

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

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):
(Part II, III, IV or V, Subpart B.3.(a.) of 2003

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?	<input type="text" value="No"/>	Effective Date or Estimated Date of Adoption (MM/DD/YY):	<input type="text" value="10/10/18"/>
Construction/Erosion and Sediment Control (ESC) Authority Adopted?	<input type="text" value="No"/>	Effective Date or Estimated Date of Adoption (MM/DD/YY):	<input type="text" value="10/10/18"/>
Post- Construction Stormwater Management Adopted? <i>(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)</i>	<input type="text" value="No"/>	Effective Date or Estimated Date of Adoption (MM/DD/YY):	<input type="text" value="10/10/18"/>

Hurd Brook	19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
MA72-25 Rosemary Brook	27	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fecal coliform
Waterbody that receives flow from the MS4 and segment ID if applicable	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	
Tributary to Rosemary Brook: Unnamed Brook (Rolling Ln)	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Rosemary Lake	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Tributary to Rosemary Lake: Unnamed Brook (Lake Dr)	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Tributary to Rosemary Lake: Unnamed Brook (Mallard Rd)	18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Isolated Wetland (Blacksmith Drive)	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Isolated Wetland (Colonial Road)	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Isolated Wetland (Bancroft Street)	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Tributary to MA72055 Cutler Lake: Unnamed Brook (Cheney Street)	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Unnamed Brook (First Avenue)	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Tributary to Unnamed Pond (Lehigh Road)	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Unnamed Brook (Chestnut Street)	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Tributary to MA 72-06 Charles River: Unnamed Brook (Charles River Street)	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Tributary to MA 72-06 Charles River: Unnamed Brook (Whitman Road)	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Tributary to MA 72-06 Charles River: Unnamed Brook (South Street)	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Unnamed Pond (South Street)	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Tributary to MA 72-07 Charles River: Unnamed Brook (Southwood Lane)	7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Isolated Wetland (Gatewood Drive)	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Isolated Wetland (Maple Place)	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Waterbody that receives flow from the MS4 and segment ID if applicable	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	

Unnamed Brook (Sylvan Road)	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Unnamed Brook (Wildwood Drive)	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Unnamed Pond (Wildwood Drive)	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Unnamed Pond (Broad Meadow Road)	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
MA72055 Cutler Lake	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Click to lengthen table

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

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
Brochures/Pamphlets	Mailing, website, event, phone contact, site visit, and/or other means	Residents	DPW	See Note 4	2019
Brochures/Pamphlets	Mailing, website, event, phone contact, site visit, and/or other means	Businesses, Institutions and Commercial Facilities	DPW	See Note 4	2019
Brochures/Pamphlets	Mailing, website, event, phone contact, site visit, and/or other means	Developers (construction)	DPW	See Note 4	2020
Brochures/Pamphlets	Mailing, website, event, phone contact, site visit, and/or other means	Industrial Facilities	DPW	See Note 4	2020
Newspaper Articles/Press Releases	Mailing, website, event, phone contact, site visit, and/or other means	Residents	DPW	See Note 4	2021
Newspaper Articles/Press Releases	Mailing, website, event, phone contact, site visit, and/or other means	Businesses, Institutions and Commercial Facilities	DPW	See Note 4	2021

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	Develop SSO inventory in accordance of permit conditions	DPW	Complete within 1 year of effective date of permit	2018
Storm sewer system map	Create map and update during IDDE program completion	DPW	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit	2018
Written IDDE program	Create written IDDE program	DPW	Complete within 1 year of the effective date of permit and update as required	2018
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	2018
Conduct dry weather screening	Conduct in accordance with IDDE Program	DPW	Complete 3 years after effective date of permit	2019
Conduct wet weather screening	Conduct in accordance with IDDE Program	DPW	Complete 10 years after effective date of permit	2020
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	DPW	Complete ongoing outfall screening upon completion of IDDE program	2025
Implement IDDE Program	Conduct TV inspection of the storm drain system to look for illicit connections	DPW	Conduct TV inspection of 10% of storm drain system per year	2018

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	Complete written procedures of site inspections and enforcement procedures	DPW	Complete within 1 year of the effective date of permit	2018
Site plan review	Complete written procedures of site plan review and begin implementation	DPW	Complete within 1 year of the effective date of permit	2018
Erosion and Sediment Control	Adoption of requirements for construction operators to implement a sediment and erosion control program	DPW	Complete within 1 year of the effective date of permit	2018
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	DPW	Complete within 1 year of the effective date of permit	2018

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

Part III: Stormwater Management Program Summary (continued)

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

BMP Categorization <small>(enter your own text to override the drop down menu or entered text)</small>	BMP Description	Responsible Department/Parties <small>(enter your own text to override the drop down menu)</small>	Measurable Goal <small>(all text can be overwritten)</small>	Beginning Year of BMP Implementation
As-built plans for on-site stormwater control	Adoption, amendment, or modification of stormwater bylaw/ regulations to meet permit requirements	DPW	Enact regulations to include Building Permit Requirement for submission of as-built plans for completed projects	2018
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	DPW	Complete 4 years after effective date of permit and report annually on retrofitted properties	2021
Allow green infrastructure	Assess existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist	DPW	Complete 4 years after effective date of permit and implement recommendations of report	2021
Street design and parking lot guidelines	Assess 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.	DPW	Complete 4 years after effective date of permit and implement recommendations of report	2021

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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 <small>(enter your own text to override the drop down menu or entered text)</small>	BMP Description	Responsible Department/Parties <small>(enter your own text to override the drop down menu)</small>	Measurable Goal <small>(all text can be overwritten)</small>	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	DPW	Implement annually within 2 years of the permit effective date	2018
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	DPW	Complete written program within 2 years effective date of permit	2018
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	DPW	Complete written program within 2 years effective date of permit	2018
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	DPW	Complete written program within 2 years effective date of permit	2018
Catch basin cleaning	Establish goals for catch basin cleaning	DPW	Clean catch basins based on goals and report on cleaning activities completed annually	2019
Street sweeping program	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 or more in accordance with the infrastructure O&M plan	2018

Road salt use optimization program	Establish and implement a program to minimize the use of road salt	DPW	Complete written program within one year of effective date of permit	2018
Inspections and maintenance of stormwater treatment structures	Establish and implement inspection and maintenance procedures and frequencies	DPW	Complete written program within one year of effective date of permit	2018

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.**

Applicable TMDL	Action Description	Responsible Department/Parties <small>(enter your own text to override the drop down menu)</small>
Upper/Middle Charles River (Phosphorus)		DPW - See Note 5
Charles River Watershed (Bactria/Pathogen)		DPW - See Note 5

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 first year of the applicable fiscal year. Fiscal years run from July 1 to June 30 and correspond to permit years (i.e. permit year 1 is 2018).
- 2) For the purposes of NOI outfall mapping, "receiving waters" are considered as waterbodies and wetlands delineated by the USGS 25k hydrography data layers, which consists of hydrographic (water-related) features including surface waters (rivers, streams, lakes, ponds, springs, impoundments, estuaries, wetlands, coastal waters and vernal pools). The number of outfalls into a receiving water segment listed in Part II: Summary of Receiving Waters include those discharging within a 100' of a wetland or 200' of a surface water. All other outfalls are considered to be upland of receiving waters and are included in the map for use by the Town only. Future mapping efforts will refine outfall counts according to ownership and connectivity.
- 3) We completed the Endangered Species Act Eligibility Guidance in Appendix C of the Permit and determined that the project meets eligibility USFWS Criterion C. This determination is based on the project area IPAC report results and our assessment that activities will have "no affect" on listed species because no field work or alteration of any potential habitat is included in activities covered under this permit. A "no species present" letter, provided by USFWS, is included as an attachment to this application to complete the ESA determination.
- 4) The Town of Needham is a member of a stormwater coalition and is assisted by the Charles River Watershed Association who provide resources helping communities meet MS4 education requirements. The Town is working with these groups to develop a plan for deliverables for the MS4 educational requirements of the permit.
- 5) Related to Total Maximum Daily Loads action description, the Town will pursue the goal of meeting part A.I and A.III of Appendix F noted above for Upper/Middle Charles River (Phosphorus) and Charles River Watershed (Bacteria/Pathogen) respectively to the maximum extent practicable.
- 6) Related to Water Quality Limited Waters action description, the Town will pursue the goal of meeting part III and II of Appendix H noted above for E. Coli & Phosphorus respectively to the maximum extent practicable. .

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:

Title:

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

NOI Submission

Please submit the form electronically via email using the "Submit by Email" button below or send in a CD with your completed NOI. You may also print and submit via mail using the address below if you choose not to submit electronically. The outfall map required in Part I of the NOI (if applicable) can be submitted electronically as an email attachment OR as a paper copy.

Permittees that choose to submit their NOI electronically by email or by mailing a CD with the completed NOI form to EPA, will be able to download a partially filled Year 1 Annual Report at a later date from EPA. (40 CFR 122.22)

Submit by email using this button. Or, send an email with attachments to: stormwater.reports@epa.gov

Save NOI for your records

EPA Submittal Address:

United States Environmental Protection Agency
5 Post Office Square - Suite 100
Mail Code - OEP06-1
Boston, Massachusetts 02109-3912
ATTN: Newton Tedder

State Submittal Address:

Massachusetts Department of Environmental Protection
One Winter Street - 5th Floor
Boston, MA 02108
ATTN: Fred Civian

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:

Title:

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

MS4 NOI Attachments

Endangered Species Act Determination Letter

MS4 Outfall Map



United States Department of the Interior



FISH AND WILDLIFE SERVICE

New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5087
<http://www.fws.gov/newengland>

January 8, 2018

To Whom It May Concern:

This project was reviewed for the presence of federally listed or proposed, threatened or endangered species or critical habitat per instructions provided on the U.S. Fish and Wildlife Service's New England Field Office website:

<http://www.fws.gov/newengland/EndangeredSpec-Consultation.htm> (accessed January 2018)

Based on information currently available to us, no federally listed or proposed, threatened or endangered species or critical habitat under the jurisdiction of the U.S. Fish and Wildlife Service are known to occur in the project area(s). Preparation of a Biological Assessment or further consultation with us under section 7 of the Endangered Species Act is not required. No further Endangered Species Act coordination is necessary for a period of one year from the date of this letter, unless additional information on listed or proposed species becomes available.

Thank you for your cooperation. Please contact David Simmons of this office at 603-227-6425 if we can be of further assistance.

Sincerely yours,

Thomas R. Chapman
Supervisor
New England Field Office

Town of Needham, Massachusetts

MS4 Outfall Map

Map Legend

- Catch Basin Owner**
 - Town
- Manhole Owner**
 - Town
- Other Town Owned Structures**
 - Outfall
- Conveyance**
 - Pipe (Flow Direction)
- Hydrography**
 - Hydrologic Connection
 - Open Water
 - Wetland
 - Major Watershed Boundary
- *MassDEP 2014 Integrated List of Waters**
 - Rivers: Category 4A
 - Lakes, Estuaries: Category 4A
 - Rivers: Category 4C
 - Lakes, Estuaries: Category 4C
 - Rivers: Category 5
 - Lakes, Estuaries: Category 5
- Regulated Areas**
 - MassDEP Wellhead Protection Areas (Zone II, Zone I, IWPA)
 - MA MS4 Urban Area
- Public Water Supplies**
 - Community Groundwater Source
 - Surface Water Intake
 - Non-Community Groundwater Source
 - Emergency Surface Water
- Roadway Owner**
 - State
 - Town
 - Other
- Parcel Owner**
 - Federal
 - State
 - Town
 - Private

***Category 1:** Unimpaired and not threatened for all designated uses;
Category 2: Unimpaired for some uses and not assessed for others;
Category 3: Insufficient information to make assessments for any uses;
Category 4: Impaired for one or more uses, but not requiring the calculation of a Total Maximum Daily Load (TMDL);
Category 4a: Impaired for one or more uses, but not requiring the calculation of a TMDL (impairment due to "pollution" such as low flow, habitat alterations or non-native species introductions);
Category 5: Impaired for one or more uses and requiring a TMDL (impairment due to pollutants) such as nutrients, metals, pesticides, solids and pathogens).

Data Source: Town of Needham, BETA Drainage Field Inspections(2008) and MassGIS

Outfall Legend

- ▲ Outfall to Waterbody (197 Total Outfalls)
- ▲ Outfall to Upland Area (>100' from wetland, >200' from waterbody, 78 Total Outfalls)

MA72-18_2008
Fuller Brook (5):
E Coli (TMDL)
Nutrient/Eutro Indicators (TMDL)
Sedimentation/Silt

MA72-25_2008
Rosemary Brook (5):
DO (TMDL)
Phosphorus (TMDL)

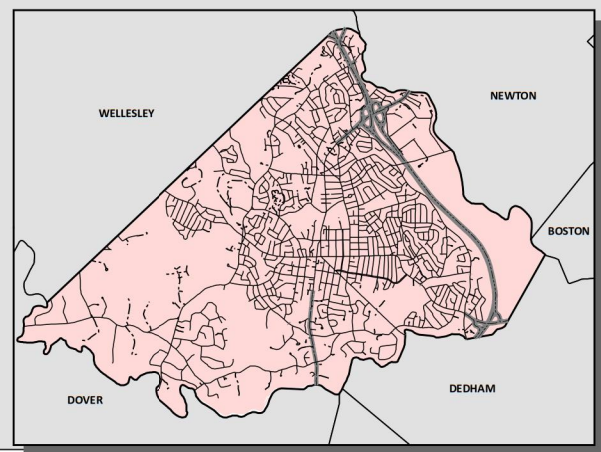
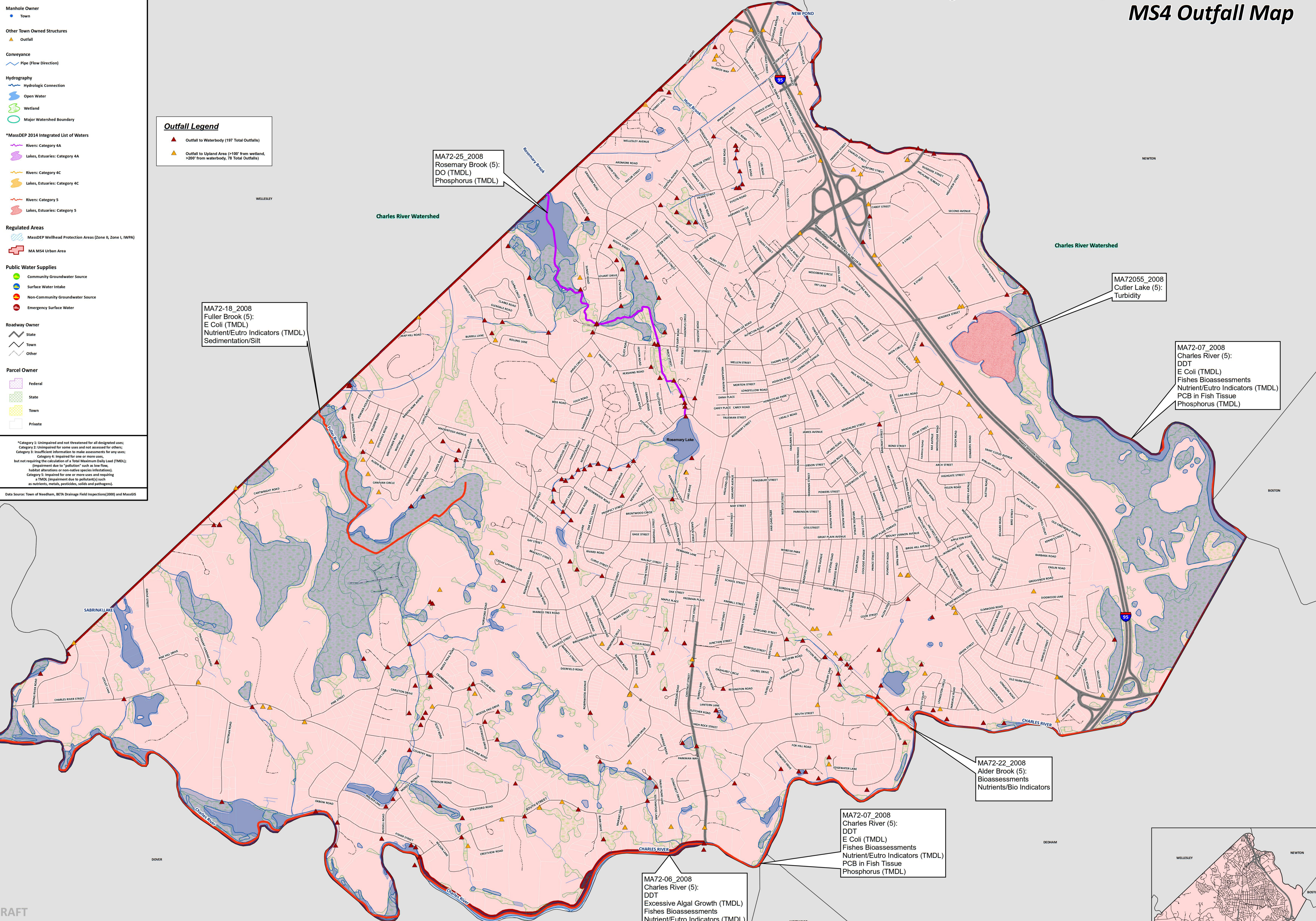
MA72055_2008
Cutler Lake (5):
Turbidity

MA72-07_2008
Charles River (5):
DDT
E Coli (TMDL)
Fishes Bioassessments
Nutrient/Eutro Indicators (TMDL)
PCB in Fish Tissue
Phosphorus (TMDL)

MA72-22_2008
Alder Brook (5):
Bioassessments
Nutrients/Bio Indicators

MA72-07_2008
Charles River (5):
DDT
E Coli (TMDL)
Fishes Bioassessments
Nutrient/Eutro Indicators (TMDL)
PCB in Fish Tissue
Phosphorus (TMDL)

MA72-06_2008
Charles River (5):
DDT
Excessive Algal Growth (TMDL)
Fishes Bioassessments
Nutrient/Eutro Indicators (TMDL)
Other
PCB in Fish Tissue
Phosphorus (TMDL)



From: [Melissa Recos](mailto:Melissa.Recos)
To: [Vuto, Michelle](mailto:Vuto.Michelle); rmerson@needhamma.gov
Cc: [Reports Stormwater](#); [Anthony DelGaizo](#); KFitzpatrick@needhamma.gov; [Mike Hornig](#); [Bob Mackie](#)
Subject: RE: Small MS4 NOI submission - additional or corrected information required
Date: Tuesday, April 09, 2019 10:58:13 AM

Hi Michelle,

On behalf of the Town of Needham, we are providing the requested additional information for the NOI Submission as follows:

Public Education MCM:

Distribute Educational message by Brochures/Pamphlets through Mailing, website, event, phone contact, site visit, and/or other means for each of the 4 target audiences: (1)Residents, (2) Businesses, Institutions and Commercial Facilities, (3) Developers (construction), (4) Industrial Facilities

Measurable goal - Town to distribute first educational message to each of the 4 audiences over permit term

Distribute Educational message by Newspaper Articles/Press Releases through Mailing, website, event, phone contact, site visit, and/or other means for each of the 4 target audiences: (1)Residents, (2) Businesses, Institutions and Commercial Facilities, (3) Developers (construction), (4) Industrial Facilities

Measurable goal - Town to distribute second educational message to each of the 4 audiences over permit term

Post-construction MCM:

The Town will follow permit requirements for developing procedures to require the submission of as-built drawings and ensure long term operation and maintenance as part of the SWMP.

Impairments:

Related to Water Quality Limited Waters action description, the Town will pursue the goal of meeting part V of Appendix H for solids (sedimentation/siltation) for Fuller Brook to the maximum extent practicable.

Please let me know if you need any additional information.

Sincerely,
Melissa Recos, PE
Project Manager

BETA Group, Inc. | T: 781.255.1982 | www.BETA-Inc.com

-----Original Message-----

From: Vuto, Michelle [<mailto:Vuto.Michelle@epa.gov>]
Sent: Friday, March 29, 2019 8:02 AM
To: rmerson@needhamma.gov; Melissa Recos
Cc: Reports Stormwater
Subject: Small MS4 NOI submission - additional or corrected information required

Hello,

EPA requires additional or corrected information to receive a complete NOI submission for your MS4 and continue the review process.

Please respond to this email with the requested details in the attached report. You do not need to resubmit your entire NOI form. Please respond with the requested information as soon as you can. If the additional information is not received within 30 days of the date on this email EPA may initiate the process to deny your NOI, unless additional time is granted by EPA for such submission.

Please let me know if you have any questions.

Best,
Michelle

Michelle Vuto
Stormwater & Construction Permits
U.S. EPA Region 1
5 Post Office Square-OEP06-4
Boston, MA 02109-3912
617-918-1222

Confidentiality Notice:

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