:	143 Medway Road - Milford, MA / 7903-15 BG 1
Work Order:	SC03365
Sample(s) received on:	2/13/2015

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
Were custody seals present?	☐	☑	☐
Were custody seals intact?	☐	☐	☑
Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
Were sample containers received intact?	☑	☐	☐
Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
Were samples accompanied by a Chain of Custody document?	☑	☐	☐
Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☑	☐	☐
Did sample container labels agree with Chain of Custody document?	☑	☐	☐
Were samples received within method-specific holding times?	☑	☐	☐

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-21 SC03365-01	7903-15 BG 1	Ground Water	11-Feb-15 12:25	13-Feb-15

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Microextractable Organic Compounds													
106-93-4	1,2-Dibromoethane (EDB)	< 0.0100		µg/l	0.0100	0.00336	1	SW846 8011	20-Feb-15	20-Feb-15	DS	1503272	
Extractable Petroleum Hydrocarbons													
	Non-polar material (SGT-HEM)	**1.0**		mg/l	1.0	0.2	1	EPA 1664B	19-Feb-15	19-Feb-15	JK	1503174	
Total Metals by EPA 200/6000 Series Methods													
	Preservation	**Field Preserved**		N/A			1	EPA 200/6000 methods			LNB	1503032	
Total Metals by EPA 200 Series Methods													
7439-89-6	Iron	**476**	R01, D	mg/l	0.0600	0.0360	2	EPA 200.7	17-Feb-15	20-Feb-15	BJW	1502992	X
7439-92-1	Lead	**1.11**	R01, D	mg/l	0.0300	0.0080	2	"	"	"	"	"	X
General Chemistry Parameters													
	Total Suspended Solids	**41,800**	LIV	mg/l	500	216	1	SM2540D	17-Feb-15	18-Feb-15	CMB	1503008	X

Microextractable Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1503272 - General Preparation SVOC										
Blank (1503272-BLK1)						Prepared & Analyzed: 20-Feb-15				
1,2-Dibromoethane (EDB)	< 0.0100		µg/l	0.0100						
LCS (1503272-BS1)						Prepared & Analyzed: 20-Feb-15				
1,2-Dibromoethane (EDB)	**0.181**		µg/l	0.0100	0.200		90	60-140		
LCS Dup (1503272-BSD1)						Prepared & Analyzed: 20-Feb-15				
1,2-Dibromoethane (EDB)	**0.183**		µg/l	0.0100	0.200		92	60-140	1	50
Duplicate (1503272-DUP1)			**Source: SC03365-01**			Prepared & Analyzed: 20-Feb-15				
1,2-Dibromoethane (EDB)	< 0.0100		µg/l	0.0100		BRL				30

Extractable Petroleum Hydrocarbons - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1503174 - SW846 3510C										
Blank (1503174-BLK1)						Prepared & Analyzed: 19-Feb-15				
Non-polar material (SGT-HEM)	< 1.0		mg/l	1.0						
LCS (1503174-BS1)						Prepared & Analyzed: 19-Feb-15				
Non-polar material (SGT-HEM)	**24.0**		mg/l	1.0	28.2		85	83-101		

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1502992 - EPA 200 Series										
Blank (1502992-BLK1)					Prepared: 17-Feb-15 Analyzed: 20-Feb-15					
Lead	< 0.0150		mg/l	0.0150						
Iron	< 0.0300		mg/l	0.0300						
LCS (1502992-BS1)					Prepared: 17-Feb-15 Analyzed: 20-Feb-15					
Iron	**2.62**		mg/l	0.0300	2.50		105	85-115		
Lead	**2.56**		mg/l	0.0150	2.50		102	85-115		
Duplicate (1502992-DUP1)			**Source: SC03365-01**		Prepared: 17-Feb-15 Analyzed: 20-Feb-15					
Lead	**1.07**	R01, D	mg/l	0.0300		1.11			3.69	20
Iron	**435**	R01, D	mg/l	0.0600		476			9	20
Matrix Spike (1502992-MS1)			**Source: SC03365-01**		Prepared: 17-Feb-15 Analyzed: 20-Feb-15					
Lead	**2.75**	QM7, D	mg/l	0.0300	2.50	1.11	65.5	70-130		
Iron	**409**	QM2, D	mg/l	0.0600	2.50	476	-2650	70-130		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1503008 - General Preparation										
Blank (1503008-BLK1)						Prepared: 17-Feb-15 Analyzed: 18-Feb-15				
Total Suspended Solids	< 5.0		mg/l	5.0						
LCS (1503008-BS1)						Prepared: 17-Feb-15 Analyzed: 18-Feb-15				
Total Suspended Solids	**98.0**		mg/l	10.0	100		98	90-110		

Notes and Definitions

D	Data reported from a dilution
QM2	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
R01	The Reporting Limit has been raised to account for matrix interference.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
LIV	The initial volume for this sample has been reduced due to sample matrix and/or historical data therefore elevating the reporting limit.

Interpretation of Total Petroleum Hydrocarbon Report

Petroleum identification is determined by comparing the GC fingerprint obtained from the sample with a library of GC fingerprints obtained from analyses of various petroleum products. Possible match categories are as follows:

Gasoline - includes regular, unleaded, premium, etc.
Fuel Oil #2 - includes home heating oil, #2 fuel oil, and diesel
Fuel Oil #4 - includes #4 fuel oil
Fuel Oil #6 - includes #6 fuel oil and bunker "C" oil
Motor Oil - includes virgin and waste automobile oil
Ligroin - includes mineral spirits, petroleum naphtha, vm&p naphtha
Aviation Fuel - includes kerosene, Jet A and JP-4
Other Oil - includes lubricating and cutting oil, and silicon oil

At times, the unidentified petroleum product is quantified using a calibration that most closely approximates the distribution of compounds in the sample. When this occurs, the result is qualified as Calculated as.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
June O'Connor

SC0 33605 JLH

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: **5 Business Day**

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 60 days unless otherwise instructed

Report To: Corporate Environmental Advisors, Inc.
127 Hartwell Street, Suite 2
West Boylston, MA 01583
Telephone #: (508) 853-8822
Project Mgr: Adam Last

Invoice To: Corporate Environmental Advisors, Inc.
127 Hartwell Street, Suite 2
West Boylston, MA 01583
"CEA Special Pricing Please"
P.O No.: RQN

Project No: 7903-15 BG 1
Site Name: 143 Medway Road
Location: Milford State MA
Sampler(s): K. Hazel

1=Na_2S2O_3 **2**=HCl **3**=H_2SO_4 **4**=HNO_3 **5**=NaOH **6**=Ascorbic Acid **7**=CH_3OH
8= $NaHSO_4$ **9**= Deionized Water **10**=H_3PO_4 **11**= $Na_2S_2O_3$ **12**= none

DW=Dinking Water **GW**= Groundwater **WW**= Waste Water
O= Oil **SW**= surface Water **SO**=Soil **SL**= Sludge **A**= Air
X1= **X2**= **X3**=

G= Grab **C**=Compsite

Lab ID	Sample ID	Date	Time	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: Total Suspended Solids (EPA SM2540D)	TPH (EPA Method 1664A)	EDB (EPA Method 504.1)	Total Lead and Total Iron (EPA 200.7)
SC03365-1	MW-21	2/11/15	1225	G	GW	3	1		2	X	X	X	X

List Preservative Code below: 12 | 2 | 11 | 4

QA/QC Reporting Notes:
*additional charges may appply

MA DEP MCP CAM Report ☑ yes ☐ no
CT DPH RCP Report ☐ yes ☐ no
☑ Standard ☐ No QC
☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full
☐ Tier II* ☐ Tier IV*
☑ Other: **MCP GW-1 Stds**
State-specific reporting standards:

Relinquished by:	Received by:	Date	Time	Temp °C
		2-13-15	925	1.6
	JLH	2/13/15	1410	-1
				0.6
				ai

☐ EDD format:
☑ E-mail to: alast@cea-inc.com, ndescoteaux@cea-inc.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☑ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

SCO 33605 JLH

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☑ Rush TAT - Date Needed: **5 Business Day**

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 60 days unless otherwise instructed

Report To: Corporate Environmental Advisors, Inc.
127 Hartwell Street, Suite 2
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Project Mgr: Adam Last

Invoice To: Corporate Environmental Advisors, Inc.
127 Hartwell Street, Suite 2
West Boylston, MA 01583
"CEA Special Pricing Please"
P.O No.: RQN

Project No: 7903-15 BG 1
Site Name: 143 Medway Road
Location: Milford State MA
Sampler(s): K. Hazel

1=Na_2S2O_3 **2**=HCl **3**=H_2SO_4 **4**=HNO_3 **5**=NaOH **6**=Ascorbic Acid **7**=CH_3OH
8= $NaHSO_4$ **9**= Deionized Water **10**=H_3PO_4 **11**= $Na_2S_2O_3$ **12**= none

DW=Dinking Water **GW**= Groundwater **WW**= Waste Water
O= Oil **SW**= surface Water **SO**=Soil **SL**= Sludge **A**= Air
X1= **X2**= **X3**=

G= Grab **C**=Composite

Lab ID	Sample ID	Date	Time	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	List Preservative Code below: 12	2	11	4	Analysis: Total Suspended Solids (EPA SM2540D)	TPH (EPA Method 1664A)	EDB (EPA Method 504.1)	Total Lead and Total Iron (EPA 200.7)
SCO33605-01	MW-21	2/11/15	1225	G	GW	3	1		2					X	X	X	X

QA/QC Reporting Notes:
*additional charges may apply

MA DEP MCP CAM Report ☑ yes ☐ no
CT DPH RCP Report ☐ yes ☐ no
☑ Standard ☐ No QC
☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full
☐ Tier II* ☐ Tier IV*
☑ Other: **MCP GW-1 Stds**
State-specific reporting standards:

no Cam on metals. JLH 2/14.

Relinquished by:	Received by:	Date	Time	Temp °C
		2-13-15	925	1.6
	JLH	2/13/15	1410	-1
				0.6
				ai

☐ EDD format:
☑ E-mail to: alast@cea-inc.com, ndescoteaux@cea-inc.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☑ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

New England ACCUTEST LABORATORIES

09/30/14

Technical Report for

Shell Oil

SCMAA:98997804 (REIMBMA) 139 Medway Street AKA 89 Medway, Milford, MA

SAP#137798 2R889

Accutest Job Number: MC33755

Sampling Date: 09/18/14

Report to:

Sovereign Consulting Inc.
4 Open Square Way Suite 307
Holyoke, MA 01040
kdoherty@sovcon.com

ATTN: Kelly Doherty

Total number of pages in report: 26

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

Test results relate only to samples analyzed.

Table of Contents

Sections: 1 2 3 4 5 6

-1-

Sample Summary

Shell Oil

Job No: MC33755

SCMAA:98997804 (REIMBMA) 139 Medway Street AKA 89 Medway, Milford, MA
Project No: SAP#137798 2R889

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
MC33755-1	09/18/14	11:30		09/19/14	AQ	Ground Water	MW-18
MC33755-2	09/18/14	10:36		09/19/14	AQ	Ground Water	MW-19
MC33755-3	09/18/14	12:15		09/19/14	AQ	Ground Water	MW-20
MC33755-4	09/18/14	10:58		09/19/14	AQ	Ground Water	MW-21

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Shell Oil	**Job No**	MC33755
Site:	SCMAA:98997804 (REIMBMA) 139 Medway Street AKA 89 Medwa	**Report Date**	9/30/2014 1:38:25 PM

4 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were collected on 09/18/2014 and were received at Accutest on 09/19/2014 properly preserved, at 1.2 Deg. C and intact. These Samples received an Accutest job number of MC33755. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GC By Method MADEP VPH REV 1.1

Matrix: AQ **Batch ID:** GWX3683

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Matrix: AQ **Batch ID:** GWX3684

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC33755).

Summary of Hits

Job Number: MC33755
Account: Shell Oil
Project: SCMAA:98997804 (REIMBMA) 139 Medway Street AKA 89 Medway, Milford, MA
Collected: 09/18/14

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC33755-1	**MW-18**					
Ethylbenzene		167	2.0		ug/l	MADEP VPH REV 1.1
Naphthalene		77.8	3.0		ug/l	MADEP VPH REV 1.1
Toluene		3.1	2.0		ug/l	MADEP VPH REV 1.1
m,p-Xylene		183	2.0		ug/l	MADEP VPH REV 1.1
o-Xylene		35.3	2.0		ug/l	MADEP VPH REV 1.1
C5- C8 Aliphatics (Unadj.)		1800	50		ug/l	MADEP VPH REV 1.1
C9- C12 Aliphatics (Unadj.)		3490	50		ug/l	MADEP VPH REV 1.1
C9- C10 Aromatics (Unadj.)		2910	50		ug/l	MADEP VPH REV 1.1
C5- C8 Aliphatics		1790	50		ug/l	MADEP VPH REV 1.1
C9- C12 Aliphatics		190	50		ug/l	MADEP VPH REV 1.1
MC33755-2	**MW-19**					
Benzene		13.8	1.0		ug/l	MADEP VPH REV 1.1
Ethylbenzene		1170	10		ug/l	MADEP VPH REV 1.1
Naphthalene		178	3.0		ug/l	MADEP VPH REV 1.1
Toluene		168	2.0		ug/l	MADEP VPH REV 1.1
m,p-Xylene		2160	10		ug/l	MADEP VPH REV 1.1
o-Xylene		235	2.0		ug/l	MADEP VPH REV 1.1
C5- C8 Aliphatics (Unadj.)		2500	50		ug/l	MADEP VPH REV 1.1
C9- C12 Aliphatics (Unadj.)		6720	250		ug/l	MADEP VPH REV 1.1
C9- C10 Aromatics (Unadj.)		3490	250		ug/l	MADEP VPH REV 1.1
C5- C8 Aliphatics		2320	50		ug/l	MADEP VPH REV 1.1
MC33755-3	**MW-20**					
Benzene		5.5	1.0		ug/l	MADEP VPH REV 1.1
Ethylbenzene		139	2.0		ug/l	MADEP VPH REV 1.1
Naphthalene		71.2	3.0		ug/l	MADEP VPH REV 1.1
Toluene		6.3	2.0		ug/l	MADEP VPH REV 1.1
m,p-Xylene		22.2	2.0		ug/l	MADEP VPH REV 1.1
o-Xylene		5.3	2.0		ug/l	MADEP VPH REV 1.1
C5- C8 Aliphatics (Unadj.)		1590	50		ug/l	MADEP VPH REV 1.1
C9- C12 Aliphatics (Unadj.)		1960	50		ug/l	MADEP VPH REV 1.1
C9- C10 Aromatics (Unadj.)		1700	50		ug/l	MADEP VPH REV 1.1
C5- C8 Aliphatics		1570	50		ug/l	MADEP VPH REV 1.1
C9- C12 Aliphatics		93.7	50		ug/l	MADEP VPH REV 1.1
MC33755-4	**MW-21**					
Ethylbenzene		486	2.0		ug/l	MADEP VPH REV 1.1
Naphthalene		91.7	3.0		ug/l	MADEP VPH REV 1.1
Toluene		17.7	2.0		ug/l	MADEP VPH REV 1.1

Summary of Hits

Job Number: MC33755
Account: Shell Oil
Project: SCMAA:98997804 (REIMBMA) 139 Medway Street AKA 89 Medway, Milford, MA
Collected: 09/18/14

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
m,p-Xylene		292	2.0		ug/l	MADEP VPH REV 1.1
o-Xylene		9.7	2.0		ug/l	MADEP VPH REV 1.1
C5- C8 Aliphatics (Unadj.)		2770	50		ug/l	MADEP VPH REV 1.1
C9- C12 Aliphatics (Unadj.)		4900	50		ug/l	MADEP VPH REV 1.1
C9- C10 Aromatics (Unadj.)		3390	250		ug/l	MADEP VPH REV 1.1
C5- C8 Aliphatics		2750	50		ug/l	MADEP VPH REV 1.1
C9- C12 Aliphatics		723	50		ug/l	MADEP VPH REV 1.1

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-18		
Lab Sample ID:	MC33755-1	**Date Sampled:**	09/18/14
Matrix:	AQ - Ground Water	**Date Received:**	09/19/14
Method:	MADEP VPH REV 1.1	**Percent Solids:**	n/a
Project:	SCMAA:98997804 (REIMBMA) 139 Medway Street AKA 89 Medway, Milford, MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WX75435.D	1	09/24/14	TB	n/a	n/a	GWX3683
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MA-VPH List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	167	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
91-20-3	Naphthalene	77.8	3.0	ug/l	
108-88-3	Toluene	3.1	2.0	ug/l	
	m,p-Xylene	183	2.0	ug/l	
95-47-6	o-Xylene	35.3	2.0	ug/l	
	C5- C8 Aliphatics (Unadj.)	1800	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	3490	50	ug/l	
	C9- C10 Aromatics (Unadj.)	2910	50	ug/l	
	C5- C8 Aliphatics	1790	50	ug/l	
	C9- C12 Aliphatics	190	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
	2,3,4-Trifluorotoluene	112%		70-130%
	2,3,4-Trifluorotoluene	96%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-19		
Lab Sample ID:	MC33755-2	**Date Sampled:**	09/18/14
Matrix:	AQ - Ground Water	**Date Received:**	09/19/14
Method:	MADEP VPH REV 1.1	**Percent Solids:**	n/a
Project:	SCMAA:98997804 (REIMBMA) 139 Medway Street AKA 89 Medway, Milford, MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WX75434.D	1	09/24/14	TB	n/a	n/a	GWX3683
Run #2	WX75442.D	5	09/25/14	TB	n/a	n/a	GWX3684

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

MA-VPH List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	13.8	1.0	ug/l	
100-41-4	Ethylbenzene	1170 [a]	10	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
91-20-3	Naphthalene	178	3.0	ug/l	
108-88-3	Toluene	168	2.0	ug/l	
	m,p-Xylene	2160 [a]	10	ug/l	
95-47-6	o-Xylene	235	2.0	ug/l	
	C5- C8 Aliphatics (Unadj.)	2500	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	6720 [a]	250	ug/l	
	C9- C10 Aromatics (Unadj.)	3490 [a]	250	ug/l	
	C5- C8 Aliphatics	2320	50	ug/l	
	C9- C12 Aliphatics	ND	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
	2,3,4-Trifluorotoluene	114%	106%	70-130%
	2,3,4-Trifluorotoluene	96%	92%	70-130%

(a) Result is from Run# 2

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20		
Lab Sample ID:	MC33755-3	**Date Sampled:**	09/18/14
Matrix:	AQ - Ground Water	**Date Received:**	09/19/14
Method:	MADEP VPH REV 1.1	**Percent Solids:**	n/a
Project:	SCMAA:98997804 (REIMBMA) 139 Medway Street AKA 89 Medway, Milford, MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WX75433.D	1	09/24/14	TB	n/a	n/a	GWX3683
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

MA-VPH List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	5.5	1.0	ug/l	
100-41-4	Ethylbenzene	139	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
91-20-3	Naphthalene	71.2	3.0	ug/l	
108-88-3	Toluene	6.3	2.0	ug/l	
	m,p-Xylene	22.2	2.0	ug/l	
95-47-6	o-Xylene	5.3	2.0	ug/l	
	C5- C8 Aliphatics (Unadj.)	1590	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	1960	50	ug/l	
	C9- C10 Aromatics (Unadj.)	1700	50	ug/l	
	C5- C8 Aliphatics	1570	50	ug/l	
	C9- C12 Aliphatics	93.7	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
	2,3,4-Trifluorotoluene	111%		70-130%
	2,3,4-Trifluorotoluene	95%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21		
Lab Sample ID:	MC33755-4	**Date Sampled:**	09/18/14
Matrix:	AQ - Ground Water	**Date Received:**	09/19/14
Method:	MADEP VPH REV 1.1	**Percent Solids:**	n/a
Project:	SCMAA:98997804 (REIMBMA) 139 Medway Street AKA 89 Medway, Milford, MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	WX75432.D	1	09/24/14	TB	n/a	n/a	GWX3683
Run #2	WX75443.D	5	09/25/14	TB	n/a	n/a	GWX3684

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

MA-VPH List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	486	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
91-20-3	Naphthalene	91.7	3.0	ug/l	
108-88-3	Toluene	17.7	2.0	ug/l	
	m,p-Xylene	292	2.0	ug/l	
95-47-6	o-Xylene	9.7	2.0	ug/l	
	C5- C8 Aliphatics (Unadj.)	2770	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	4900	50	ug/l	
	C9- C10 Aromatics (Unadj.)	3390 [a]	250	ug/l	
	C5- C8 Aliphatics	2750	50	ug/l	
	C9- C12 Aliphatics	723	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
	2,3,4-Trifluorotoluene	111%	108%	70-130%
	2,3,4-Trifluorotoluene	99%	94%	70-130%

(a) Result is from Run# 2

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- MCP Form
- VPH Form
- Sample Tracking Chronicle

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)

- ☒ ACCUTEST (__________)
- ☐ CRESCENDO (__________)
- ☐ TESTAMERICA (__________)
- ☐ Other (__________)

Lab Vendor # See Dropdown

Please Check Appropriate Box:

☐ ENV. SERVICES	☐ MOTIVA RETAIL	☐ SHELL RETAIL
☐ MOTIVA SD&CM	☒ CONSULTANT	☐ LUBES
☐ SHELL PIPELINE	☐ OTHER ______	

Print Bill To Contact Name:	INCIDENT # (ENV SERVICES)	☐ CHECK IF NO INCIDENT # APPLIES
Kelly Doherty	98997804	DATE: 9/18/14
PO #	SAP #	PAGE: 1 of 1
	137798	

SAMPLING COMPANY	Sovereign Consulting
ADDRESS	4 Open Square Way, Suite 307 Holyoke, MAHolyoke, MA 01040
PROJECT CONTACT	Kelly Doherty
TELEPHONE	(413) 540-0650
FAX	
E-MAIL	Kdoherty@sovcon.com

SITE ADDRESS: Street and City	139 MEDWAY ST / AKA 99	State: MA
EDF DELIVERABLE TO	Sovereign Consulting Inc	PHONE NO.: (413) 540-0650
E-MAIL	Kdoherty@sovcon.com	CONSULTANT PROJECT NO.: 2R 889
LAB USE ONLY	MC33755	

TURNAROUND TIME (CALENDAR DAYS): ☒ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

DELIVERABLES: ☐ LEVEL 1 ☐ LEVEL 2 ☐ LEVEL 3 ☐ LEVEL 4 ☐ OTHER (SPECIFY) _MCP CAM Report_

TEMPERATURE ON RECEIPT C° Cooler #1 Cooler #2 Cooler #3

SPECIAL INSTRUCTIONS OR NOTES :

Must meet GW-1, GW-2, GW-3 standards, provide MCP CAM Report

- ☐ SHELL CONTRACT RATE APPLIES
- ☒ STATE REIMBURSEMENT RATE APPLIES
- ☒ EDD NOT NEEDED
- ☐ RECEIPT VERIFICATION REQUESTED
- ☐ PROVIDE EDD DISK

REQUESTED ANALYSIS — UNIT COST / NON-UNIT COST

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	MassDEP VPH	FIELD NOTES: Container PID Readings or Laboratory Notes
-1	MW-18	9/18/14	1130	GW	x					2	x	
-2	MW-19	↓	1036	GW	x					2	x	
-3	MW-20	↓	1215	GW	x					2	x	
-4	MW-21	↓	1058	GW	x					2	x	

FIELD NOTES: TEMPERATURE ON RECEIPT C°

5B3

Relinquished by (Signature)	Received by (Signature)	Date	Time
[signature]	Sovereign Secure Fridge	9/18/14	1340
Paul Chastenay	[signature]	9/19/14	1010
[signature]	[signature]	9/19/14	1530

1.2°c

MC33755: Chain of Custody

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Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC33755 **Client:** SOVEREIGN **Project:** 2R889

Date / Time Received: 9/19/2014 3:30:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Initial/Adjusted): #1: (1.2/1.2);

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Thermometer ID:	G1;	
3. Cooler media:	Ice (Bag)	
4. No. Coolers:	1	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V: (508) 481-6200

495 Technology Center West, Bldg One
F: (508) 481-7753

Marlborough, MA 01752
www.accutest.com

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MC33755: Chain of Custody
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Exhibit VII A-2: MassDEP Analytical Protocol Certification Form

MassDEP Analytical Protocol Certification Form

Laboratory Name:	Accutest Laboratories of New England	Project #:	MC33755
Project Location:	SCMAA:98997804 (REIMBMA) 139 Medway Street AKA 89 Medway, Milford, MA	MADEP RTN	None

This form provides certifications for the following data set: list Laboratory Sample ID Numbers(s)
MC33755-1,MC33755-2,MC33755-3,MC33755-4

Matrices: Groundwater/Surface Water (X) Soil/Sediment ( ) Drinking Water ( ) Air ( ) Other ( )

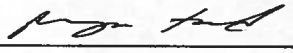
CAM Protocol (check all that apply below):

8260 VOC ( ) CAM IIA	7470/7471 Hg ( ) CAM III B	MassDEP VPH (X) CAM IV A	8081 Pesticides ( ) CAM V B	7196 Hex Cr ( ) CAM VI B	Mass DEP APH ( ) CAM IX A
8270 SVOC ( ) CAM II B	7010 Metals ( ) CAM III C	MassDEP EPH ( ) CAM IV B	8151 Herbicides ( ) CAM V C	8330 Explosives ( ) CAM VIII A	TO-15 VOC ( ) CAM IX B
6010 Metals ( ) CAM III A	6020 Metals ( ) CAM III D	8082 PCB ( ) CAM V A	9014 Total Cyanide/PAC ( ) CAM VI A	6860 Perchlorate ( ) CAM VIII B	

	Affirmative Responses to Questions A Through F are required for "Presumptive Certainty status			
A	Were all samples received in a condition consistent with those described on the Chain-of Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	☑	Yes	☐ No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	☑	Yes	☐ 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	☐ No
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	☐ No
E	VPH, EPH, APH, and TO-15 only: 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). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	☑ ☑	Yes Yes	☐ No ☐ No
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	☐ No
	Responses to questions G, H, and I below is required for "Presumptive Certainty" status			
G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocols	☑	Yes	☐ No [1]
	Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data useability and representativeness requirements described in 310 CMR 40.1056(2)(k) and WSC-07-350.			
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	☑	Yes	☐ No [1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	☑	Yes	☐ No [1]

[1] ***All Negative responses must be addressed in an attached Environmental Laboratory case narrative.***

I the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature:		Position:	Laboratory Director
Printed Name:	Reza Tand	Date:	09/30/2014

MADEP VPH FORM

Matrix	Aqueous ☑	Soil ☐	Sediment ☐	Other ☐			
Containers	Satisfactory ☑	Broken ☐	Leaking ☐				
Aqueous Preservatives	N/A ☐	pH <= 2 ☑	pH > 2 ☐				
Temperature	Received on Ice ☐	Received at 4 Deg. C ☐	Other ☑	Rec'd at 1.2 Deg. C			
Methanol	N/A						

Method for Ranges: MADEP VPH REV 1.1
Method for Target Analytes: MADEP VPH REV 1.1
VPH Surrogate Standards
PID:
FID:

Client ID: MW-18 Lab ID: MC33755-1
Date Collected: 9/18/2014 Date Received: 9/19/2014

Date Extracted:	First Date Run:	Last Date Run:
N/A	9/24/2014	N/A
% Solids:	**Low Dilution:**	**High Dilution:**
N/A	1	N/A

Unadjusted Ranges	CAS #	Elution Range	Units	Result	RDL	Q
C5- C8 Aliphatics (Unadj.)		N/A	ug/l	1800 A	50	
C9- C10 Aromatics (Unadj.)		N/A	ug/l	2910 A	50	
C9- C12 Aliphatics (Unadj.)		N/A	ug/l	3490 A	50	
Target Analytes						
Ethylbenzene	100-41-4	C9-C12	ug/l	167	2	
Methyl Tert Butyl Ether	1634-04-4	C5-C8	ug/l	ND	1	
Benzene	71-43-2	C5-C8	ug/l	ND	1	
Naphthalene	91-20-3	N/A	ug/l	77.8	3	
o-Xylene	95-47-6	C9-C12	ug/l	35.3	2	
m,p-Xylene		C9-C12	ug/l	183	2	
Toluene	108-88-3	C5-C8	ug/l	3.1	2	
Adjusted Ranges						
C5- C8 Aliphatics		N/A	ug/l	1790 B	50	
C9- C12 Aliphatics		N/A	ug/l	190 C	50	

Surrogate Recoveries			Acceptance Range
FID:2,3,4-Trifluorotoluene	%	96	70-130 %
PID:2,3,4-Trifluorotoluene	%	112	70-130 %

Footnotes

A Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

B Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range. C5-C8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range.

C Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range. C9-C12 aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C9-C10 Aromatic Hydrocarbons.

Z A 'J' qualifier indicates an estimated value

Were all QA/QC procedures REQUIRED by the VPH Method followed? ☑ Yes ☐ No- Details Attatched
Were all performance/acceptance standards for required QA/QC procedures achieved? ☑ Yes ☐ No- Details Attatched
Were any significant modifications made to the VPH method, as specified in Sect. 11.3? ☑ No ☐ Yes- Details Attatched

I attest under the pains and penalties of perjury 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

Signature _____ Postition Laboratory Director

Printed Name Reza Tand Date 9/30/2014

MADEP VPH FORM

Matrix	Aqueous ☑	Soil ☐	Sediment ☐	Other ☐			
Containers	Satisfactory ☑	Broken ☐	Leaking ☐				
Aqueous Preservatives	N/A ☐	pH <= 2 ☑	pH > 2 ☐				
Temperature	Received on Ice ☐	Received at 4 Deg. C ☐	Other ☑	Rec'd at 1.2 Deg. C			
Methanol	N/A						

Method for Ranges:	MADEP VPH REV 1.1	Client ID: MW-19		Lab ID: MC33755-2	
Method for Target Analytes:	MADEP VPH REV 1.1	Date Collected: 9/18/2014		Date Received: 9/19/2014	
VPH Surrogate Standards		Date Extracted:	First Date Run:	Last Date Run:	
PID:		N/A	9/24/2014	09/25/14	
FID:		% Solids:	Low Dilution:	High Dilution:	
		N/A	1	5	

Unadjusted Ranges	CAS #	Elution Range	Units	Result	RDL	Q
C9- C10 Aromatics (Unadj.)		N/A	ug/l	3490 A	250	
C9- C12 Aliphatics (Unadj.)		N/A	ug/l	6720 A	250	
C5- C8 Aliphatics (Unadj.)		N/A	ug/l	2500 A	50	
Target Analytes						
Ethylbenzene	100-41-4	C9-C12	ug/l	1170	10	
m,p-Xylene		C9-C12	ug/l	2160	10	
Toluene	108-88-3	C5-C8	ug/l	168	2	
Methyl Tert Butyl Ether	1634-04-4	C5-C8	ug/l	ND	1	
Benzene	71-43-2	C5-C8	ug/l	13.8	1	
Naphthalene	91-20-3	N/A	ug/l	178	3	
o-Xylene	95-47-6	C9-C12	ug/l	235	2	
Adjusted Ranges						
C5- C8 Aliphatics		N/A	ug/l	2320 B	50	
C9- C12 Aliphatics		N/A	ug/l	ND C	50	

Surrogate Recoveries			Acceptance Range
FID:2,3,4-Trifluorotoluene	%	92	70-130 %
PID:2,3,4-Trifluorotoluene	%	106	70-130 %
FID:2,3,4-Trifluorotoluene	%	96	70-130 %
PID:2,3,4-Trifluorotoluene	%	114	70-130 %

Footnotes

A Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

B Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range. C5-C8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range.

C Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range. C9-C12 aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C9-C10 Aromatic Hydrocarbons.

Z A 'J' qualifier indicates an estimated value

Were all QA/QC procedures REQUIRED by the VPH Method followed?	☑ Yes ☐	No- Details Attatched
Were all performance/acceptance standards for required QA/QC procedures achieved?	☑ Yes ☐	No- Details Attatched
Were any significant modifications made to the VPH method, as specified in Sect. 11.3?	☑ No ☐	Yes- Details Attatched

I attest under the pains and penalties of perjury 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

Signature _____ Postition Laboratory Director

Printed Name Reza Tand Date 9/30/2014

MADEP VPH FORM

Matrix	Aqueous ☑	Soil ☐	Sediment ☐	Other ☐			
Containers	Satisfactory ☑	Broken ☐	Leaking ☐				
Aqueous Preservatives	N/A ☐	pH <= 2 ☑	pH > 2 ☐				
Temperature	Received on Ice ☐	Received at 4 Deg. C ☐	Other ☑	Rec'd at 1.2 Deg. C			
Methanol	N/A						

Method for Ranges:	MADEP VPH REV 1.1	Client ID: MW-20	Lab ID: MC33755-3
Method for Target Analytes:	MADEP VPH REV 1.1	Date Collected: 9/18/2014	Date Received: 9/19/2014
VPH Surrogate Standards		Date Extracted: N/A	First Date Run: 9/24/2014
PID:		% Solids: N/A	Low Dilution: 1
FID:			Last Date Run: N/A
			High Dilution: N/A

Unadjusted Ranges	CAS #	Elution Range	Units	Result	RDL	Q
C5- C8 Aliphatics (Unadj.)		N/A	ug/l	1590 A	50	
C9- C10 Aromatics (Unadj.)		N/A	ug/l	1700 A	50	
C9- C12 Aliphatics (Unadj)		N/A	ug/l	1960 A	50	
Target Analytes						
Ethylbenzene	100-41-4	C9-C12	ug/l	139	2	
Toluene	108-88-3	C5-C8	ug/l	6.3	2	
Methyl Tert Butyl Ether	1634-04-4	C5-C8	ug/l	ND	1	
Benzene	71-43-2	C5-C8	ug/l	5.5	1	
Naphthalene	91-20-3	N/A	ug/l	71.2	3	
o-Xylene	95-47-6	C9-C12	ug/l	5.3	2	
m,p-Xylene		C9-C12	ug/l	22.2	2	
Adjusted Ranges						
C5- C8 Aliphatics		N/A	ug/l	1570 B	50	
C9- C12 Aliphatics		N/A	ug/l	93.7 C	50	

Surrogate Recoveries			Acceptance Range
FID:2,3,4-Trifluorotoluene	%	95	70-130 %
PID:2,3,4-Trifluorotoluene	%	111	70-130 %

Footnotes

A Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

B Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range. C5-C8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range.

C Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range. C9-C12 aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C9-C10 Aromatic Hydrocarbons.

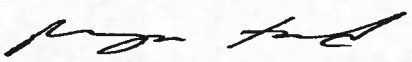
Z A 'J' qualifier indicates an estimated value

Were all QA/QC procedures REQUIRED by the VPH Method followed? ☑ Yes ☐ No- Details Attatched

Were all performance/acceptance standards for required QA/QC procedures achieved? ☑ Yes ☐ No- Details Attatched

Were any significant modifications made to the VPH method, as specified in Sect. 11.3? ☑ No ☐ Yes- Details Attatched

I attest under the pains and penalties of perjury 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

Signature  Postition Laboratory Director

Printed Name Reza Tand Date 9/30/2014

MADEP VPH FORM

Matrix	Aqueous ☑	Soil ☐	Sediment ☐	Other ☐			
Containers	Satisfactory ☑	Broken ☐	Leaking ☐				
Aqueous Preservatives	N/A ☐	pH <= 2 ☑	pH > 2 ☐				
Temperature	Received on Ice ☐	Received at 4 Deg. C ☐	Other ☑	Rec'd at 1.2 Deg. C			
Methanol	N/A						

Method for Ranges:	MADEP VPH REV 1.1	Client ID: MW-21	Lab ID: MC33755-4
Method for Target Analytes:	MADEP VPH REV 1.1	Date Collected: 9/18/2014	Date Received: 9/19/2014
VPH Surrogate Standards		Date Extracted: N/A	First Date Run: 9/24/2014
PID:		% Solids: N/A	Low Dilution: 1
FID:			Last Date Run: 09/25/14
			High Dilution: 5

Unadjusted Ranges	CAS #	Elution Range	Units	Result	RDL	Q
C9- C10 Aromatics (Unadj.)		N/A	ug/l	3390 ^	250	
C5- C8 Aliphatics (Unadj.)		N/A	ug/l	2770 ^	50	
C9- C12 Aliphatics (Unadj.)		N/A	ug/l	4900 ^	50	
Target Analytes						
m,p-Xylene		C9-C12	ug/l	292	2	
Ethylbenzene	100-41-4	C9-C12	ug/l	486	2	
Toluene	108-88-3	C5-C8	ug/l	17.7	2	
Methyl Tert Butyl Ether	1634-04-4	C5-C8	ug/l	ND	1	
Benzene	71-43-2	C5-C8	ug/l	ND	1	
Naphthalene	91-20-3	N/A	ug/l	91.7	3	
o-Xylene	95-47-6	C9-C12	ug/l	9.7	2	
Adjusted Ranges						
C5- C8 Aliphatics		N/A	ug/l	2750 [B]	50	
C9- C12 Aliphatics		N/A	ug/l	723 [C]	50	

Surrogate Recoveries			Acceptance Range
FID:2,3,4-Trifluorotoluene	%	94	70-130 %
PID:2,3,4-Trifluorotoluene	%	108	70-130 %
FID:2,3,4-Trifluorotoluene	%	99	70-130 %
PID:2,3,4-Trifluorotoluene	%	111	70-130 %

Footnotes

A Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

B Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range. C5-C8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range.

C Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range. C9-C12 aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C9-C10 Aromatic Hydrocarbons.

Z A 'J' qualifier indicates an estimated value

Were all QA/QC procedures REQUIRED by the VPH Method followed? ☑ Yes ☐ No- Details Attatched

Were all performance/acceptance standards for required QA/QC procedures achieved? ☑ Yes ☐ No- Details Attatched

Were any significant modifications made to the VPH method, as specified in Sect. 11.3? ☑ No ☐ Yes- Details Attatched

I attest under the pains and penalties of perjury 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

Signature _____ Postition Laboratory Director

Printed Name Reza Tand Date 9/30/2014

Internal Sample Tracking Chronicle

Shell Oil

Job No: MC33755

SCMAA:98997804 (REIMBMA) 139 Medway Street AKA 89 Medway, Milford, MA
Project No: SAP#137798 2R889

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC33755-1	Collected: 18-SEP-14 11:30 By: MW-18		Received: 19-SEP-14 By:			
MC33755-1	MADEP VPH REV 1.1	24-SEP-14 20:06	TB			VMAVPH
MC33755-2	Collected: 18-SEP-14 10:36 By: MW-19		Received: 19-SEP-14 By:			
MC33755-2	MADEP VPH REV 1.1	24-SEP-14 19:29	TB			VMAVPH
MC33755-2	MADEP VPH REV 1.1	25-SEP-14 13:31	TB			VMAVPH
MC33755-3	Collected: 18-SEP-14 12:15 By: MW-20		Received: 19-SEP-14 By:			
MC33755-3	MADEP VPH REV 1.1	24-SEP-14 18:52	TB			VMAVPH
MC33755-4	Collected: 18-SEP-14 10:58 By: MW-21		Received: 19-SEP-14 By:			
MC33755-4	MADEP VPH REV 1.1	24-SEP-14 18:15	TB			VMAVPH
MC33755-4	MADEP VPH REV 1.1	25-SEP-14 14:08	TB			VMAVPH

New England ACCUTEST LABORATORIES

GC Volatiles

6

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC33755
Account: SHELLWIC Shell Oil
Project: SCMAA:98997804 (REIMBMA) 139 Medway Street AKA 89 Medway, Milford, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GWX3683-MB	WX75424A.D	1	09/24/14	TB	n/a	n/a	GWX3683

The QC reported here applies to the following samples: **Method:** MADEP VPH REV 1.1

MC33755-1, MC33755-2, MC33755-3, MC33755-4

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
91-20-3	Naphthalene	ND	3.0	ug/l	
108-88-3	Toluene	ND	2.0	ug/l	
	m,p-Xylene	ND	2.0	ug/l	
95-47-6	o-Xylene	ND	2.0	ug/l	
	C5- C8 Aliphatics (Unadj.)	ND	50	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	50	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	50	ug/l	
	C5- C8 Aliphatics	ND	50	ug/l	
	C9- C12 Aliphatics	ND	50	ug/l	

CAS No.	Surrogate Recoveries		Limits
	2,3,4-Trifluorotoluene	103%	70-130%
	2,3,4-Trifluorotoluene	90%	70-130%

Method Blank Summary

Job Number: MC33755
Account: SHELLWIC Shell Oil
Project: SCMAA:98997804 (REIMBMA) 139 Medway Street AKA 89 Medway, Milford, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GWX3684-MB	WX75439.D	1	09/25/14	TB	n/a	n/a	GWX3684

The QC reported here applies to the following samples: **Method:** MADEP VPH REV 1.1

MC33755-2, MC33755-4

CAS No.	Compound	Result	RL	Units	Q
100-41-4	Ethylbenzene	ND	2.0	ug/l	
	m,p-Xylene	ND	2.0	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	50	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	50	ug/l	

CAS No.	Surrogate Recoveries		Limits
	2,3,4-Trifluorotoluene	98%	70-130%
	2,3,4-Trifluorotoluene	89%	70-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC33755
Account: SHELLWIC Shell Oil
Project: SCMAA:98997804 (REIMBMA) 139 Medway Street AKA 89 Medway, Milford, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GWX3683-BSP	WX75425A.D	1	09/24/14	TB	n/a	n/a	GWX3683
GWX3683-BSD	WX75427A.D	1	09/24/14	TB	n/a	n/a	GWX3683

The QC reported here applies to the following samples: **Method:** MADEP VPH REV 1.1

MC33755-1, MC33755-2, MC33755-3, MC33755-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	50	60.7	121	59.3	119	2	70-130/25
100-41-4	Ethylbenzene	50	60.9	122	59.5	119	2	70-130/25
1634-04-4	Methyl Tert Butyl Ether	50	56.6	113	59.1	118	4	70-130/25
91-20-3	Naphthalene	50	35.6	71	43.1	86	19	70-130/25
108-88-3	Toluene	50	61.1	122	59.7	119	2	70-130/25
	m,p-Xylene	100	120	120	117	117	3	70-130/25
95-47-6	o-Xylene	50	57.3	115	56.5	113	1	70-130/25
	C5- C8 Aliphatics (Unadj.)	150	159	106	154	103	3	70-130/25
	C9- C12 Aliphatics (Unadj.)	150	144	96	139	93	4	70-130/25
	C9- C10 Aromatics (Unadj.)	50	54.1	108	52.5	105	3	70-130/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
	2,3,4-Trifluorotoluene	109%	105%	70-130%
	2,3,4-Trifluorotoluene	92%	89%	70-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC33755
Account: SHELLWIC Shell Oil
Project: SCMAA:98997804 (REIMBMA) 139 Medway Street AKA 89 Medway, Milford, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GWX3684-BSP	WX75440.D	1	09/25/14	TB	n/a	n/a	GWX3684
GWX3684-BSD	WX75441.D	1	09/25/14	TB	n/a	n/a	GWX3684

The QC reported here applies to the following samples: **Method:** MADEP VPH REV 1.1

MC33755-2, MC33755-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	50	58.6	117	59.1	118	1	70-130/25
	m,p-Xylene	100	116	116	117	117	1	70-130/25
	C9- C12 Aliphatics (Unadj.)	150	138	92	138	92	0	70-130/25
	C9- C10 Aromatics (Unadj.)	50	52.2	104	52.6	105	1	70-130/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
	2,3,4-Trifluorotoluene	107%	107%	70-130%
	2,3,4-Trifluorotoluene	94%	94%	70-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC33755
Account: SHELLWIC Shell Oil
Project: SCMAA:98997804 (RELMBMA) 139 Medway Street AKA 89 Medway, Milford, MA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GWX3684-BSP	WX75440.D	1	09/25/14	TB	n/a	n/a	GWX3684
GWX3684-BSD	WX75441.D	1	09/25/14	TB	n/a	n/a	GWX3684

The QC reported here applies to the following samples: **Method:** MADEP VPH REV 1.1

MC33755-2, MC33755-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	50	58.6	117	59.1	118	1	70-130/25
	m,p-Xylene	100	116	116	117	117	1	70-130/25
	C9- C12 Aliphatics (Unadj.)	150	138	92	138	92	0	70-130/25
	C9- C10 Aromatics (Unadj.)	50	52.2	104	52.6	105	1	70-130/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
	2,3,4-Trifluorotoluene	107%	107%	70-130%
	2,3,4-Trifluorotoluene	94%	94%	70-130%

* = Outside of Control Limits.

Volatile Surrogate Recovery Summary

Job Number: MC33755
Account: SHELLWIC Shell Oil
Project: SCMAA:98997804 (REIMBMA) 139 Medway Street AKA 89 Medway, Milford, MA

Method: MADEP VPH REV 1.1 **Matrix:** AQ

Samples and QC shown here apply to the above method

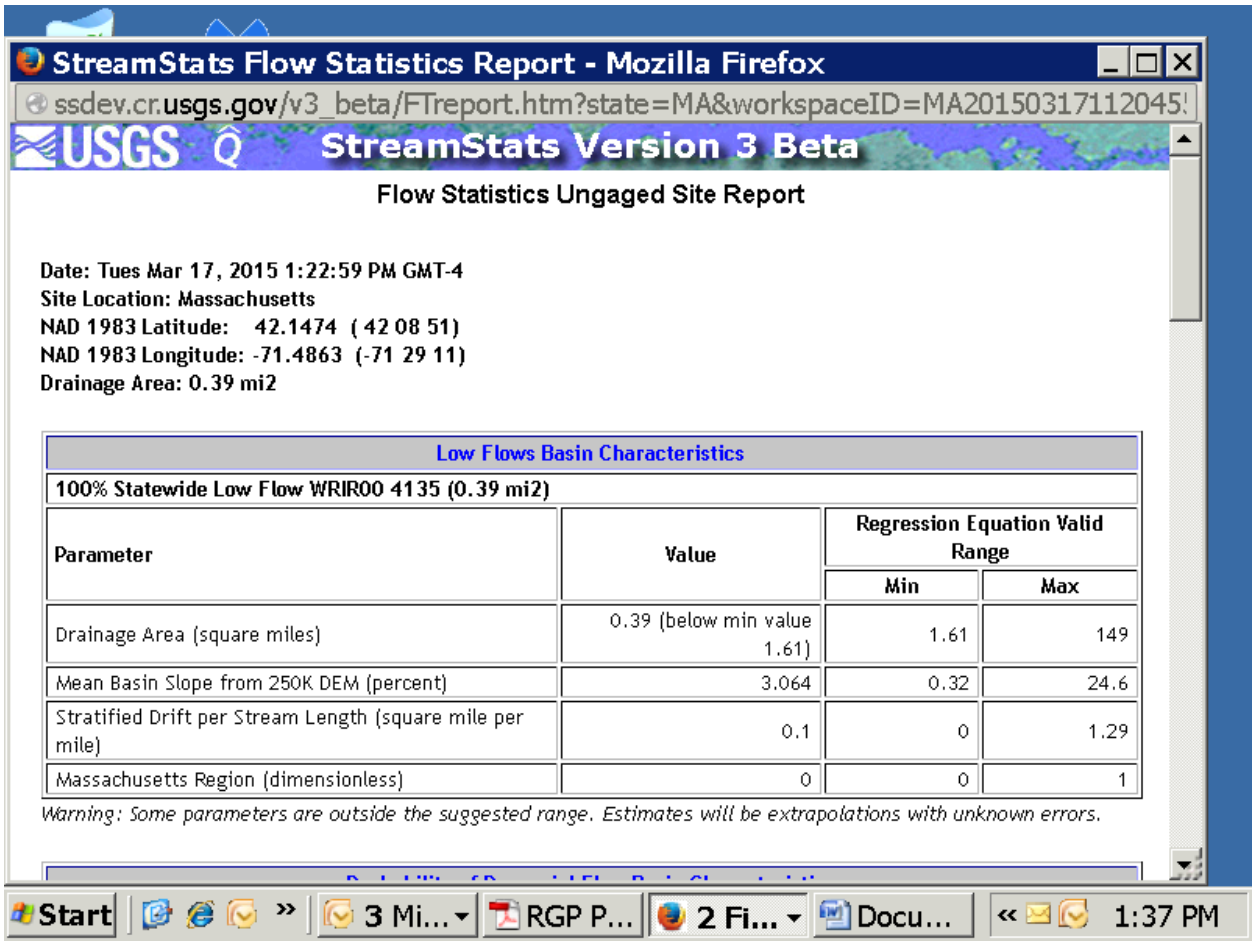
Lab Sample ID	Lab File ID	S1 [a]	S1 [b]
MC33755-1	WX75435.D	112	96
MC33755-2	WX75442.D	106	92
MC33755-2	WX75434.D	114	96
MC33755-3	WX75433.D	111	95
MC33755-4	WX75443.D	108	94
MC33755-4	WX75432.D	111	99
GWX3683-BSD	WX75427A.D	105	89
GWX3683-BSP	WX75425A.D	109	92
GWX3683-MB	WX75424A.D	103	90
GWX3684-BSD	WX75441.D	107	94
GWX3684-BSP	WX75440.D	107	94
GWX3684-MB	WX75439.D	98	89

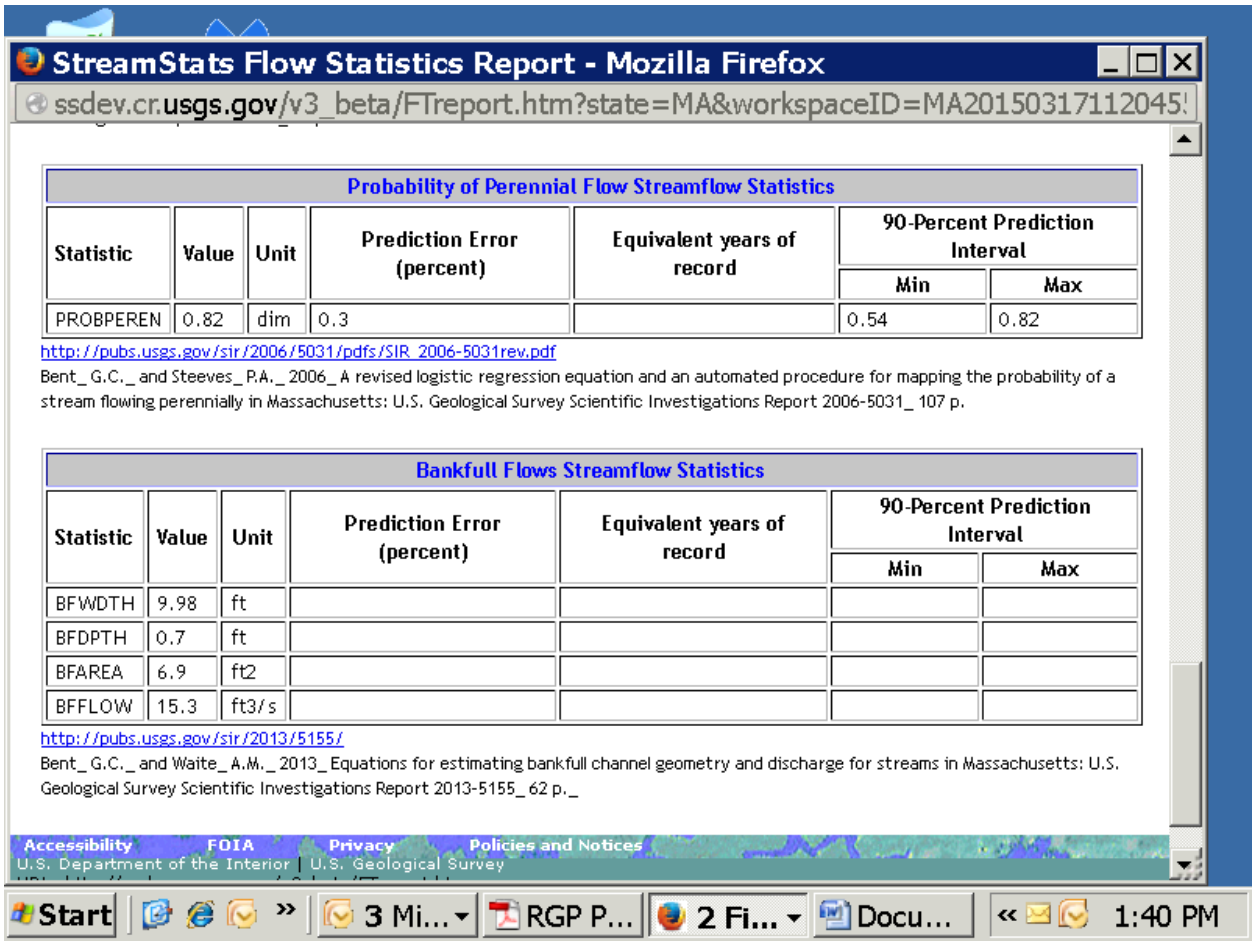
Surrogate Compounds	Recovery Limits
S1 = 2,3,4-Trifluorotoluene	70-130%

(a) Recovery from GC signal #2
(b) Recovery from GC signal #1

ATTACHMENT C
STREAMSTATS

CORPORATE ENVIRONMENTAL ADVISORS, INC.


StreamStats Flow Statistics Report - Mozilla Firefox
ssdev.cr.usgs.gov/v3_beta/FTreport.htm?state=MA&workspaceID=MA20150317112045
USGS
StreamStats Version 3 Beta
Flow Statistics Ungaged Site Report
Date: Tues Mar 17, 2015 1:22:59 PM GMT-4
Site Location: Massachusetts
NAD 1983 Latitude: 42.1474 (42 08 51)
NAD 1983 Longitude: -71.4863 (-71 29 11)
Drainage Area: 0.39 mi2
Low Flows Basin Characteristics
100% Statewide Low Flow WRIR00 4135 (0.39 mi2)
Parameter
Value
Regression Equation Valid Range
Min
Max
Drainage Area (square miles)
0.39 (below min value 1.61)
1.61
149
Mean Basin Slope from 250K DEM (percent)
3.064
0.32
24.6
Stratified Drift per Stream Length (square mile per mile)
0.1
0
1.29
Massachusetts Region (dimensionless)
0
0
1
Warning: Some parameters are outside the suggested range. Estimates will be extrapolations with unknown errors.
Start
3 Mi...
RGP P...
2 Fi...
Docu...
1:37 PM



Probability of Perennial Flow Streamflow Statistics

Statistic	Value	Unit	Prediction Error (percent)	Equivalent years of record	90-Percent Prediction Interval	
					Min	Max
PROBPEREN	0.82	dim	0.3		0.54	0.82

http://pubs.usgs.gov/sir/2006/5031/pdfs/SIR_2006-5031rev.pdf

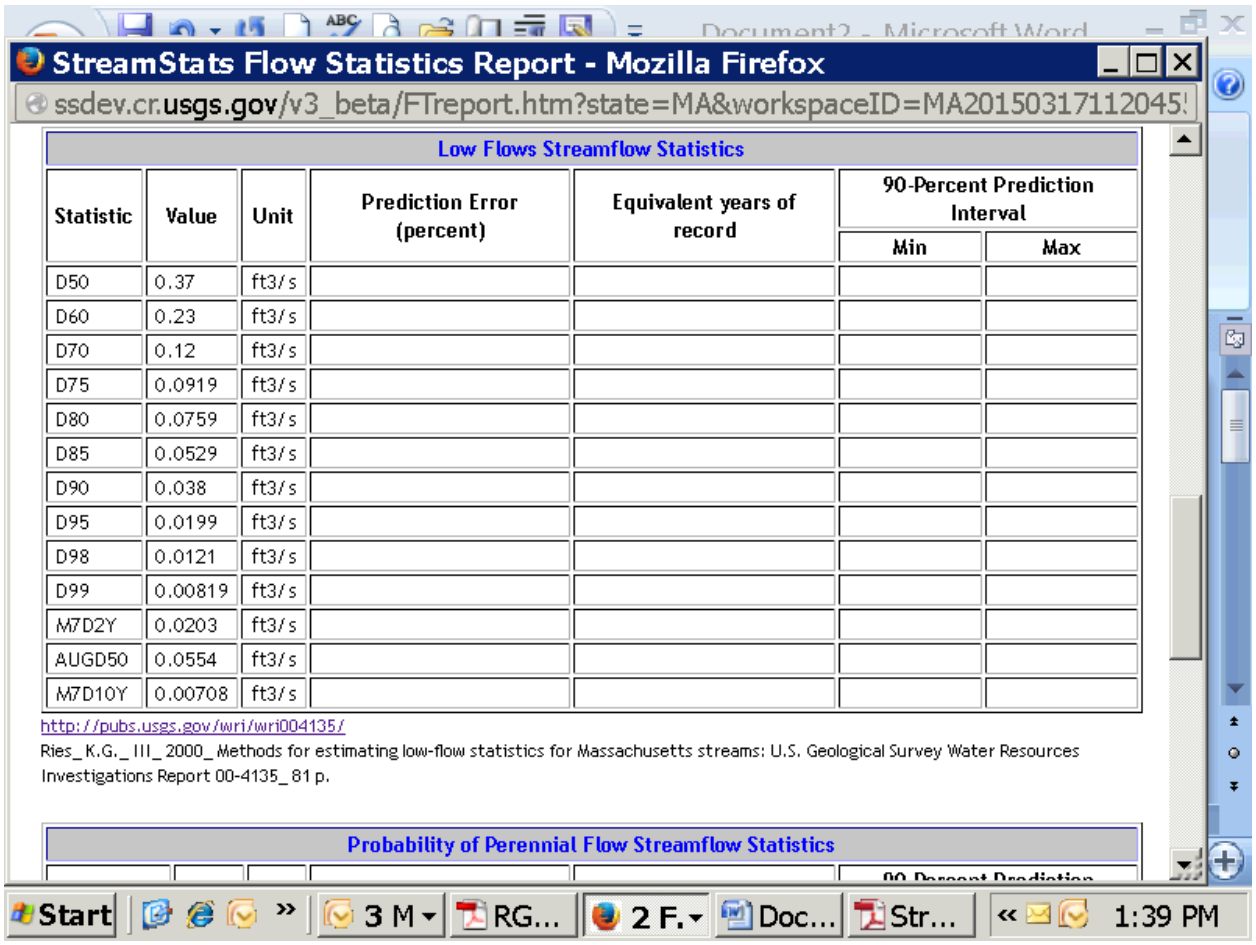
Bent_ G.C._ and Steeves_ P.A._ 2006_ A revised logistic regression equation and an automated procedure for mapping the probability of a stream flowing perennially in Massachusetts: U.S. Geological Survey Scientific Investigations Report 2006-5031_ 107 p.

Bankfull Flows Streamflow Statistics

Statistic	Value	Unit	Prediction Error (percent)	Equivalent years of record	90-Percent Prediction Interval	
					Min	Max
BFWDTH	9.98	ft				
BFDPTH	0.7	ft				
BFAREA	6.9	ft2				
BFFLOW	15.3	ft3/s				

http://pubs.usgs.gov/sir/2013/5155/

Bent_ G.C._ and Waite_ A.M._ 2013_ Equations for estimating bankfull channel geometry and discharge for streams in Massachusetts: U.S. Geological Survey Scientific Investigations Report 2013-5155_ 62 p._



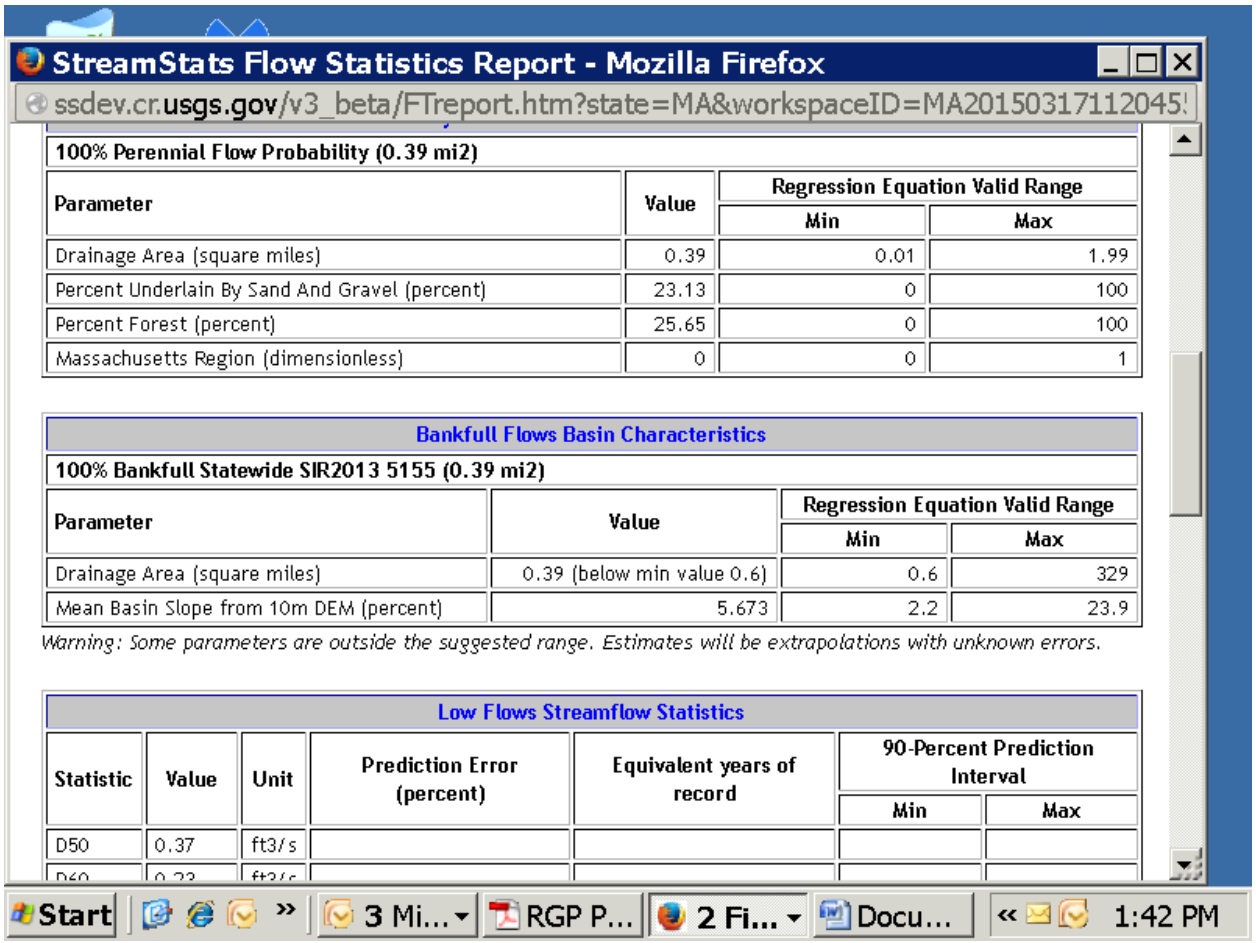
Low Flows Streamflow Statistics

Statistic	Value	Unit	Prediction Error (percent)	Equivalent years of record	90-Percent Prediction Interval	
					Min	Max
D50	0.37	ft3/s				
D60	0.23	ft3/s				
D70	0.12	ft3/s				
D75	0.0919	ft3/s				
D80	0.0759	ft3/s				
D85	0.0529	ft3/s				
D90	0.038	ft3/s				
D95	0.0199	ft3/s				
D98	0.0121	ft3/s				
D99	0.00819	ft3/s				
M7D2Y	0.0203	ft3/s				
AUGD50	0.0554	ft3/s				
M7D10Y	0.00708	ft3/s				

http://pubs.usgs.gov/wri/wri004135/

Ries_K.G._III_2000_Methods for estimating low-flow statistics for Massachusetts streams: U.S. Geological Survey Water Resources Investigations Report 00-4135_81 p.

Probability of Perennial Flow Streamflow Statistics



100% Perennial Flow Probability (0.39 mi2)

Parameter	Value	Regression Equation Valid Range	
		Min	Max
Drainage Area (square miles)	0.39	0.01	1.99
Percent Underlain By Sand And Gravel (percent)	23.13	0	100
Percent Forest (percent)	25.65	0	100
Massachusetts Region (dimensionless)	0	0	1

Bankfull Flows Basin Characteristics

100% Bankfull Statewide SIR2013 5155 (0.39 mi2)

Parameter	Value	Regression Equation Valid Range	
		Min	Max
Drainage Area (square miles)	0.39 (below min value 0.6)	0.6	329
Mean Basin Slope from 10m DEM (percent)	5.673	2.2	23.9

Warning: Some parameters are outside the suggested range. Estimates will be extrapolations with unknown errors.

Low Flows Streamflow Statistics

Statistic	Value	Unit	Prediction Error (percent)	Equivalent years of record	90-Percent Prediction Interval	
					Min	Max
D50	0.37	ft3/s				
D60	0.23	ft3/s				

ATTACHMENT D

GIS AND NHESP MAPS

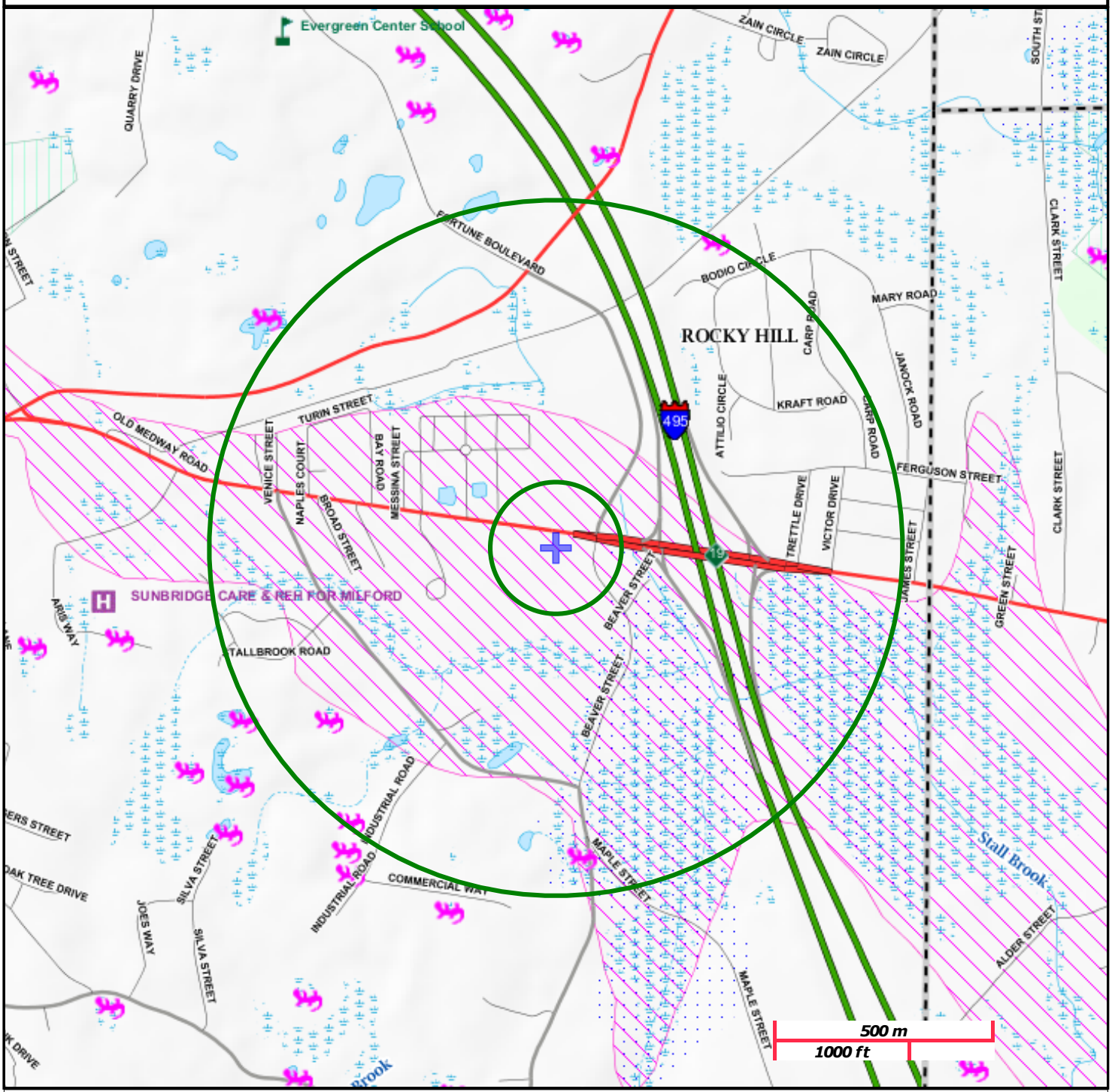
MassDEP - Bureau of Waste Site Cleanup

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

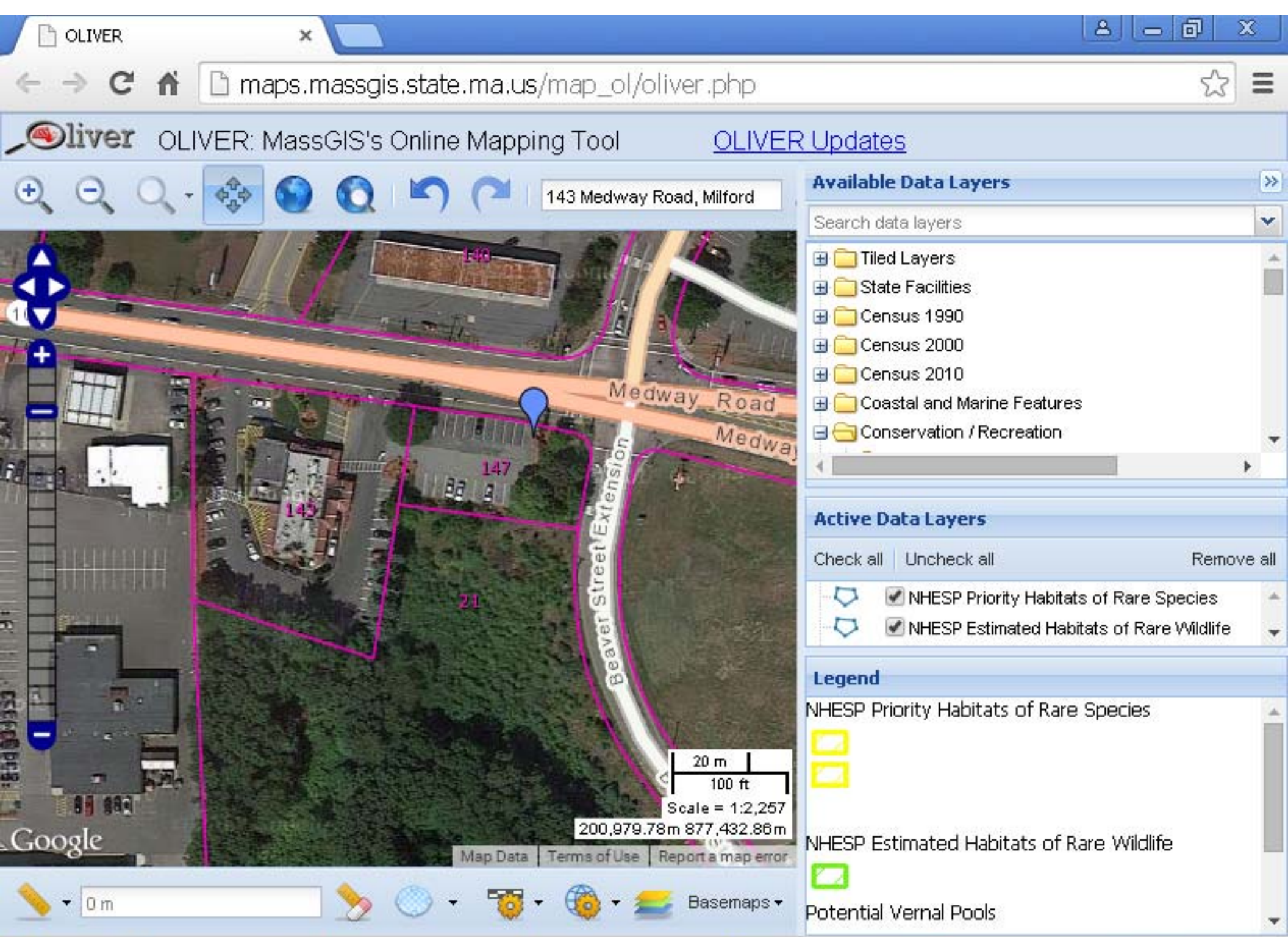
Site Information:
MCDONALD'S RESTAURANT
143 MEDWAY ROAD MILFORD, MA
2-000010207
NAD83 UTM Meters:
4669168mN , 294362mE (Zone: 19)
March 20, 2015

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

MassDEP
Commonwealth of Massachusetts
Department of Environmental Protection



Roads: Limited Access, Divided, Other Hwy, Major Road, Minor Road, Track, Trail
Boundaries: Town, County, DEP Region; Train; Powerline; Pipeline; Aqueduct
Basins: Major, PWS; Streams: Perennial, Intermittent, Man Made Shore, Dam
Aquifers: Medium Yield, High Yield, EPA Sole Source
Non Potential Drinking Water Source Area: Medium, High (Yield)
PWS Protection Areas: Zone II, IWPA, Zone A
Hydrography: Open Water, PWS Reservoir, Tidal Flat
Wetlands: Freshwater, Saltwater, Cranberry Bog
FEMA 100yr Floodplain; Protected Open Space; ACEC
Est. Rare Wetland Wildlife Hab; Vernal Pool: Cert., Potential
Solid Waste Landfill; PWS: Com.GW,SW, Emerg., Non-Com.


OLIVER
maps.massgis.state.ma.us/map_ol/oliver.php
OLIVER: MassGIS's Online Mapping Tool
OLIVER Updates
143 Medway Road, Milford
Medway Road
Medway
Beaver Street Extension
140
147
145
21
20 m
100 ft
Scale = 1:2,257
200,979.78m 877,432.86m
Google
Map Data
Terms of Use
Report a map error
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Basemaps
Available Data Layers
Search data layers
Tiled Layers
State Facilities
Census 1990
Census 2000
Census 2010
Coastal and Marine Features
Conservation / Recreation
Active Data Layers
Check all
Uncheck all
Remove all
NHESP Priority Habitats of Rare Species
NHESP Estimated Habitats of Rare Wildlife
Legend
NHESP Priority Habitats of Rare Species
NHESP Estimated Habitats of Rare Wildlife
Potential Vernal Pools

ATTACHMENT E
MACRIS DATABASE

Massachusetts Cultural Resource Information System

MACRIS

MACRIS Search Results

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

Inv. No.	Property Name	Street	Town	Year
MIL.61	Bragg, Mellen House	Adams St	Milford	c 1850
MIL.661		118 Adin St	Milford	c 1930
MIL.593		Baker Slip	Milford	c 1850
MIL.912	Bancroft Park	Bancroft Ave	Milford	c 1910
MIL.568		46 Bancroft Ave	Milford	c 1898
MIL.569	Miett, Dr. Norry House	48-50 Bancroft Ave	Milford	c 1916
MIL.456	Eames, Appleton P. House	25 Beach St	Milford	c 1839
MIL.457		43 Beach St	Milford	c 1851
MIL.175	Devine, Timothy House	45 Beach St	Milford	1854
MIL.473		33 Beaver St	Milford	c 1920
MIL.476	Albee, Abel House	69 Beaver St	Milford	c 1851
MIL.472	Currier, Richard House	86 Beaver St	Milford	c 1818
MIL.471		88 Beaver St	Milford	c 1871
MIL.27	Bearhill School	100 Beaver St	Milford	1859
MIL.470	Whitney, Jonathan House	102 Beaver St	Milford	c 1764
MIL.475	Whitney, Elias House	104 Beaver St	Milford	c 1851
MIL.211	Thayer, Seth Farmhouse	37 Birch St	Milford	c 1753
MIL.610	Skinner, Henry C. House	45 Bragg Slip	Milford	c 1848
MIL.659	Pine Grove Cemetery Chapel and Vault	Cedar St	Milford	
MIL.900	Irish Round Tower	Cedar St	Milford	c 1894
MIL.391	Hemphill, James House	8 Cedar St	Milford	c 1851
MIL.305	Pine Grove Cemetery Caretaker Residence	91 Cedar St	Milford	c 1871
MIL.623	Walk, R. House	115 Cedar St	Milford	c 1855
MIL.53	Hero, John House	133 Cedar St	Milford	1777
MIL.34	Deer Brook School	150 Cedar St	Milford	1837
MIL.310	Shields, Edward House	150 Cedar St	Milford	c 1915
MIL.311	Hero, John Boot Shop	150 Cedar St	Milford	c 1835

Inv. No.	Property Name	Street	Town	Year
MIL.245		2 Cemetery St	Milford	c 1860
MIL.155	Walpole, Henry House	4 Cemetery St	Milford	1858
MIL.452	Sawyer and Cushing Last Manufacturers	Central St	Milford	c 1876
MIL.469	Wallace, Timothy House	Central St	Milford	c 1871
MIL.587	Burke, John Shoe Shop	15-17 Central St	Milford	c 1871
MIL.588	Claflin and Thayer Shoe Factory	32 Central St	Milford	c 1871
MIL.589	Goldberg Block	41 Central St	Milford	c 1925
MIL.590		44 Central St	Milford	c 1860
MIL.591	Mathewson, Stephen House and Bakery	64 Central St	Milford	c 1871
MIL.592		73 Central St	Milford	c 1871
MIL.594	Claflin, Aaron Shoe Factory Building	74 Central St	Milford	c 1871
MIL.595	Claflin, Aaron Shoe Factory Building	78 Central St	Milford	c 1871
MIL.596	Claflin, Aaron Shoe Factory Building	85-87 Central St	Milford	c 1871
MIL.597	Blake, George Shoe Shop	113 Central St	Milford	c 1871
MIL.598		143 Central St	Milford	c 1898
MIL.458		228-230 Central St	Milford	c 1851
MIL.459		232 Central St	Milford	c 1851
MIL.460		233 Central St	Milford	c 1883
MIL.144	Cook, Barton Ballou House	242 Central St	Milford	1851
MIL.465	Electric Storage Battery Company	243 Central St	Milford	1898
MIL.466		271 Central St	Milford	c 1898
MIL.634	Chessman, Nathaniel House	283 Central St	Milford	1850
MIL.467	Gillman, William G. House	284 Central St	Milford	c 1876
MIL.143	Kent, Thomas House	14 Chestnut St	Milford	1860
MIL.184	Wilkinson, Charles F. House	17 Chestnut St	Milford	1888
MIL.14	Eldridge, John T. House	26 Chestnut St	Milford	1867
MIL.89	Paine, Nathan House	30 Chestnut St	Milford	1861
MIL.451	Bullard, Josiah P. House	34 Chestnut St	Milford	c 1871
MIL.173	Swasey, Fred H. House	10 Church St	Milford	1880
MIL.566	Lent, Harris H. House	13 Church St	Milford	c 1893
MIL.567	Guild, Charles E. House	17 Church St	Milford	c 1893
MIL.407	Kelley, Thomas House	6 Claflin St	Milford	c 1890
MIL.408	Harris, Bethuel Edwin House	10 Claflin St	Milford	c 1883
MIL.409	Harris, Bethuel Edwin House	12 Claflin St	Milford	c 1883
MIL.410	Claflin, Charles House	15-17 Claflin St	Milford	c 1885
MIL.411	Harris, Bethuel Edwin House	16 Claflin St	Milford	c 1871
MIL.412	Taft, Amariah House	23 Claflin St	Milford	c 1871
MIL.413	Williams, Wendell House	32 Claflin St	Milford	c 1900

Inv. No.	Property Name	Street	Town	Year
MIL.414	Curtiss, Harold M. House	33 Claflin St	Milford	c 1900
MIL.415	Wires, Ephraim L. House	34-34 1/2 Claflin St	Milford	c 1876
MIL.416	Soule, Isaac C. House	41 Claflin St	Milford	c 1871
MIL.417	Hussey, Albertus House	46 Claflin St	Milford	c 1898
MIL.418	Aldrich, Lewis House	48 Claflin St	Milford	c 1876
MIL.98	Godfrey, B. D. House	54 Claflin St	Milford	1856
MIL.97	Cook, Halsey House	55 Claflin St	Milford	1878
MIL.419	Cook, S. S. House	57 Claflin St	Milford	c 1880
MIL.39	Milford Congregational Church	Congress St	Milford	1819
MIL.166	Brewer, Rufus House	6 Congress St	Milford	1845
MIL.164	Cheney, Elthrona P. House	8 Congress St	Milford	1898
MIL.318	Claflin, Aaron House	9 Congress St	Milford	c 1851
MIL.319	Claflin, Aaron House	11-13 Congress St	Milford	c 1851
MIL.69	Johnson, George W. House	16 Congress St	Milford	1869
MIL.40	Episcopalian Society Church	17 Congress St	Milford	1871
MIL.267	Cook, Lloyd H. House	18 Congress St	Milford	1864
MIL.55	Walker, Emory House	24 Congress St	Milford	1828
MIL.212	Finnagan, Michael House	30 Congress St	Milford	c 1851
MIL.321	Sumner, Andrew J. House	31 Congress St	Milford	c 1870
MIL.320	Nichols, J. House	32 Congress St	Milford	c 1851
MIL.302	Adams, Abner House	33 Congress St	Milford	c 1851
MIL.316	Blunt, Michael House	37 Congress St	Milford	c 1871
MIL.18	Godfrey, William House	38 Congress St	Milford	1836
MIL.210	Pond, Sumner House	39 Congress St	Milford	1850
MIL.58	Godfrey, Benjamin D. - Harvey, Dr. Frank House	42 Congress St	Milford	1854
MIL.70	Field, Perley House	44 Congress St	Milford	1881
MIL.315	Davis, Isaac N. House	46 Congress St	Milford	c 1893
MIL.298	Bell, Anna House	48 Congress St	Milford	c 1880
MIL.85	Beatty, George House	50 Congress St	Milford	1859
MIL.103	Beatty, George House	52 Congress St	Milford	1860
MIL.293	Hayward, C. House	54 Congress St	Milford	c 1851
MIL.232	Thomas, Edwin House	56 Congress St	Milford	1889
MIL.158	Walker, Emery House	58 Congress St	Milford	1849
MIL.241	Bourne, William House	60 Congress St	Milford	1887
MIL.71	Taft, David House	62 Congress St	Milford	1871
MIL.329	Walker, Horace House	64 Congress St	Milford	c 1870
MIL.292	Russell, Dr. Dwight House	71 Congress St	Milford	c 1861
MIL.507	Wales, Owen O. House	72 Congress St	Milford	c 1893

Inv. No.	Property Name	Street	Town	Year
MIL.508	Eastman, Thomas G. House	74 Congress St	Milford	c 1898
MIL.509		80 Congress St	Milford	c 1900
MIL.510	McGann, Thomas House	81 Congress St	Milford	c 1898
MIL.511	Perry, Theodore M. House	83 Congress St	Milford	c 1898
MIL.512		86 Congress St	Milford	c 1920
MIL.513	Belknap, Lyman House	87 Congress St	Milford	c 1898
MIL.514		97 Congress St	Milford	c 1883
MIL.515		99 Congress St	Milford	c 1900
MIL.185	Holmes, Charles House	101 Congress St	Milford	1878
MIL.213	Gillon, Patrick House	105 Congress St	Milford	c 1880
MIL.516	Metcalf, Charles H. House	131 Congress St	Milford	c 1893
MIL.209	Fletcher, James Morse House	151 Congress St	Milford	c 1850
MIL.192	Parkhurst, Oliver B. Worker Housing	16-18 Court Sq	Milford	1835
MIL.191	Parkhurst, Oliver B. House	17-19 Court Sq	Milford	1832
MIL.662	Markham, Henry House	11 Daniels St	Milford	c 1910
MIL.663		13 Daniels St	Milford	c 1905
MIL.664	Tinney, George F. House	32 Daniels St	Milford	c 1910
MIL.665	Hixon, Robert C. House	34 Daniels St	Milford	c 1910
MIL.666	Marso, Elbert W. House	36 Daniels St	Milford	c 1910
MIL.667	Gaffney House	38 Daniels St	Milford	r 1925
MIL.668	Kasuba, Clara House	54 Daniels St	Milford	r 1925
MIL.455	Milford Battery Company	Depot St	Milford	c 1898
MIL.453	Ryan, Dennis House	16 Depot St	Milford	c 1871
MIL.454	McGuiness, Frank House	38 Depot St	Milford	c 1871
MIL.214	Gillman, W. C. Hose Company No. 4	89 Depot St	Milford	1884
MIL.107	Day, Mordicai House	Dilla St	Milford	1768
MIL.108	Chapin, Henry House	Dilla St	Milford	1837
MIL.303	Milford Water Company Pumping Station	Dilla St	Milford	1882
MIL.904	Louisa Lake	Dilla St	Milford	1892
MIL.299	Corrigan, Peter House	6 Dilla St	Milford	c 1871
MIL.112	Macuen, James House	21 Dilla St	Milford	1900
MIL.300	Louisa Lake Ice Company Worker Housing	25 Dilla St	Milford	c 1898
MIL.635	Louisa Lake Ice Company Worker Housing	33 Dilla St	Milford	c 1898
MIL.304	Claflin, Isaac House	60-62 Dilla St	Milford	c 1871
MIL.570		17 Draper Pk	Milford	c 1900
MIL.629	Dodd's Quarry Engine House	East Main St	Milford	1919
MIL.630	Dodd's Quarry Office	East Main St	Milford	1919
MIL.44	Sacred Heart of Jesus Church	5 East Main St	Milford	1927

Inv. No.	Property Name	Street	Town	Year
MIL.379	McGovern, James House	30-32 East Main St	Milford	c 1851
MIL.380		42 East Main St	Milford	c 1851
MIL.381	Patch, Israel S. House	51 East Main St	Milford	c 1851
MIL.382	Jago, Thomas House	55 East Main St	Milford	c 1851
MIL.383		56 East Main St	Milford	c 1898
MIL.384	Galassini, Luigi Variety Store	61-63 East Main St	Milford	c 1890
MIL.385		66 1/2 East Main St	Milford	c 1920
MIL.387		67 East Main St	Milford	c 1900
MIL.388	Handmore, Peter J. House	69 East Main St	Milford	c 1871
MIL.404		93 East Main St	Milford	c 1851
MIL.234	Cockran, Alex House	95 East Main St	Milford	1882
MIL.389		97 East Main St	Milford	c 1851
MIL.390	Lordi, Ambrogio Grocery Store and House	99 East Main St	Milford	1906
MIL.141	Griffin, John House	103 East Main St	Milford	1875
MIL.87	Cook, Whitman House	112 East Main St	Milford	1845
MIL.392	Godfrey, David Boot Shop	114 East Main St	Milford	c 1851
MIL.393	Mainini, Rudolph House	127 East Main St	Milford	c 1900
MIL.397		132 East Main St	Milford	c 1898
MIL.394		137 East Main St	Milford	c 1900
MIL.398	Brigani, Luigi House	141 East Main St	Milford	1900
MIL.399		143 East Main St	Milford	c 1851
MIL.400	Leonard, James L. House	190 East Main St	Milford	c 1898
MIL.47	Kingdom Hall	204 East Main St	Milford	1976
MIL.401	Norcross Granite Company Worker Housing	207 East Main St	Milford	c 1898
MIL.402	Norcross Granite Company Worker Housing	209 East Main St	Milford	c 1898
MIL.371	Norcross Brothers Granite Company Boarding House	352 East Main St	Milford	c 1885
MIL.624	Milford Pink Granite Company Worker Housing	400 East Main St	Milford	c 1915
MIL.625	Craven, T. House	422 East Main St	Milford	c 1890
MIL.626	Kimball, R. House	426 East Main St	Milford	r 1850
MIL.372	Keith, N. House	429 East Main St	Milford	r 1855
MIL.26	Braggville School	430 East Main St	Milford	1859
MIL.373	Keith, Nathan House	441 East Main St	Milford	1829
MIL.374		463 East Main St	Milford	c 1900
MIL.375	Pond, Aaron House	465 East Main St	Milford	c 1829
MIL.376	Jones, George House	467 East Main St	Milford	c 1800
MIL.378		481 East Main St	Milford	c 1900
MIL.377	Bragg, Col. Arial House	482 East Main St	Milford	c 1851

Inv. No.	Property Name	Street	Town	Year
MIL.461	Hoboken School	37 East St Extension	Milford	1858
MIL.462		38 East St Extension	Milford	c 1871
MIL.463		86 East St Extension	Milford	c 1895
MIL.464	Coyne, Patrick House	87 East St Extension	Milford	c 1880
MIL.628		10 Eben St	Milford	c 1920
MIL.10	Jones, John - Corbett, Elder Daniel House	26 Eben St	Milford	1723
MIL.68	Chapin, Joshua House	5 Elm St	Milford	1751
MIL.180	Sumner, James House	10 Elm St	Milford	1751
MIL.506	Adams, Braman B. House	11 Emmons St	Milford	c 1898
MIL.93	Milford First Methodist Church	Exchange St	Milford	1849
MIL.331	Milford Y. M. C. A. Building	Exchange St	Milford	1900
MIL.327		51-53 Exchange St	Milford	c 1900
MIL.178	Ballou, Anna House	61 Exchange St	Milford	1899
MIL.170	Newcomb, Nathaniel House	10 Fayette St	Milford	1851
MIL.422	Chandler, Fred House	29 Forest St	Milford	c 1871
MIL.423		33-39 Forest St	Milford	c 1890
MIL.99	Wood, Peleg House	36 Forest St	Milford	1856
MIL.493		1 Fountain St	Milford	c 1898
MIL.494	Blood, Lucius House	5 Fountain St	Milford	c 1871
MIL.495	Hammerquist, Carl House	7 Fountain St	Milford	c 1871
MIL.106	Barber, Calvin House	30 Franklin St	Milford	1854
MIL.152	Sheldon, Thomas House	31 Franklin St	Milford	1855
MIL.439	Claflin, Charles Shoe Factory Worker Housing	46-48 Franklin St	Milford	c 1880
MIL.440	Claflin, Charles Shoe Factory Worker Housing	52-54 Franklin St	Milford	c 1880
MIL.105	Ames, Andrew J. House	14 Fruit St	Milford	1858
MIL.425	Chapin, George House	19 Fruit St	Milford	c 1871
MIL.426	Whitney, George House	20 Fruit St	Milford	c 1871
MIL.197	Chapin, Joel House	21 Fruit St	Milford	1854
MIL.427	Colburn, George House	29 Fruit St	Milford	c 1871
MIL.428	Ide, Timothy House	31 Fruit St	Milford	c 1871
MIL.95	McGuire John House	9 Goodrich Ct	Milford	1870
MIL.496	Hayward, Elbridge House	3 Grant St	Milford	c 1871
MIL.258	Ball, Edwin House	5 Grant St	Milford	1887
MIL.45	Swedish Congregational Church	7 Grant St	Milford	1912
MIL.498	Whitney, Elias House	8 Grant St	Milford	c 1871
MIL.499	Brown, Mary House	12 Grant St	Milford	c 1895
MIL.500		16 Grant St	Milford	c 1900
MIL.501		18 Grant St	Milford	c 1900

Inv. No.	Property Name	Street	Town	Year
MIL.502		19 Grant St	Milford	c 1900
MIL.503	Manuel, John House	20 Grant St	Milford	c 1898
MIL.504		23 Grant St	Milford	c 1898
MIL.505	Gardella, John House	30 Grant St	Milford	c 1910
MIL.565		46 Green St	Milford	c 1850
MIL.450	Claflin, Charles F. House	14 Grove St	Milford	c 1883
MIL.449	Claflin, Aaron Shoe Factory Worker Housing	15-17 Grove St	Milford	c 1851
MIL.448	Colburn House	25 Grove St	Milford	c 1871
MIL.447	Cooke, George L. House	33 Grove St	Milford	c 1871
MIL.446	Avery, Orlando House	35 Grove St	Milford	c 1880
MIL.445		40 Grove St	Milford	c 1871
MIL.444		41 Grove St	Milford	c 1915
MIL.443	Albee, Edwin House	44 Grove St	Milford	c 1871
MIL.86	Nicholas, Samuel House	53 Grove St	Milford	1872
MIL.442		53 1/2 Grove St	Milford	c 1871
MIL.128	Nash, William House	55 Grove St	Milford	1869
MIL.441		63 Grove St	Milford	c 1871
MIL.56	Corbett, Dea. Daniel House	9 Haven St	Milford	1745
MIL.66	Haven House	41 Haven St	Milford	1791
MIL.207	Cheney, Joseph House	50 Haven St	Milford	1858
MIL.620	Nolan, James House	59 Highland St	Milford	c 1890
MIL.619	Bandy, William Poultry Farm	61 Highland St	Milford	c 1893
MIL.6	Torrey, Samuel House	118 Highland St	Milford	1747
MIL.915	I-495 Bridge over Haven Street	I-495	Milford	1967
MIL.604	Sheldon, Thomas J. House	21 Jefferson St	Milford	c 1851
MIL.151	Hunt, Col. Leonard House	26 Jefferson St	Milford	1851
MIL.603	Heath, Nathan House	29 Jefferson St	Milford	c 1860
MIL.602		40 Jefferson St	Milford	c 1871
MIL.601		43 Jefferson St	Milford	c 1883
MIL.600	Pond, William A. House	46 Jefferson St	Milford	c 1869
MIL.599	Carpenter, Seth P. House	48-50 Jefferson St	Milford	c 1871
MIL.313		44 Lawrence St	Milford	c 1840
MIL.312		56 Lawrence St	Milford	c 1850
MIL.429	Fales, Capt. Henry E. House	6 Leonard St	Milford	c 1871
MIL.168	Chapin, Izanna House	8 Leonard St	Milford	1867
MIL.361	Blake, George B. House	14 Lincoln St	Milford	c 1876
MIL.30	Milford Fire Station	Main St	Milford	1895
MIL.37	U. S. Post Office - Milford Branch	Main St	Milford	1911

Inv. No.	Property Name	Street	Town	Year
MIL.248	Grace Church	Main St	Milford	c 1921
MIL.364		9 Main St	Milford	c 1871
MIL.365	Kelley, Jeremiah House	19 Main St	Milford	c 1851
MIL.366		20 Main St	Milford	c 1871
MIL.367		23 Main St	Milford	c 1851
MIL.368	William Brothers Coal Sheds Office	24-26 Main St	Milford	c 1871
MIL.370	Morcone, Nove House	27 Main St	Milford	c 1876
MIL.194	Albee, Lovett House	35 Main St	Milford	1850
MIL.369	Ballou, Rev. Adin House	40 Main St	Milford	c 1829
MIL.9	Milford Town Hall	52 Main St	Milford	r 1855
MIL.660	Ted's Diner	67 Main St	Milford	r 1925
MIL.615	Hotel Manion - Milford Hotel	74 Main St	Milford	c 1871
MIL.614	Cook, Barton House	82 Main St	Milford	c 1871
MIL.202	Thom Block	83-89 Main St	Milford	1891
MIL.613		90 Main St	Milford	c 1871
MIL.612		100-102 Main St	Milford	c 1871
MIL.611		104 Main St	Milford	c 1871
MIL.606	Barker, Col. James Harrison Building	120 Main St	Milford	c 1871
MIL.605	Stacy, George E. Stationary Store and Print Shop	122 Main St	Milford	c 1851
MIL.228	Blunt Block	140 Main St	Milford	1863
MIL.227	Milford Music Hall	149 Main St	Milford	1881
MIL.226	Coolidge Block	157 Main St	Milford	c 1875
MIL.225	Hotel Willian	175 Main St	Milford	1887
MIL.328	Casey, P. Eugene Store	181 Main St	Milford	c 1925
MIL.224	Gillon Block	189 Main St	Milford	1888
MIL.222	Claflin Block	211 Main St	Milford	1909
MIL.223	Thayer Block	219 Main St	Milford	1912
MIL.552	Sweet, Stephen House	253 Main St	Milford	c 1893
MIL.553		255 Main St	Milford	c 1883
MIL.7	Chapin, Joseph House	280 Main St	Milford	1729
MIL.554		288 Main St	Milford	c 1871
MIL.555	Prouty, Dwight House	289 Main St	Milford	c 1851
MIL.172	Hayward, Samuel House	290 Main St	Milford	1845
MIL.556		293 Main St	Milford	c 1871
MIL.557		297 Main St	Milford	c 1898
MIL.558		298 Main St	Milford	c 1871
MIL.559	Chapin, Charles F. House	320 Main St	Milford	c 1871

Inv. No.	Property Name	Street	Town	Year
MIL.560	Chapin, Charles F. Store	326 Main St	Milford	c 1871
MIL.561		327 Main St	Milford	c 1851
MIL.19	Huntoon, Lafayette House	345 Main St	Milford	1850
MIL.563	Ellis, Frederick L. House	366 Main St	Milford	c 1898
MIL.564		368 Main St	Milford	c 1900
MIL.474		40 Maple St	Milford	c 1920
MIL.353	Hussey, Albertus House	6 Mechanic St	Milford	c 1898
MIL.362	Cummings, Dr. Royal House	9 Mechanic St	Milford	c 1876
MIL.346	Blake, George B. House	10 Mechanic St	Milford	c 1876
MIL.347	Carpenter, William House	12 Mechanic St	Milford	c 1880
MIL.348		13 Mechanic St	Milford	c 1871
MIL.349		15 Mechanic St	Milford	c 1893
MIL.350	Pond, Gilbert House	18 Mechanic St	Milford	c 1871
MIL.351		19 Mechanic St	Milford	c 1898
MIL.352	Prentice, Edward J. House	20 Mechanic St	Milford	c 1871
MIL.914	Medway Road Bridge	Medway Rd	Milford	1937
MIL.669		2-4 Mendon St	Milford	c 1905
MIL.217		10 North Bow St	Milford	c 1840
MIL.218	Mason, James House	16 North Bow St	Milford	c 1845
MIL.219	Cheney, Ira House	20 North Bow St	Milford	c 1830
MIL.572	Larkin, Michael House	24 North Bow St	Milford	c 1898
MIL.573	Cheney, Samuel Jones House	39 North Bow St	Milford	c 1853
MIL.574	Davis, Isaac N. House	41-43 North Bow St	Milford	c 1865
MIL.575		42 North Bow St	Milford	c 1870
MIL.576	Rounds, Alonzo C. House	51 North Bow St	Milford	c 1869
MIL.131	Bradford, Jonathan House	53 North Bow St	Milford	1855
MIL.577	Hayward, Amariah House	54 North Bow St	Milford	c 1850
MIL.579	Milford Wool Hat Body Shop - Milford Shoe Company	60 North Bow St	Milford	c 1900
MIL.631	Milford Wool Hat Body Shop	60 North Bow St	Milford	c 1900
MIL.578	Carpenter, Seth P. House	63 North Bow St	Milford	c 1860
MIL.35	Oliver Street School	28 Oliver St	Milford	1904
MIL.403		31 Oliver St	Milford	c 1900
MIL.38	Milford State Armory	Pearl St	Milford	1912
MIL.337	Jones, Luther P. House	24 Pearl St	Milford	c 1871
MIL.338		26-28 Pearl St	Milford	c 1900
MIL.136	Saint Mary's Roman Catholic Church Rectory	27 Pearl St	Milford	1866
MIL.145	Schmmel, John S. House	31 Pearl St	Milford	1855

Inv. No.	Property Name	Street	Town	Year
MIL.339	Cook, Levi A. House	32-34 Pearl St	Milford	c 1876
MIL.342	Sumner, Sullivan House	35 Pearl St	Milford	c 1851
MIL.343		36-36 1/2 Pearl St	Milford	c 1900
MIL.91	Tilden, William House	37 Pearl St	Milford	c 1871
MIL.341	Parkhurst, Nelson House	38 Pearl St	Milford	c 1851
MIL.94	Walker, William House	41 Pearl St	Milford	1849
MIL.344	Parkhurst, Paschal N. House	43 Pearl St	Milford	c 1851
MIL.67	Lesure, William House	44 Pearl St	Milford	1836
MIL.632	Lesure, William Boot Shop	44 Pearl St	Milford	1836
MIL.363	Farnum, Daniel House	45 Pearl St	Milford	c 1871
MIL.317	Barber, Calvin House	46 Pearl St	Milford	c 1851
MIL.345	Vant, Artemus B. House	63 Pearl St	Milford	c 1851
MIL.42	Pine Street Baptist Church	Pine St	Milford	1861
MIL.46	Beth Shalom Synagogue	Pine St	Milford	1913
MIL.41	Universalist Church	23 Pine St	Milford	1898
MIL.306	Vezey, William B. House	31 Pine St	Milford	c 1871
MIL.326	Seaver, E. B. Straw Shop	42 Pine St	Milford	c 1871
MIL.325	Thayer, Ziba House	48 Pine St	Milford	c 1851
MIL.297	Donnelly, John House	52-54 Pine St	Milford	c 1871
MIL.252	Page, Emery H. House	56 Pine St	Milford	1868
MIL.102	Sadler, William House	57 Pine St	Milford	1845
MIL.156	Dodge, Andrew House	60 Pine St	Milford	1848
MIL.307	Capin, D. S. House	63 Pine St	Milford	c 1871
MIL.157	Chapin, David G. House	67 Pine St	Milford	1856
MIL.309	Fisk, Eran House	69-71 Pine St	Milford	c 1871
MIL.308		72 Pine St	Milford	c 1855
MIL.671		33 Pleasant St	Milford	c 1880
MIL.913	Prospect Heights Playing Field	Prospect Heights	Milford	c 1903
MIL.916	Prospect Heights Park	Prospect Heights	Milford	1903
MIL.539	Draper Corporation Worker Housing	1-2 Prospect Heights	Milford	1903
MIL.538	Draper Corporation Worker Housing	3-6 Prospect Heights	Milford	1903
MIL.537	Draper Corporation Worker Housing	7-14 Prospect Heights	Milford	1903
MIL.637	Draper Corporation Worker Housing	15-22 Prospect Heights	Milford	1903
MIL.638	Draper Corporation Worker Housing	23-24 Prospect Heights	Milford	1903
MIL.639	Draper Corporation Worker Housing	25-32 Prospect Heights	Milford	1903
MIL.640	Draper Corporation Worker Housing	33-34 Prospect Heights	Milford	1903
MIL.534	Draper Corporation Worker Housing	35-40 Prospect Heights	Milford	1903
MIL.641	Draper Corporation Worker Housing	41-42 Prospect Heights	Milford	1903

Inv. No.	Property Name	Street	Town	Year
MIL.642	Draper Corporation Worker Housing	43-50 Prospect Heights	Milford	1903
MIL.643	Draper Corporation Worker Housing	51-52 Prospect Heights	Milford	1903
MIL.644	Draper Corporation Worker Housing	53-60 Prospect Heights	Milford	1903
MIL.645	Draper Corporation Worker Housing	59A&B Prospect Heights	Milford	1970
MIL.654	Draper Corporation Worker Housing	61-63 Prospect Heights	Milford	c 1909
MIL.646	Draper Corporation Worker Housing	62-64 Prospect Heights	Milford	c 1909
MIL.647	Draper Corporation Worker Housing	66-68 Prospect Heights	Milford	c 1909
MIL.545	Draper Corporation Worker Housing	70-72 Prospect Heights	Milford	c 1909
MIL.655	Draper Corporation Worker Housing	73-75 Prospect Heights	Milford	c 1909
MIL.648	Draper Corporation Worker Housing	74-76 Prospect Heights	Milford	c 1909
MIL.649	Draper Corporation Worker Housing	77-78 Prospect Heights	Milford	c 1909
MIL.544	Draper Corporation Worker Housing	79-80 Prospect Heights	Milford	c 1909
MIL.650	Draper Corporation Worker Housing	81-82 Prospect Heights	Milford	c 1909
MIL.651	Draper Corporation Worker Housing	83-84 Prospect Heights	Milford	c 1909
MIL.652	Draper Corporation Worker Housing	85-86 Prospect Heights	Milford	c 1909
MIL.541	Draper Corporation Worker Housing	87-88 Prospect Heights	Milford	c 1909
MIL.542	Draper Corporation Worker Housing	89-90 Prospect Heights	Milford	c 1909
MIL.543	Draper Corporation Worker Housing	91-93 Prospect Heights	Milford	c 1909
MIL.536	Draper Corporation Worker Housing	101-115 Prospect Heights	Milford	c 1913
MIL.653	Draper Corporation Worker Housing	102-116 Prospect Heights	Milford	1913
MIL.535	Marx Brothers Grocery Store	117 Prospect Heights	Milford	c 1920
MIL.82	Milford - Whitinsville Regional Hospital	Prospect St	Milford	1964
MIL.546	Cook, Robert Allen House	55 Prospect St	Milford	c 1900
MIL.636	Cook, Robert Allen Architect's Office	57 Prospect St	Milford	c 1898
MIL.547	Cook, Orrin House	59 Prospect St	Milford	c 1898
MIL.549	Draper Corporation Worker Housing	65-67 Prospect St	Milford	c 1909
MIL.548	Draper Corporation Worker Housing	69-71 Prospect St	Milford	c 1909
MIL.24	North Purchase District School	Purchase St	Milford	1832
MIL.272	Purchase Street Hose House No. 4	Purchase St	Milford	1914
MIL.477		3 Purchase St	Milford	c 1898
MIL.478		4 Purchase St	Milford	c 1871
MIL.479	Gleason, Lyman House	6 Purchase St	Milford	c 1851
MIL.480	Claflin, Rufus House	8 Purchase St	Milford	c 1851
MIL.481	Harvey, Henry House	9 Purchase St	Milford	c 1860
MIL.482	Vant, Melbourne House	10 Purchase St	Milford	c 1851
MIL.483	Scott, Clinton R. House	11 Purchase St	Milford	c 1898
MIL.484	Mann, Frank E. House	12 Purchase St	Milford	c 1898
MIL.485		13-15 Purchase St	Milford	c 1900

Inv. No.	Property Name	Street	Town	Year
MIL.486		14 Purchase St	Milford	c 1898
MIL.487		17-19 Purchase St	Milford	c 1900
MIL.488		24-26 Purchase St	Milford	c 1900
MIL.489	Cheney, Warren House	31 Purchase St	Milford	c 1869
MIL.206	Howe, George House	32 Purchase St	Milford	c 1846
MIL.490	Sherman, Scott House	34 Purchase St	Milford	c 1893
MIL.491		50 Purchase St	Milford	c 1900
MIL.20	Parkhurst, Elisha House	55 Purchase St	Milford	1810
MIL.83	Tyler, James House	60 Purchase St	Milford	1878
MIL.21	Gardner, Richard House	61 Purchase St	Milford	1733
MIL.235	Fletcher, Emmons House	62 Purchase St	Milford	1886
MIL.118	Parkhurst, Amasa House	64 Purchase St	Milford	1860
MIL.266	Walker, Frederick M. House	67 Purchase St	Milford	1899
MIL.208	Parkhurst, Silas B. House	71 Purchase St	Milford	1844
MIL.59	Tingley, Silas House	76 Purchase St	Milford	1842
MIL.255	Parkhurst, Capt. Silas House	77 Purchase St	Milford	1817
MIL.492	Hunt, Ezra House	78 Purchase St	Milford	c 1871
MIL.275	Smith, Capt. Horatio Nelson House	96 Purchase St	Milford	c 1851
MIL.274	Harris House	111 Purchase St	Milford	c 1870
MIL.256	Malmquist, Oscar House	118 Purchase St	Milford	1919
MIL.265	Draper Corporation Worker Housing	131 Purchase St	Milford	c 1925
MIL.163	Cheney, Rufus House	152 Purchase St	Milford	1829
MIL.147	Underhill, Oliver House	154 Purchase St	Milford	1838
MIL.125	Parkhurst, Ephraim House	158 Purchase St	Milford	c 1767
MIL.270	Holmes, William G. House	164 Purchase St	Milford	c 1851
MIL.264	Allen, Henry House	167 Purchase St	Milford	c 1829
MIL.65	Claflin, Lee House	179 Purchase St	Milford	1816
MIL.159	Wales, Sylvester House	180 Purchase St	Milford	1829
MIL.260	Goldsmith, Munroe House	185 Purchase St	Milford	c 1871
MIL.1	Dale, George L. House	186 Purchase St	Milford	1854
MIL.8		192 Purchase St	Milford	1886
MIL.4	Jones, Dea. Nathaniel House	198 Purchase St	Milford	1722
MIL.3	Sumner, Albert Munroe House	200 Purchase St	Milford	1849
MIL.23	Sumner, Albert M. Barn	202 Purchase St	Milford	1849
MIL.262	Sumner, Andrew Jackson House	203 Purchase St	Milford	c 1851
MIL.240	Tyler, Daniel Farm	206 Purchase St	Milford	1846
MIL.261	Sumner, Ellis Bootshop	207 Purchase St	Milford	c 1851
MIL.2	Sumner, Ellis House	209 Purchase St	Milford	1810

Inv. No.	Property Name	Street	Town	Year
MIL.25	North Purchase Grammar School	229 Purchase St	Milford	1864
MIL.263	Littlefield, Abel House	234 Purchase St	Milford	c 1829
MIL.5	Corbett, Peter House	253 Purchase St	Milford	1829
MIL.62	Cheney, Jesse House	254 Purchase St	Milford	1808
MIL.269	Haven, Willard House	265 Purchase St	Milford	c 1845
MIL.63	Bowker, Dea. Edmund House	284 Purchase St	Milford	c 1829
MIL.64	Wood, Robert House	415 Purchase St	Milford	1847
MIL.193	Stone Castle	Reade St	Milford	1890
MIL.32	Milford High School	School St	Milford	1900
MIL.36	Memorial Hall	School St	Milford	1884
MIL.280	Lincoln Square Garage	33 School St	Milford	c 1930
MIL.276	Chessman, Nathaniel House	36 School St	Milford	c 1851
MIL.281	Thomas, J. B. House	45 School St	Milford	c 1880
MIL.250	Thomas, James F. House	51 School St	Milford	1867
MIL.195	Scammell, Dr. Alexander House	52 School St	Milford	1859
MIL.154	Holbrook, Leander House	53 School St	Milford	1855
MIL.282	Sweet, George and Albert Halsey House	55 School St	Milford	1900
MIL.277	Alden, Elliot House	58 School St	Milford	1847
MIL.283		65 School St	Milford	c 1851
MIL.273	Howard, Rev. Martin Stoddard House	67 School St	Milford	c 1851
MIL.161	Claflin, Ethan House	68 School St	Milford	1866
MIL.162	Ball, Homer House	74 School St	Milford	1866
MIL.174	Ball, Francis House	76 School St	Milford	1867
MIL.286		79 School St	Milford	c 1900
MIL.279	Keene, Augustus House	80 School St	Milford	c 1890
MIL.287		81 School St	Milford	c 1890
MIL.278	Cook, Stephen House	82 School St	Milford	c 1875
MIL.288		83 School St	Milford	c 1890
MIL.167	Mowry, Daniel House	84 School St	Milford	1872
MIL.285		85 School St	Milford	c 1870
MIL.239	Prentice, Charles O. House	86 School St	Milford	1898
MIL.186	Leland, Lemuel House	93 School St	Milford	1850
MIL.111	Walker, Moses House	94 School St	Milford	1880
MIL.253	Stoddard, Marion House	96 School St	Milford	1859
MIL.395		8 Short St	Milford	c 1851
MIL.396	Chaffee, Royal House	10 Short St	Milford	c 1851
MIL.246	Sumner, Lovett House	39 Silver Hill Rd	Milford	1849
MIL.22	Newton, Azariah House	44 Silver Hill Rd	Milford	c 1747

Inv. No.	Property Name	Street	Town	Year
MIL.203	Nelson, Seth House	45 Silver Hill Rd	Milford	1794
MIL.79	Thayer, Rufus House	84 Silver Hill Rd	Milford	1807
MIL.586	Claflin, Maj. John House	22 South Bow St	Milford	c 1805
MIL.101	Chapin, Henry House	28 South Bow St	Milford	1842
MIL.585		41-43 South Bow St	Milford	c 1851
MIL.584	Mathewson, Stephen House	47 South Bow St	Milford	c 1871
MIL.149	Claflin, Aaron House	48 South Bow St	Milford	1850
MIL.583	Claflin, Aaron House	52 South Bow St	Milford	c 1830
MIL.130	Bowker, George House	54 South Bow St	Milford	1849
MIL.582	Kelley, Thomas House	55 South Bow St	Milford	c 1878
MIL.581	Gibbs, Mixter House	61 South Bow St	Milford	c 1871
MIL.580	Wilkinson, Capt. Alexander T. House	63 South Bow St	Milford	c 1848
MIL.438	South Main Street Fire Station	South Main St	Milford	1852
MIL.437	Reding, Rev. C. W. House	7 South Main St	Milford	c 1871
MIL.436		9 South Main St	Milford	c 1898
MIL.435		12 South Main St	Milford	c 1851
MIL.434		16 South Main St	Milford	c 1851
MIL.11	Johnson, Charles C. House	17 South Main St	Milford	1845
MIL.16	Withington, James House	18 South Main St	Milford	1844
MIL.127	Wood, John House	20 South Main St	Milford	1846
MIL.433	Flagg, Sullivan House	21 South Main St	Milford	c 1851
MIL.57	Sweet, George House	24 South Main St	Milford	1845
MIL.12	Cook, Lloyd H. House	29 South Main St	Milford	1843
MIL.140	Sweet, George House	29 1/2 South Main St	Milford	1843
MIL.432		35 South Main St	Milford	c 1851
MIL.431		38 South Main St	Milford	c 1851
MIL.430	Beatty, Kate House	43 South Main St	Milford	c 1851
MIL.13	Brown, George House	55 South Main St	Milford	1860
MIL.100	Richardson, William House	73 South Main St	Milford	1874
MIL.54	Hayward, Benjamin House	96 South Main St	Milford	1711
MIL.424		115 South Main St	Milford	c 1900
MIL.200	Kendall, Lyman House	119 South Main St	Milford	1848
MIL.607	Bailey, George W. House	12 Spring St	Milford	c 1871
MIL.608	Whitermore, George W. House	14 Spring St	Milford	c 1871
MIL.609		18 Spring St	Milford	c 1871
MIL.90	Stacy, George E. Junior High School	Spruce St	Milford	1916
MIL.92	Spruce Street School	Spruce St	Milford	1895
MIL.330	Milford Tool and Die Company	Spruce St	Milford	1844

Inv. No.	Property Name	Street	Town	Year
MIL.616	Rosenfeld Garage	13 Spruce St	Milford	1925
MIL.49	Salvation Army Citadel	29 Spruce St	Milford	1906
MIL.296		84-86 Spruce St	Milford	c 1871
MIL.295		88 Spruce St	Milford	c 1850
MIL.324		100 Spruce St	Milford	c 1870
MIL.323		104 Spruce St	Milford	c 1851
MIL.294		106 Spruce St	Milford	c 1871
MIL.358	Gay, Charles House	9 Sumner St	Milford	c 1871
MIL.354	Minton, Patrick House	35 Sumner St	Milford	c 1870
MIL.355	Pond, Horace P. House	42 Sumner St	Milford	c 1891
MIL.356	McNamara, Andrew House	44 Sumner St	Milford	c 1876
MIL.81	Nelson, Capt. Henry House	1 Tyler St	Milford	c 1830
MIL.289	Cheney, Chandler House	9 Walnut St	Milford	c 1860
MIL.122	Field, F. D. House	17 Walnut St	Milford	1868
MIL.290	Wilkinson, Thomas Paine House	21 Walnut St	Milford	1875
MIL.291	Wilcox, C. W. House	25 Walnut St	Milford	c 1875
MIL.268	Walker, James E. House	29 Walnut St	Milford	1878
MIL.123	Underwood, George D. House	33 Walnut St	Milford	1866
MIL.138	Staples, Hamilton House	8 Water St	Milford	1862
MIL.528		10 Water St	Milford	c 1734
MIL.529		12 Water St	Milford	c 1920
MIL.189	Barber, James House	20 Water St	Milford	1847
MIL.531	Fitzpatrick, James House	24 Water St	Milford	c 1865
MIL.530		25 Water St	Milford	c 1900
MIL.532		40 Water St	Milford	c 1869
MIL.533		54 Water St	Milford	c 1898
MIL.551	Draper Corporation Worker Housing	88-90 Water St	Milford	c 1909
MIL.656	Draper Corporation Worker Housing	92-94 Water St	Milford	c 1909
MIL.657	Draper Corporation Worker Housing	96-98 Water St	Milford	c 1909
MIL.658	Draper Corporation Worker Housing	100-102 Water St	Milford	c 1909
MIL.621		118 West Spruce St	Milford	c 1900
MIL.115	Beatty, George House	119 West Spruce St	Milford	1861
MIL.114	Beatty, George House	121 West Spruce St	Milford	1861
MIL.622	Beatty, George House	123 West Spruce St	Milford	c 1871
MIL.182	Bowker, George S. House	1 West St	Milford	1854
MIL.517		3 West St	Milford	c 1900
MIL.518	Thayer, Artemas House	7 West St	Milford	c 1851
MIL.519	Knight, Dr. Marcus House and Office	8 West St	Milford	c 1893

Inv. No.	Property Name	Street	Town	Year
MIL.520		10 West St	Milford	c 1898
MIL.60	Walker, Emory House	12 West St	Milford	1852
MIL.521		14-16 West St	Milford	c 1900
MIL.110	Cook, George C. House	18 West St	Milford	1891
MIL.254	Larkin, Patrick House	32 West St	Milford	1900
MIL.17	Daniels, Jessie House	45 West St	Milford	1831
MIL.522		63 West St	Milford	c 1900
MIL.523	Eames, Aaron House	66 West St	Milford	c 1858
MIL.524	Manion, Bryan House	68 West St	Milford	c 1900
MIL.104	Quinlan, Thomas House	78 West St	Milford	1848
MIL.525		87 West St	Milford	c 1851
MIL.116	Connors, Thomas House	91 West St	Milford	1861
MIL.205	Madden, John House	101 West St	Milford	1859
MIL.527		171 West St	Milford	c 1851
MIL.146	Green, Randall House	3 West Walnut St	Milford	1884
MIL.84	Partridge, Ely House	Whitewood Rd	Milford	1763
MIL.52	Legg, William House	29 Whitewood Rd	Milford	1833
MIL.51	Legg, Nathaniel House	38 Whitewood Rd	Milford	1771
MIL.670	Draper, George Otis House	11 Williams St	Milford	1910
MIL.33	Central Elementary School	Winter St	Milford	1895
MIL.43	Saint Mary's of the Assumption Catholic Church	Winter St	Milford	1870
MIL.359	Gillman, William Connors House	39 Winter St	Milford	c 1883
MIL.360		40 Winter St	Milford	c 1876
MIL.357	Spaulding, Hartwell B. House	44 Winter St	Milford	c 1871