

Part I: General Conditions

General Information

Name of Municipality or Organization: Town of Norwell State: MA

EPA NPDES Permit Number (if applicable): MAR041052

Primary MS4 Program Manager Contact Information

Name: Glenn Ferguson Title: Highway Surveyor and Director

Street Address Line 1: 345 Main Street

Street Address Line 2:

City: Norwell State: MA Zip Code: 02061

Email: Glenn.Ferguson@townofnorwell.net Phone Number: 781-645-7710

Fax Number:

Other Information

Stormwater Management Program (SWMP) Location: Highway Department Office

Eligibility Determination

Endangered Species Act (ESA) Determination Complete? Yes

Eligibility Criteria (check all that apply): A B C

National Historic Preservation Act (NHPA) Determination Complete? Yes

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? 100%
Web address where MS4 map is published: Attached
Regulatory Authorities (if covered under the 2003 permit)
Illicit Discharge Detection and Elimination (IDDE) Authority Adopted? Yes Effective Date or Estimated Date of Adoption (MM/DD/YY): 01/01/14
Construction/Erosion and Sediment Control (ESC) Authority Adopted? Yes Effective Date or Estimated Date of Adoption (MM/DD/YY): May 2012
Post- Construction Stormwater Management Adopted? Yes Effective Date or Estimated Date of Adoption (MM/DD/YY): May 2012





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
Tributary to Third Herring Brook: Wildcat Creek	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 Third Herring Brook: Wildcat Brook	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 Third Herring Brook: Unnamed Brook to Hoop Pole Swamp	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"/>	
Isolated Wetland (Wildcat Lane)	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 (South Street)	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"/>	
Burnt Plain Swamp	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 (Mount Blue 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"/>	
MA94-077 Jacobs Pond	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"/>	Non-Native Aquatic Plants
Tributary to Jacobs Pond: Unnamed Brook	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 Jacobs Pond: Wetlands	10	<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"/>	
MA94-39 Longwater Brook	10	<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 Longwater Brook: Unnamed Brook	5	<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 Longwater Brook: Hatch Pond	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"/>	
MA74030 Accord Pond	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"/>	Non-Native Aquatic Plants
Unnamed Pond (Blackthorne Lane)	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 (May Elm Lane)	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 (Summer 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 (School 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"/>	
<b>Waterbody segment that receives flow from the MS4</b>	<b>Number of outfalls into receiving water segment</b>	<b>Chloride</b>	<b>Chlorophyll-a</b>	<b>Dissolved Oxygen/DO Saturation</b>	<b>Nitrogen</b>	<b>Oil &amp; Grease/ PAH</b>	<b>Phosphorus</b>	<b>Solids/ TSS/ Turbidity</b>	<b>E. coli</b>	<b>Enterococcus</b>	<b>Other pollutant(s) causing impairments</b>
Unnamed Pond (Prospect 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"/>	
Isolated Wetland (Hall Drive)	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"/>	
Isolated Wetland (John Adams 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"/>	

Isolated Wetland (Simon Hill 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"/>	<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"/>
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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, Pet Waste Outreach Program and/or other means	Residents	Highway Department in collaboration with NSRWA - WaterSmart Proj	TBD - See Note 4	2018
Brochures/Pamphlets	Mailing, Website, event, phone contact, site visit, and/or other means	Businesses, Institutions and Commercial Facilities	Highway Department in collaboration with NSRWA - WaterSmart Proj	TBD - See Note 4	2018
Brochures/Pamphlets	Mailing, Website, event, phone contact, site visit, and/or other means	Developers (construction)	Highway Department in collaboration with NSRWA - WaterSmart Proj	TBD - See Note 4	2018
Brochures/Pamphlets	Mailing, Website, event, phone contact, site visit, and/or other means	Industrial Facilities	Highway Department in collaboration with NSRWA - WaterSmart Proj	TBD - See Note 4	2018
Newspaper Articles/Press Releases	Mailing, Website, event, phone contact, site visit, and/or other means	Residents	Highway Department in collaboration with NSRWA - WaterSmart Proj	TBD - See Note 4	2020
Newspaper Articles/Press Releases	Mailing, Website, event, phone contact, site visit, and/or other means	Businesses, Institutions and Commercial Facilities	Highway Department in collaboration with NSRWA - WaterSmart Proj	TBD - See Note 4	2020

Newspaper Articles/Press Releases	Mailing, Website, event, phone contact, site visit, and/or other means	Developers (construction)	Highway Department in collaboration with NSRWA - WaterSmart Proj	TBD - See Note 4	2020
Newspaper Articles/Press Releases	Mailing, Website, event, phone contact, site visit, and/or other means	Industrial Facilities	Highway Department in collaboration with NSRWA - WaterSmart Proj	TBD - See Note 4	2020

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

Part III: Stormwater Management Program Summary (continued)

MCM 2: Public Involvement and Participation

<b>BMP Categorization</b>	<b>Brief BMP Description</b> (enter your own text to override the drop down menu)	<b>Responsible Department/Parties</b> (enter your own text to override the drop down menu)	<b>Additional Description/ Measurable Goal</b>	<b>Beginning Year of BMP Imple- mentation</b>
Public Review	SWMP Review	Highway Department	Allow annual review of stormwater management plan and posting of stormwater management plan on website	2018
Public Participation	Stormwater Committee/Task Force	Highway Department	Allow public to comment on stormwater management plan annually	2018







## 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)

<b>BMP Categorization</b> (enter your own text to override the drop down menu)	<b>BMP Description</b>	<b>Responsible Department/Parties</b> (enter your own text to override the drop down menu)	<b>Measurable Goal</b> (all text can be overwritten)	<b>Beginning Year of BMP Implementation</b>
SSO inventory	Develop SSO inventory in accordance of permit conditions	Highway Department	Complete within 1 year of effective date of permit	2018
Storm sewer system map	Create map and update during IDDE program completion	Highway Department	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	Highway Department	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	Highway Department	Complete 10 years after effective date of permit	2019
Employee training	Train employees on IDDE implementation	Highway Department	Train annually	2018
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	Highway Department	Complete 3 years after effective date of permit	2019
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	Highway Department	Complete 10 years after effective date of permit	2020
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	Highway Department	Complete ongoing outfall screening upon completion of IDDE program	2023



## 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

<b>BMP Categorization</b> <small>(enter your own text to override the drop down menu or entered text)</small>	<b>BMP Description</b>	<b>Responsible Department/Parties</b> <small>(enter your own text to override the drop down menu)</small>	<b>Measurable Goal</b> <small>(all text can be overwritten)</small>	<b>Beginning Year of BMP Implementation</b>
Site inspection and enforcement of Erosion and Sediment Control (ESC) measures	Complete written procedures of site inspections and enforcement procedures	Highway Department in Collaboration with Town Boards	Complete within 1 year of the effective date of permit	2018
Site plan review	Complete written procedures of site plan review and begin implementation	Highway Department in Collaboration with Town Boards	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	Highway Department in Collaboration with Town Boards	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	Highway Department in Collaboration with Town Boards	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

<b>BMP Categorization</b> (enter your own text to override the drop down menu or entered text)	<b>BMP Description</b>	<b>Responsible Department/Parties</b> (enter your own text to override the drop down menu)	<b>Measurable Goal</b> (all text can be overwritten)	<b>Beginning Year of BMP Implementation</b>
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	Highway Department in Collaboration with Town Boards	Require submission of as-built plans for completed projects	2019
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	Highway Department	Complete 4 years after effective date of permit and report annually on retrofitted properties	2021
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	Highway Department	Complete 4 years after effective date of permit and implement recommendations of report	2021

<p>Street design and parking lot guidelines</p>	<p>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.</p>	<p>Highway Department</p>	<p>Complete 4 years after effective date of permit and implement recommendations of report</p>	<p>2021</p>
<p>Ensure any stormwater controls or management practices for new development and redevelopment meet the retention or treatment requirements of the permit and all applicable requirements of the Massachusetts Stormwater Handbook</p>	<p>Adoption, amendment, or modification of a regulatory mechanism to meet permit requirements</p>	<p>Highway Department in Collaboration with Town Boards</p>	<p>Complete 2 years after effective date of permit</p>	<p>2019</p>


## 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

<b>BMP Categorization</b> <small>(enter your own text to override the drop down menu or entered text)</small>	<b>BMP Description</b>	<b>Responsible Department/Parties</b> <small>(enter your own text to override the drop down menu)</small>	<b>Measurable Goal</b> <small>(all text can be overwritten)</small>	<b>Beginning Year of BMP Implementation</b>
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	Highway Department	Complete and implement 2 years after effective date of permit	2019
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	Highway Department	Complete 2 years after effective date of permit and implement annually	2019
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	Highway Department	Complete 2 years after effective date of permit	2019
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	Highway Department	Complete and implement 2 years after effective date of permit	2019
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	Highway Department	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material moved annually	2018
Street sweeping program	Sweep all streets and permittee-owned parking lots in accordance with permit conditions	Highway Department	Sweep all streets and permittee-owned parking lots once per year in the spring	2018



Road salt use optimization program	Establish and implement a program to minimize the use of road salt	Highway Department	Implement salt use optimization during deicing season	2018
Inspections and maintenance of stormwater treatment structures	Establish and implement inspection and maintenance procedures and frequencies	Highway Department	Inspect and maintain treatment structures at least annually	2018





**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.
- 3) According to Appendix C - Endangered Species Act Eligibility Guidance and the IPaC report, the project meets USFWS Criteria B. Based on correspondence with David Simmons of USFWS via phone and email on 8/21/2018, the determination of "no effect" is appropriate for Norwell given the lack of coastline. As requested by USFWS, a "no species present" letter is provided with this application to complete the ESA determination (see attached).
- 4) The Town of Norwell is a member of the North and South Rivers Watershed Association (NSRWA) who helps communities meet both the MS4 and Water Management Act education requirements through their WaterSmart program. The Town of Norwell in collaboration with NSRWA is working to develop a plan for deliverables for the MS4 educational requirements of the permit.



## 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 J. Morin (signature page mailed)

Title:

Town Administrator

Signature:

Date:

9/17/18

*[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.**

Submit by email using this button. Or, send an email with attachments to: [stormwater.reports@epa.gov](mailto: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: [Handwritten Signature] PETER S. MORIN

Title: Town Administrator

Signature:

Date: 9/17/18

[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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Boston, MA 02108
ATTN: Fred Civian

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 Norwell, Massachusetts

## MS4 Outfall Map

MA 4020 ACCORD POND  
NON-NATIVE AQUATIC PLANTS

MA 84-25  
FIRST HERRING BROOK

MA 94157  
TORREY ROAD

MA 94077  
JACOBS POND  
NON-NATIVE AQUATIC PLANTS

MA 94-39  
LONGWATER BROOK

MA 94-26  
SECOND HERRING BROOK

MA 94-25  
THIRD HERRING BROOK  
FECAL COLIFORM (TMDL)

MA 94-05  
NORTH RIVER  
FECAL COLIFORM (TMDL)  
MERCURY IN FISH TISSUE

### Map Legend

- Catch Basin Owner**
  - Town
  - State
  - Private
- Manhole Owner**
  - Town
  - State
  - Private
- Other Town Owned Structures**
  - Outfall
  - Inlet
- Conveyance**
  - Pipe (Flow Direction)
  - Culvert
  - Swale
- 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**
  - MA MS4 Urban Area
- Conservation**
  - NHESP Certified Vernal Pools
  - NHESP Estimated Habitats of Rare Wildlife
  - NHESP Priority Habitats of Rare Species
- MHC Historic Inventory**
  - Historic - Point
  - Historic - Area
- Roadway Owner**
  - State
  - Town
  - Other
  - Private
- Planimetric Data**
  - Parcel

Category 1: Attainment of designated uses.  
Category 2: Attainment of some of the designated uses and insufficient or no data and information is available to determine if the remaining uses are attained.  
Category 3: Insufficient or no data and information to determine if any designated uses are attained.  
Category 4A: Required for one or more designated uses but does not require the development of a TMDL. TMDL has been completed.  
Category 4B: Required for one or more designated uses but does not require the development of a TMDL. Other pollution control requirements are reasonably expected to result in the attainment of designated uses.  
Category 4C: Required for one or more designated uses but does not require the development of a TMDL. Other pollution control requirements are reasonably expected to result in the attainment of designated uses.  
Category 5: Required for one or more designated uses, requires the development of a TMDL. Impairment is caused by a pollutant.

Data Source: Town of Norwell, EPC Drainage Data and MassGIS

### Outfall Legend

- ▲ Outfall to Waterbody within MS4 Area (124 Total Outfalls)
- ▲ Outfall to Upland Area (>100' from wetland, >200' from waterbody, 73 Total Outfalls)

