

Part I: General Conditions

General Information

Name of Municipality or Organization: State:

EPA NPDES Permit Number (if applicable):

Primary MS4 Program Manager Contact Information

Name: Title:

Street Address Line 1:

Street Address Line 2:

City: State: Zip Code:

Email: Phone Number:

Fax Number:

Other Information

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed):

Eligibility Determination

Endangered Species Act (ESA) Determination Complete? Eligibility Criteria (check all that apply): ☐ A ☐ B ☒ C

National Historic Preservation Act (NHPA) Determination Complete? Eligibility Criteria (check all that apply): ☐ A ☐ B ☒ C

☒ Check the box if your municipality or organization was covered under the 2003 MS4 General Permit

MS4 Infrastructure (if covered under the 2003 permit)

Estimated Percent of Outfall Map Complete? If 100% of 2003 requirements not met, enter an estimated date of completion (MM/DD/YY):

Web address where MS4 map is published:
 If outfall map is unavailable on the internet an electronic or paper copy of the outfall map must be included with NOI submission (see section V for submission options) And See attached

Regulatory Authorities (if covered under the 2003 permit)

Illicit Discharge Detection and Elimination (IDDE) Authority Adopted? <i>(Part II, III, IV or V, Subpart B.3.(b.) of 2003 permit)</i>	Yes	Effective Date or Estimated Date of Adoption (MM/DD/YY): 10/15/07
Construction/Erosion and Sediment Control (ESC) Authority Adopted? <i>(Part II,III,IV or V, Subpart B.4.(a.) of 2003 permit)</i>	Yes	Effective Date or Estimated Date of Adoption (MM/DD/YY): 10/15/07
Post- Construction Stormwater Management Adopted? <i>(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)</i>	Yes	Effective Date or Estimated Date of Adoption (MM/DD/YY): 10/15/07

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part II: Summary of Receiving Waters

Please list the waterbody segments to which your MS4 discharges. For each waterbody segment, please report the number of outfalls discharging into it and, if applicable, any impairments.

Massachusetts list of impaired waters: *Massachusetts 2014 List of Impaired Waters*- <http://www.mass.gov/eea/docs/dep/water/resources/07v5/14list2.pdf>

Check off relevant pollutants for discharges to impaired waterbodies (see above 303(d) lists) without an approved TMDL in accordance with part 2.2.2.a of the permit. List any other pollutants in the last column, if applicable.

Waterbody segment that receives flow from the MS4	Number of outfalls into receiving water segment	Chloride	Chlorophyll-a	Dissolved Oxygen/ DO Saturation	Nitrogen	Oil & Grease/ PAH	Phosphorus	Solids/ TSS/ Turbidity	E. coli	Enterococcus	Other pollutant(s) causing impairments
Nashua River, South Branch; AU: MA81-09,8143500		☐	☐	☐	☐	☐	☒	☐	☒	☐	
Nashua River, North; AU: MA81-04, 8153500		☐	☐	☐	☐	☐	☐	☐	☒	☐	
Nashua River, AU: MA81-05, 8153500		☐	☐	☐	☐	☐	☒	☐	☒	☐	
Fort Pond; AU: MA81046, 81046	1	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Spectacle Pond, AU: MA81132, 81132		☐	☐	☐	☐	☐	☐	☐	☐	☐	
White Pond; AU: MA81155		☐	☐	☐	☐	☐	☐	☐	☐	☐	
South Meadow Pond; AU: MA81165		☐	☐	☐	☐	☐	☐	☐	☐	☐	
Still River; AU: MA81-60, 8144625		☐	☐	☐	☐	☐	☐	☐	☒	☐	
South Meadow Brook; 8145125		☐	☐	☐	☐	☐	☐	☐	☐	☐	
Goodridge Brook; 8145100		☐	☐	☐	☐	☐	☐	☐	☐	☐	
Spectacle Brook; 8144700		☐	☐	☐	☐	☐	☐	☐	☐	☐	
Ponakin Brook; 8144700	2	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Bartlett Pond; AU: MA81008		☐	☐	☐	☐	☐	☐	☐	☒	☐	
Unnamed Tributary; AU MA81-61		☐	☐	☐	☐	☐	☐	☐	☒	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	

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Part III: Stormwater Management Program Summary

Identify the Best Management Practices (BMPs) that will be employed to address each of the six Minimum Control Measures (MCMs). For municipalities/organizations whose MS4 discharges into a receiving water with an approved Total Maximum Daily Load (TMDL) and an applicable waste load allocation (WLA), identify any additional BMPs employed to specifically support the achievement of the WLA in the TMDL section at the end of part III.

For each MCM, list each existing or proposed BMP by category and provide a brief description, responsible parties/departments, measurable goals, and the year the BMP will be employed (public education and outreach BMPs also requires a target audience). **Use the drop-down menus in each table or enter your own text to override the drop down menu.**

MCM 1: Public Education and Outreach

BMP Media/Category (enter your own text to override the drop down menu)	BMP Description	Targeted Audience	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal	Beginning Year of BMP Implementation
Media campaign for residents and businesses	Brochures, pamphlets, press releases, public service announcements	Residents and businesses	Planning Director, Town Administrator	Complete within 2 years of effective date of permit. Create 100 pamphlets to be distributed at the Planning Office and DPW	2020
School Curricula/Programs	Annual tour and information meet & greet of Town Office by the Local School	middle school to highschool	Planning Director, Conservation Agent	Completed Annually, as a part of the local school's curriculum. An opportunity to educate school-aged children of the processes and impacts of local development.	2019
Stormwater Summit for community at large	Half-day Stormwater Summit	Residents, businesses, developers	Planning Director, Conservation Agent, DPW	Complete within 2 years of effective date of permit	2021
LID Guidebook for developers	LID Guidebook	Developers	Planning Director, Conservation Agent, Montachusett Regional Plann	Complete within 3 years of effective date of permit. Will be posted to the website and hard copy print by demand only.	2020

[illegible]

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Part III: Stormwater Management Program Summary (continued)

MCM 2: Public Involvement and Participation

[illegible]

[illegible]

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

MCM 3: Illicit Discharge Detection and Elimination (IDDE)

BMP Categorization (enter your own text to override the drop down menu)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP Implementation
SSO inventory -- N/A; no CSO's or SSO's exist in Lancaster	N/A	DPW Operations		
Storm sewer system map -- see storm drain and catch basin map and LSDC sewer map on the web site	Create map and update during IDDE program completion	DPW, Lancaster Sewer District Commission	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit	2019
Written IDDE program	Create written IDDE program	DPW	Complete within 1 year of the effective date of permit and update as required	2019
Implement IDDE program	Implement catchment investigations according to program and permit conditions	DPW	Complete 10 years after effective date of permit	2020
Employee training	Train employees on IDDE implementation	DPW	Train annually	2019
Conduct dry weather screening -- use MR MAPPER tool	Conduct in accordance with outfall screening procedure and permit conditions	DPW	Complete 3 years after effective date of permit	2019
Conduct wet weather screening -- use MR MAPPER tool	Conduct in accordance with outfall screening procedure	DPW	Complete 10 years after effective date of permit	2019
Ongoing screening -- as necessary	Conduct dry weather and wet weather screening (as necessary)	DPW	Complete ongoing outfall screening upon completion of IDDE program	2019

[illegible]

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary *(continued)*

MCM 4: Construction Site Stormwater Runoff Control

BMP Categorization (enter your own text to override the drop down menu or entered text)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP Implementation
Site inspection and enforcement of Erosion and Sediment Control (ESC) measures -- see Stormwater Management bylaw and regulations	Complete written procedures of site inspections and enforcement procedures	Planning Board	Complete within 1 year of the effective date of permit	2018
Site plan review -- see Zoning bylaw	Complete written procedures of site plan review and begin implementation	Planning Board	Complete within 1 year of the effective date of permit	2018
Erosion and Sediment Control -- see Stormwater Management bylaw and regulations	Adoption of requirements for construction operators to implement a sediment and erosion control program	Planning Board	Complete within 1 year of the effective date of permit	2018
Waste Control -- see Stormwater Management bylaw and regulations	Adoption of requirements to control wastes, including but not limited to, discarded building materials, concrete truck wash out, chemicals, litter, and sanitary wastes	Planning Board	Complete within 1 year of the effective date of permit	2018

[illegible]

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Part III: Stormwater Management Program Summary (continued)

MCM 5: Post-Construction Stormwater Management in New Development and Redevelopment

BMP Categorization (enter your own text to override the drop down menu or entered text)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP Implementation
As-built plans for on-site stormwater control -- see Stormwater Management bylaw and regulations	The procedures to require submission of as-built drawings and ensure long term operation and maintenance will be a part of the SWMP	Planning Board	Require submission of as-built plans for completed projects	2018
Target properties to reduce impervious areas -- create inventory and priority ranking of MS4-owned (town-owned) properties that may be retrofitted with BMPs, optimized for phosphorus removal and infiltration	Identify at least 5 permittee-owned properties that could be modified or retrofitted with BMPs to reduce impervious areas and update annually	Planning Director, Conservation Agent, Town Administrator	Complete 4 years after effective date of permit and report annually on retrofitted properties	2019
Allow green infrastructure -- see LID Guidebook	Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist	Planning Director, Conservation Agent, Montachusett Regional Planning Commis	Complete 4 years after effective date of permit and implement recommendations of report	2020
Street design and parking lot guidelines -- see LID Guidebook	Develop a report assessing requirements that affect the creation of impervious cover. The assessment will help determine if changes to design standards for streets and parking lots can be modified to support low impact design options.	Planning Director, Conservation Agent, Montachusett Regional Planning Commis	Complete 4 years after effective date of permit and implement recommendations of report	2020

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Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

MCM 6: Municipal Good Housekeeping and Pollution Prevention

BMP Categorization (enter your own text to override the drop down menu or entered text)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP Implementation
O&M procedures -- develop cleaning schedule	Create written O&M procedures including all requirements contained in 2.3.7.a.ii for parks and open spaces, buildings and facilities, and vehicles and equipment	DPW	Complete and implement 2 years after effective date of permit	2019
Inventory all permittee-owned (town-owned) parks and open spaces, buildings and facilities (including storm drains), and vehicles and equipment -- create inventory	Create inventory	Planning Director, Town Administrator, DPW	Complete 2 years after effective date of permit and implement annually	2019
Infrastructure O&M -- create Stormwater Capital Improvement Plan	Establish and implement program for repair and rehabilitation of MS4 (town-owned) infrastructure	Town Administrator, DPW	Complete 2 years after effective date of permit	2020
Stormwater Pollution Prevention Plan (SWPPP) -- for DPW Highway building and Recycling Center	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	DPW	Complete and implement 2 years after effective date of permit	2020
Catch basin cleaning -- perform annual cleaning	Establish schedule for catch basin cleaning such that each catch basin is no more than 50% full and clean catch basins on that schedule	DPW	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material moved annually	2018
Street sweeping program -- perform bi-annual cleaning	Sweep all streets and permittee-owned parking lots in accordance with permit conditions	DPW	Sweep all streets and permittee-owned parking lots once per year in the spring	2018
Road salt use optimization program -- create program	Establish and implement a program to minimize the use of road salt	DPW	Implement salt use optimization during deicing season	2019

[illegible]

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

Actions for Meeting Total Maximum Daily Load (TMDL) Requirements

Use the drop-down menus to select the applicable TMDL, action description to meet the TMDL requirements, and the responsible department/parties. If no options are applicable, or more than one, **enter your own text to override drop-down menus.**

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Part III: Stormwater Management Program Summary (continued)

Use the drop-down menus to select the pollutant causing the water quality limitation and enter the waterbody ID(s) experiencing excursions above water quality standards for that pollutant. Choose the action description from the dropdown menu and indicate the responsible party. If no options are applicable, or more than one, **enter your own text to override drop-down menus.**

[illegible]

Part IV: Notes and additional information

Use the space below to indicate the part(s) of 2.2.1 and 2.2.2 that you have identified as not applicable to your MS4 because you do not discharge to the impaired water body or a tributary to an impaired water body due to nitrogen or phosphorus. Provide all supporting documentation below or attach additional documents if necessary. Also, provide any additional information about your MS4 program below.

Not applicable to Lancaster.

The letters from the Fish and Wildlife Service and MA Historical Commission are attached.

Part V: 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 am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name:

Orlando Pacheco

Title:

Town Administrator

Signature:

Date:

[To be signed according to Appendix B, Subparagraph B.11, Standard Conditions]

Note: When prompted during signing, save the document under a new file name

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Part V: 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 am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

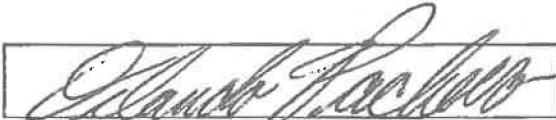
Name:

Orlando Pacheco

Title:

Town Administrator

Signature:



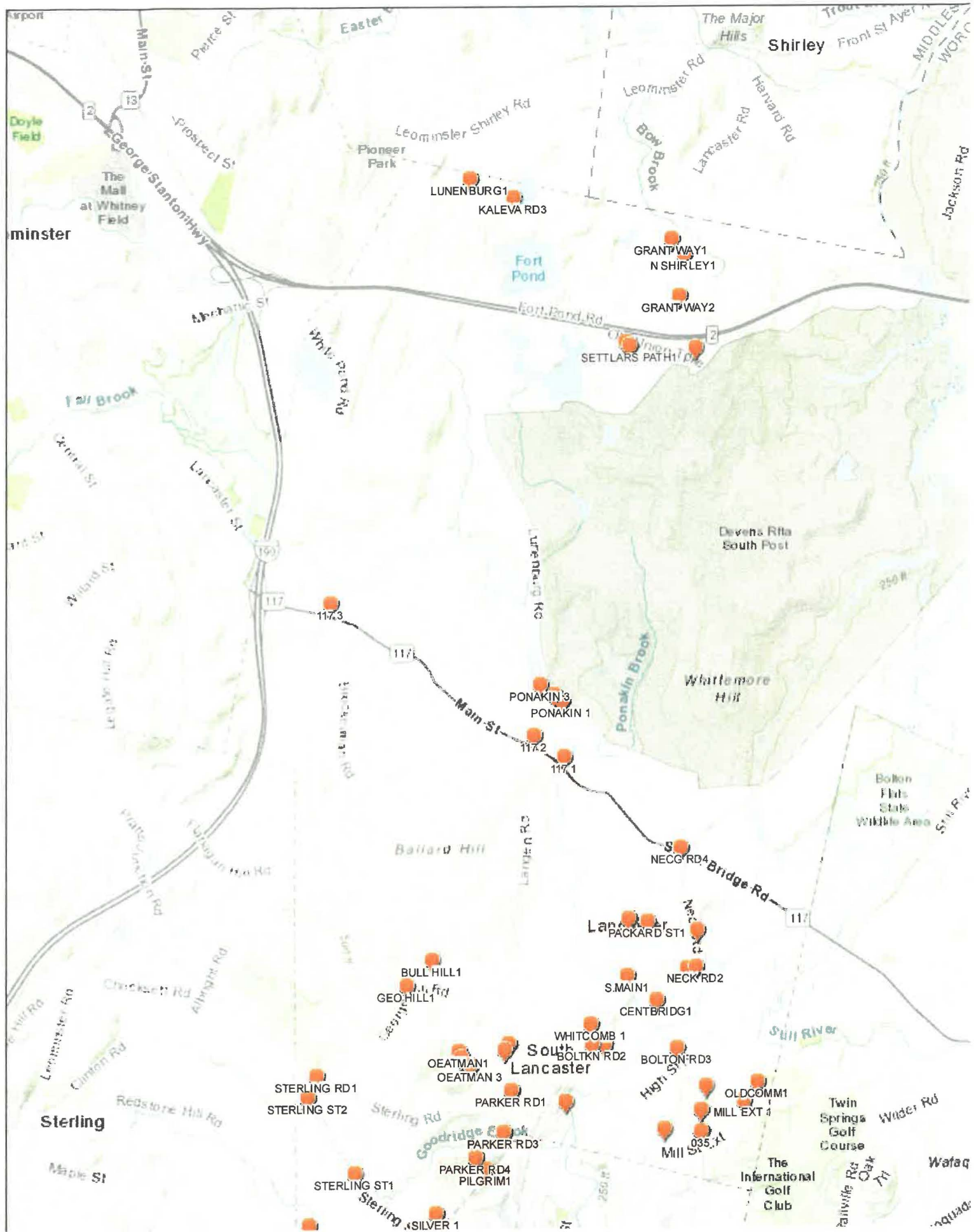
[To be signed according to Appendix B, Subparagraph B.11, Standard Conditions]

Date:

8/6/18

Note: When prompted during signing, save the document under a new file name

Lancaster, MA Stormwater Outfall M



lat	lon	ns1:ele	ns1:time2	ns1:name	ns1:sym
42.457099	-71.673658	-8.016797	2017-11-01T16:56:00Z	KALEVA RD1	Flag, Blue
42.457099	-71.673658	-9.158279	2017-11-01T16:59:44Z	KALEVA RD2	Flag, Blue
42.457099	-71.673658	-3.123222	2017-11-01T17:03:26Z	BRIAN RD1	Flag, Blue
42.529199	-71.689285	112.334175	2017-11-01T17:06:33Z	KALEVA RD3	Flag, Blue
42.531076	-71.69502	106.694962	2017-11-01T17:10:18Z	LUNENBURG1	Flag, Blue
42.523457	-71.66603	116.216675	2017-11-01T17:16:35Z	N SHIRLEY1	Flag, Blue
42.525003	-71.667775	126.063881	2017-11-01T17:39:00Z	GRANT WAY1	Flag, Blue
42.519332	-71.666696	134.694672	2017-11-01T17:42:14Z	GRANT WAY2	Flag, Blue
42.514071	-71.664432	127.881874	2017-11-01T17:47:38Z	N SHIRLEY2	Flag, Blue
42.514682	-71.674028	135.147537	2017-11-01T17:52:09Z	STAGECOACH1	Flag, Blue
42.514326	-71.673372	74.983742	2017-12-06T14:38:18Z	OLD COUNTY1	Flag, Blue
42.514326	-71.673372	121.422508	2017-12-19T16:15:27Z	SETTLARS PATH1	Flag, Blue
42.436025	-71.668801	84.916458	2017-12-19T16:18:43Z	FARNS WORTH1	Flag, Blue
42.41924	-71.713962	126.818123	2017-12-19T17:36:20Z	BECH POINT1	Flag, Blue
42.416368	-71.712734	115.049797	2017-12-19T17:38:25Z	BEACH POINT2	Flag, Blue
42.426463	-71.716975	120.109177	2017-12-19T17:41:48Z	CHACE HILL1	Flag, Blue
42.420086	-71.715693	112.392479	2017-12-19T17:44:56Z	RUN BROOK1	Flag, Blue
42.419013	-71.715679	111.30085	2017-12-19T17:46:19Z	RUN BROOK2	Flag, Blue
42.431716	-71.710794	122.691162	2017-12-19T17:51:48Z	STERLING ST1	Flag, Blue
42.439299	-71.717063	131.83342	2017-12-19T17:55:27Z	STERLING ST2	Flag, Blue
42.441458	-71.715951	136.865524	2017-12-19T17:57:57Z	STERLING RD1	Flag, Blue
42.473345	-71.682382	87.084244	2017-12-19T18:07:04Z	117 1	Flag, Blue
42.478867	-71.682769	89.148766	2017-12-19T18:09:17Z	PONAKIN 1	Flag, Blue
42.479525	-71.683762	91.543945	2017-12-19T18:10:27Z	PONAKIN 2	Flag, Blue
42.480485	-71.685619	95.199516	2017-12-19T18:11:49Z	PONAKIN 3	Flag, Blue
42.475452	-71.686573	108.530426	2017-12-19T18:14:36Z	117 2	Flag, Blue
42.488709	-71.713997	89.739037	2017-12-19T18:19:27Z	117 3	Flag, Blue
42.452177	-71.665649	105.581802	2017-10-24T13:14:17Z	NECK RD1	Flag, Blue
42.452282	-71.664517	81.252228	2017-10-24T13:16:09Z	NECK RD2	Flag, Blue
42.455901	-71.664341	89.240921	2017-10-24T13:59:09Z	NECK RD3	Flag, Blue
42.464212	-71.666618	95.700813	2017-10-24T14:02:20Z	NECG RD4	Flag, Blue
42.45677	-71.671045	93.816849	2017-10-24T14:07:19Z	PACKARD ST1	Flag, Blue
42.435737	-71.663843	79.879784	2017-10-23T12:47:03Z	034	Flag, Blue
42.435725	-71.663777	81.871201	2017-10-23T12:50:40Z	035	Flag, Blue
42.437903	-71.663821	77.448303	2017-10-23T12:58:52Z	BOLTONSTA1	Flag, Blue
42.440352	-71.663176	70.750801	2017-10-23T13:01:25Z	BOLTONSTA2	Flag, Blue
42.440705	-71.656071	80.290298	2017-10-23T13:03:37Z	OLDCOMM1	Flag, Blue
42.448897	-71.669846	71.301643	2017-10-23T13:56:11Z	CENTBRIDG1	Flag, Blue
42.444465	-71.676878	72.695801	2017-10-23T13:59:02Z	BOLTON RD1	Flag, Blue
42.444485	-71.678671	75.116936	2017-10-23T14:00:30Z	BOLTKN RD2	Flag, Blue
42.450494	-71.703713	130.277542	2017-10-23T14:19:18Z	GEO HILL1	Flag, Blue
42.453018	-71.70024	132.435699	2017-10-23T14:51:31Z	BULL HILL1	Flag, Blue
42.444634	-71.689922	91.249817	2017-10-23T14:56:27Z	PRESCOTT 1	Flag, Blue
42.443972	-71.69045	91.673912	2017-10-23T14:58:40Z	NARROW1	Flag, Blue
42.44383	-71.696674	105.337799	2017-10-23T15:01:20Z	OEATMAN1	Flag, Blue
42.443266	-71.696213	100.297508	2017-10-23T15:03:47Z	OEATMAN 2	Flag, Blue

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