

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)

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):
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):
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):

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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.

[illegible]

MA73-01 (Boston Harbor: Neponset, Neponset River)	2	☐	☐	☒	☐	☐	☒	☒	☐	☐	DDT Escherichia coli Excess Algal Growth Other Oxygen, Dissolved PCB in Fish Tissue Phosphorus (Total) Sedimentation/Siltation Total Suspended Solids (TSS) Turbidity
MA73-06 (Boston Harbor: Neponset, School Meadow Brook)	6	☐	☐	☐	☐	☐	☐	☐	☐	☐	Fecal Coliform
MA73-17 (Boston Harbor: Neponset, Traphole Brook)	3	☐	☐	☐	☐	☐	☐	☐	☐	☐	Fecal Coliform
MA73-19 (Boston Harbor: Neponset, Beaver Brook)	24	☐	☐	☐	☐	☐	☐	☐	☐	☐	Aquatic Macroinvertebrate Bioassessments Oxygen, Dissolved
MA73-21 (Boston Harbor: Neponset, Massapoag Brook)	21	☐	☐	☐	☐	☐	☒	☒	☐	☐	Aquatic Macroinvertebrate Bioassessments Non-Native Aquatic Plants Phosphorus (Total) Turbidity
MA73-31 (Boston Harbor: Neponset, Unnamed Tributary)	7	☐	☐	☐	☐	☐	☐	☐	☐	☐	Fecal Coliform
MA73008 (Boston Harbor: Neponset, Clark Pond)	4	☐	☐	☐	☐	☐	☐	☐	☐	☐	Non-Native Aquatic Plants
MA73030 (Boston Harbor: Neponset, Massapoag Lake)	50	☐	☐	☐	☐	☐	☐	☐	☐	☐	Mercury in Fish Tissue Non-Native Aquatic Plants
MA73056 (Boston Harbor: Neponset, Town Pond)	12	☐	☐	☐	☐	☐	☐	☐	☐	☐	Non-Native Aquatic Plants
MA73065 (Boston Harbor: Neponset, Billings Street/East Street Pond)	18	☐	☐	☐	☐	☐	☐	☐	☐	☐	Non-Native Aquatic Plants

[Click to lengthen table](#)

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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
Outreach Message	Mailing, website, event, school program, press coverage and/or other means	Residents	Department of Public Works - Engineering Division	Raise awareness and modify behaviors to reduce pollutant loading	FY'22
Outreach Message	Mailing, website, event, school program, press coverage and/or other means	Businesses, Institutions and Commercial Facilities	Department of Public Works - Engineering Division	Raise awareness and modify behaviors to reduce pollutant loading	FY'22
Outreach Message	Mailing, website, event, school program, press coverage and/or other means	Developers (construction)	Department of Public Works - Engineering Division	Raise awareness and modify behaviors to reduce pollutant loading	FY'22
Outreach Message	Mailing, website, event, school program, press coverage and/or other means	Industrial Facilities	Department of Public Works - Engineering Division	Raise awareness and modify behaviors to reduce pollutant loading	FY'22
Outreach Message	Mailing, website, event, school program, press coverage and/or other means	Residents	Department of Public Works - Engineering Division	Raise awareness and modify behaviors to reduce pollutant loading	FY'23

[illegible]

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Part III: Stormwater Management Program Summary (continued)

MCM 2: Public Involvement and Participation

[illegible]

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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	Develop SSO inventory in accordance of permit conditions	Department of Public Works - Engineering Division	Complete within 1 year of effective date of permit	FY'19
Storm sewer system map	Create map and update during IDDE program completion	Department of Public Works - Engineering Division	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit	FY'20
Written IDDE program	Create written IDDE program	Department of Public Works - Engineering Division	Complete within 1 year of the effective date of permit and update as required	FY'19
Implement IDDE program	Implement catchment investigations according to program and permit conditions	Department of Public Works - Engineering Division	Complete 7 to 10 years after effective date of permit. Begin problem catchments within 2 years.	FY'20
Employee training	Train employees on IDDE implementation	Department of Public Works - Engineering Division	Train annually	FY'19
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	Department of Public Works - Engineering Division	Complete 3 years after effective date of permit	FY'21
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	Department of Public Works - Engineering Division	Complete 7 to 10 years after effective date of permit	FY'22
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	Department of Public Works - Engineering Division	Complete ongoing outfall screening every five years upon completion of IDDE program	FY'30

[illegible]

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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	Complete written procedures of site inspections and enforcement procedures	Department of Public Works - Engineering Division	Complete within 1 year of the effective date of permit	FY'19
Site plan review	Complete written procedures of site plan review and begin implementation	Department of Public Works - Engineering Division	Complete within 1 year of the effective date of permit	FY'19
Erosion and Sediment Control	Adoption of requirements for construction operators to implement a sediment and erosion control program	Department of Public Works - Engineering Division	Complete within 1 year of the effective date of permit	FY'19
Waste Control	Adoption of requirements to control wastes, including but not limited to, discarded building materials, concrete truck wash out, chemicals, litter, and sanitary wastes	Department of Public Works - Engineering Division	Complete within 1 year of the effective date of permit	FY'19

[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	The procedures to require submission of as-built drawings and ensure long term operation and maintenance will be a part of the SWMP	Department of Public Works - Engineering Division	Require submission of as-built plans for completed projects	FY'20
Target properties to reduce impervious areas	Identify at least 5 permittee-owned properties that could be modified or retrofitted with BMPs to reduce impervious areas and update annually	Neponset Stormwater Partnership	Complete 4 years after effective date of permit and report annually on retrofitted properties	FY'22
Allow green infrastructure	Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist	Neponset Stormwater Partnership	Complete 4 years after effective date of permit and implement recommendations of report	FY'22
Street design and parking lot guidelines	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.	Neponset Stormwater Partnership	Complete 4 years after effective date of permit and implement recommendations of report	FY'22

[illegible]

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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	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	Department of Public Works - Engineering Division	Complete and implement 2 years after effective date of permit	FY'20
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	Department of Public Works - Engineering Division	Complete 2 years after effective date of permit and implement annually	FY'20
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	Department of Public Works - Engineering Division	Complete 2 years after effective date of permit	FY'20
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	Department of Public Works - Engineering Division	Complete and implement 2 years after effective date of permit	FY'20
Catch basin 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	Department of Public Works - Engineering Division	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material moved annually	FY'19
Street sweeping program	Sweep all streets and permittee-owned parking lots in accordance with permit conditions	Department of Public Works - Engineering Division	Sweep all streets and permittee-owned parking lots once per year in the spring	FY'19
Road salt use optimization program	Establish and implement a program to minimize the use of road salt	Department of Public Works - Engineering Division	Implement salt use optimization during deicing season	FY'19

[illegible]

Part III: Stormwater Management Program Summary (continued)

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.**

[illegible]

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.

- 1) Where a "beginning year" is requested, we have listed the applicable fiscal year. Fiscal years run from July 1 to June 30 and correspond to permit years (i.e. permit year 1 is FY'19)
- 2) Part II Summary of Receiving Waters: A number of waterways into which we discharge do not have a defined MassDEP waterbody segment as indicated in the MassGIS datalayer. In these cases, outfalls have been attributed to the first segment downstream.
- 3) For purposes of Part II: Summary of Receiving waters, we have listed all our outfalls, without attempting to differentiate which ones discharge to Waters of the US. As we complete our new round of IDDE work, we will determine which if any outfalls do not discharge to Waters of the US.

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:

Peter O'Cain

Title:

Town Engineer

Signature:

Peter O'cain

Digitally signed by: Peter O'cain
DN: CN = Peter O'cain email = pocain@townofsharon.
org C = US O = Town of Sharon OU = DPW
Date: 2018.09.19 14:27:50 -05'00'

Date:

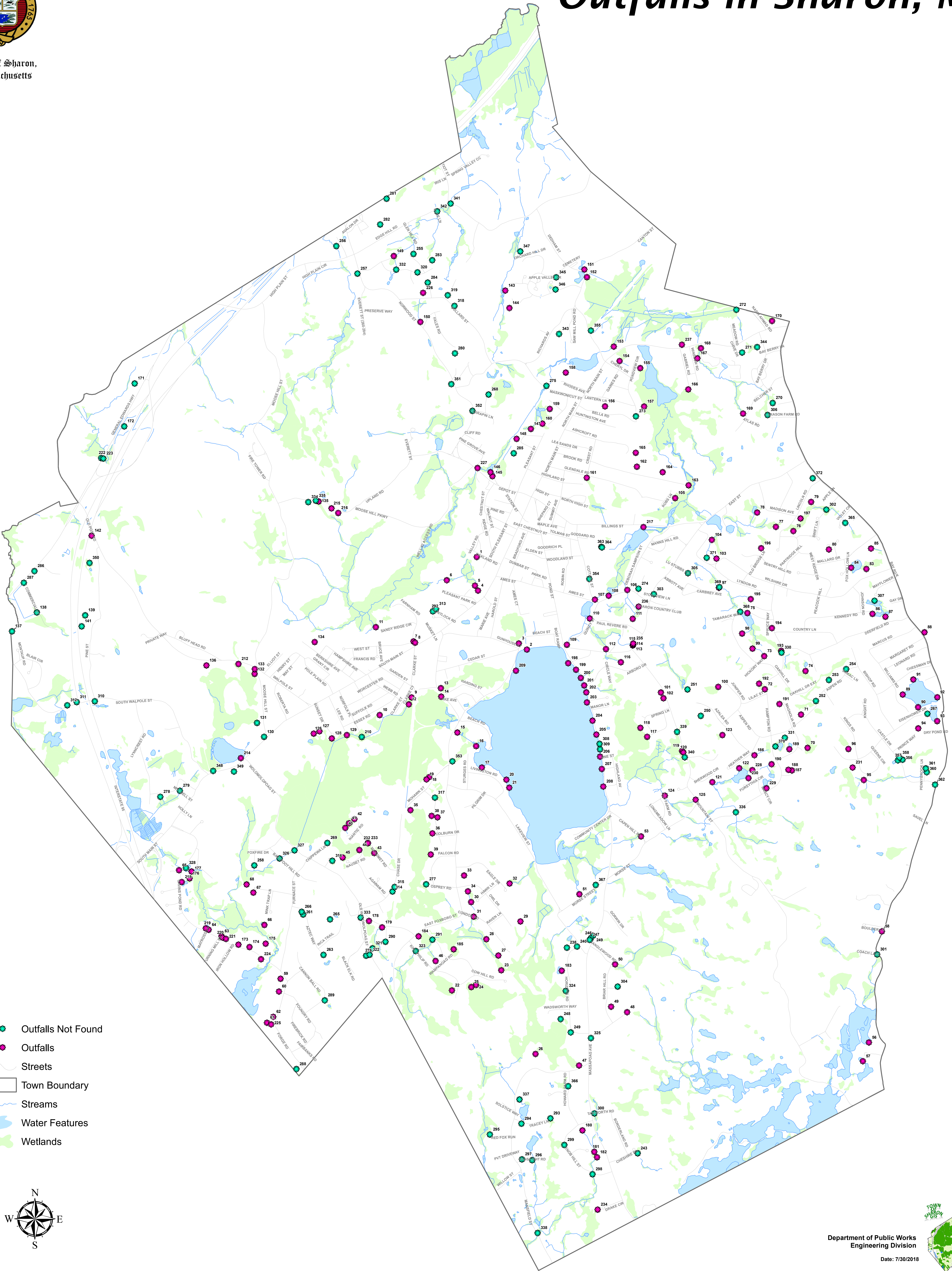
[To be signed according to Appendix B, Subparagraph B.11, Standard Conditions]

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



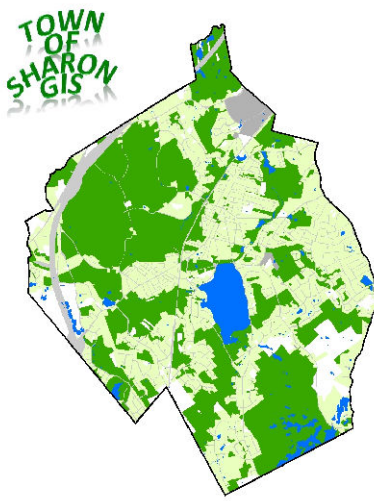
Town of Sharon,
Massachusetts

Outfalls in Sharon, MA



Department of Public Works
Engineering Division

Date: 7/30/2018



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Outreach Message	Mailing, website, event, school program, press coverage and/or other means	Businesses, Institutions and Commercial Facilities	Department of Public Works- Engineering Division	Raise awareness and modify behaviors to reduce pollutant loading	FY'20
Outreach Message	Mailing, website, event, school program, press coverage and/or other means	Developers(construction)	Department of Public Works- Engineering Division	Raise awareness and modify behaviors to reduce pollutant loading	FY'20
Outreach Message	Mailing, website, event, school program, press coverage and/or other means	Industrial Facilities	Department of Public Works- Engineering Division	Raise awareness and modify behaviors to reduce pollutant loading	FY'20
Outreach Message	Mailing, website, event, school program, press coverage and/or other means	Residents	Department of Public Works- Engineering Division	Raise awareness and modify behaviors to reduce pollutant loading	FY'20

[illegible]

Part IV: Notes and additional information

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- 1) Where a "beginning year" is requested, we have listed the applicable fiscal year. Fiscal years run from July 1 to June 30 and correspond to permit years (i.e. permit year 1 is FY'19)
- 2) Part II Summary of Receiving Waters: A number of waterways into which we discharge do not have a defined Mass DEP waterbody segment as indicated in the Mass GIS data layer. In these cases, outfalls have been attributed to the first segment downstream.
- 3) For purposes of Part II: Summary of Receiving waters, we have listed all our outfalls, without attempting to differentiate which ones discharge to Waters of the US. As we complete our new round of IDDE work, we will determine which if any outfalls do not discharge to Waters of the US.
- 4) There are no planned discharge activities that will adversely affect the endangered species present.