

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

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
*See Attachment A

National Historic Preservation Act (NHPA) Determination Complete?

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

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? Effective Date or Estimated Date of Adoption (MM/DD/YY):

Construction/Erosion and Sediment Control (ESC) Authority Adopted? Effective Date or Estimated Date of Adoption (MM/DD/YY):

Post-Construction Stormwater Management Adopted? Effective Date or Estimated Date of Adoption (MM/DD/YY):

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
R*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"/>	
I*06	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"/>	
I*07	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"/>	
I*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"/>	
R*13		<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"/>	
R*22		<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"/>	
R*11		<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"/>	
I*16		<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"/>	
I*15		<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"/>	
R*18	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"/>	
I*08	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"/>	
I*12		<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"/>	
E*09-09		<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"/>	See Attachments C & D - Impaired Waterbody Map & Table
R*26	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"/>	
R*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"/>	
R*27	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"/>	
I*09		<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"/>	
L*01	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"/>	

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
R*28		<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"/>	
E*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 checked="" type="checkbox"/>	See Attachments C & D - Impaired Waterbody Map & Table
R*05	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"/>	
E*02		<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"/>	See Attachments C & D - Impaired Waterbody Map & Table
E*09-08	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 checked="" type="checkbox"/>	See Attachments C & D - Impaired Waterbody Map & Table
E*09-05		<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"/>	
E*04-01		<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"/>	
E*01-02		<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"/>	
E*01-03		<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"/>	
E*02-05		<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"/>	
E*02-02		<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"/>	
E*03		<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"/>	
E*04	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"/>	
E*02-03		<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"/>	
E*03-03	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"/>	See Attachments C & D - Impaired Waterbody Map & Table
O*02-07		<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"/>	
O*02-10		<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 checked="" type="checkbox"/>	See Attachments C & D - Impaired Waterbody Map & Table
O*02-12		<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"/>	See Attachments C & D - Impaired Waterbody Map & Table
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

O*02-13		<input type="checkbox"/>	See Attachments C & D - Impaired Waterbody Map & Table								
O*02-17		<input type="checkbox"/>	See Attachments C & D - Impaired Waterbody Map & Table								
O*02-18		<input type="checkbox"/>	See Attachments C & D - Impaired Waterbody Map & Table								
O*08-01		<input type="checkbox"/>	See Attachments C & D - Impaired Waterbody Map & Table								
O*08-03		<input type="checkbox"/>	See Attachments C & D - Impaired Waterbody Map & Table								
E*09-06	1	<input type="checkbox"/>	See Attachments C & D - Impaired Waterbody Map & Table								
		<input type="checkbox"/>									
		<input type="checkbox"/>									
		<input type="checkbox"/>									
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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 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
Various delivery methods -	Use NH Seacoast Stormwater Coaliton outreach materials and guidance to implement outreach for relevant impairments. *See Note 1 in Section IV.	Residents	Town Clerk, Public Works and Conservation Department	1) Increased awareness of proper fertilizer use. 2) Increased awareness of pet waste impacts to water quality. 3) Increased awareness of yard waste impacts to water quality.	Year 1
Various delivery methods	Use NH Seacoast Stormwater Coaliton outreach materials and guidance to implement outreach for relevant impairments *See Note 1 in Section IV.	Businesses, Institutions and Commercial Facilities	Public Works Department and Conservation Department	1) Increased awareness of proper fertilizer use. 2) Increased awareness of pet waste impacts to water quality. 3) Increased awareness of yard waste impacts to water quality.	Year 1

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)
Sanitary Sewer Overflow (SSO) inventory	Develop SSO inventory in accordance of permit conditions	Public Works Department	Complete within 1 year of effective date of permit
Storm sewer system map	Create map and update during IDDE program completion, update annually	Public Works Department	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit
Written Illicit Discharge and Detection Elimination (IDDE) program development	Create written IDDE program	Public Works Department	Complete within 1 year of the effective date of permit and update as required under sections 2.3.4.6-11
Implement IDDE program	Implement catchment investigations according to program and permit conditions	Public Works Department	Complete 10 years after effective date of permit
Employee training	Train employees in IDDE program implementation	Public Works Department	Training annually
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions in section 2.3.4.7.b	Public Works Department	Complete 3 years after effective date of permit, update annually based on results of dry weather screening
Conduct wet weather screening	Conduct in accordance with outfall screening procedures in in section 2.3.4.7.b	Public Works Department	Complete 10 years after effective date of permit
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	Public Works Department	Complete ongoing outfall screening on completion of IDDE program

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)
Implement site inspection and enforcement of erosion and sediment (ESC) control measures	Prepare written procedure and ESC Regulations	Building Department	Complete within 1 year of the effective date of permit
Site Plan Review	Prepare written procedures / regulation and begin implementation	Planning Board and Department of Public Works	Complete within 1 year of the effective date of permit
Erosion and Sediment Control	Enact requirements for construction operators to implement a sediment and erosion control program	Planning Board, Building Department and Board of Selectman	Complete within 1 year of the effective date of permit
Construction and site waste controls	Enact requirements to control wastes, including but not limited to, discarded building materials, concrete truck wash out, chemicals, litter, and sanitary wastes	Planning Board, Building Department and Board of Selectman	Complete within 1 year of the effective date of permit

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

<p style="text-align: center;">BMP Categorization <small>(enter your own text to override the drop down menu or entered text)</small></p>	<p style="text-align: center;">BMP Description</p>	<p style="text-align: center;">Responsible Department/Parties <small>(enter your own text to override the drop down menu)</small></p>	<p style="text-align: center;">Measurable Goal <small>(all text can be overwritten)</small></p>
<p>As-built plans for on-site stormwater controls</p>	<p>Enact procedures to require submission of as-built plans and ensure long term operations and maintenance s part of the SWMP</p>	<p>Planning Board, Building Department and Board of Selectman</p>	<p>Require submission of as-built plans for completed projects.</p>
<p>Target properties for reduction in impervious cover</p>	<p>Complete an inventory and priority ranking of permittee-owned property and existing infrastructure that could be retrofitted with BMPs designed to reduce the frequency, volume and pollutant loads of stormwater discharges to its MS4 through the mitigation of impervious area</p>	<p>Planning Board and Conservation Department</p>	<p>Complete 4 years after effective date of permit and report annually on retrofitted properties</p>
<p>Determine feasibility and allow for green infrastructure implementation</p>	<p>Report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist</p>	<p>Conservation Dept, Planning Board, Building Dept and Board of Selectman</p>	<p>Complete 4 years after effective date of permit and implement recommendations of report</p>
<p>Street design and parking lot guidelines</p>	<p>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>Planning Board, Public Works Department and Board of Selectman</p>	<p>Complete 4 years after effective date of permit and implement recommendations of report</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

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
Operation and Maintenance (O&M) Procedures	Create written O&M procedures including all requirements contained in section 2.3.7.1 for parks and open spaces, buildings and facilities, and vehicles and equipment	Public Works Dept, Conservation Dept, and Town Manager	Complete and implement 2 years after effective date of permit	Year 2
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Prepare inventory	Public Works Dept and Town Manager	Complete 2 years after effective date of permit and update inventory annually	Year 2
Infrastructure Operations and Maintenance	Establish and record annually implementation of program activities for maintenance, repair and rehabilitation of MS4 infrastructure	Public Works Department	Complete 2 years after effective date of permit	Year 2
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for municipal properties or individual facilities per requirements of section 2.3.7.2	Public Works Department and Conservation Department	Complete 2 years after effective date of permit	Year 2
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, ensure proper storage of basin cleanings	Public Works Department	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material moved annually	Year 1

Street sweeping program	Sweep all (curbed) streets and permittee-owned parking lots in accordance with permit conditions	Public Works Department	Sweep all streets and permittee-owned parking lots once per year in the spring	Year 1
Road salt use optimization and winter road maintenance program	Establish and implement a program to minimize the use of road salt and evaluate opportunities for use of alternative materials	Public Works Department	Implement salt use optimization program during deicing season. Use Green SnowPro Program	Year 2
Inspections and maintenance of stormwater treatment structures	Establish and implement inspection and maintenance procedures and frequencies	Public Works Department	Inspect and maintain treatment structures at least annually	Year 2

Part IV: Notes and additional information

Use the space below to indicate the part(s) of 2.2.2 that you have identified as not applicable to your MS4 and provide all supporting documentation below or attach additional documents if necessary.

Provide any additional information about your MS4 program below.

Attachment A - Endangered Species Statement, e-mail from USFWS and IPAC Tool Determination

Attachment B - Outfall Map

Attachment C - Impaired Waterbody Map

Attachment D - Impaired Waterbody Table

Note 1: MCM 1 Requires a minimum of two messages to the four audiences listed for a total of eight messages over permit term. Additional messaging may be required under Appendix H for Water Quality Limited Waterbodies.

Note 2: The MODEL STORMWATER STANDARDS FOR COASTAL WATERSHED COMMUNITIES is available at:
https://www.unh.edu/unhsc/sites/unh.edu.unhsc/files/Final_SWA_SWStandards_Dec_20121_0.pdf

Part IV of the NOI is intended to be used to document any information that part(s) of the requirements of discharging to an impaired water (Section 2.2.2 of the Permit) are not applicable to your municipality's MS4 area. SCC is recommending that this area also be used to expand on any information provided in other sections of the NOI or to document unique situations that the municipality feels has impact on their status of discharging stormwater to an impaired waterbody.

Examples of information:

- 1) No municipally owned facilities or roadways exist within the urbanized area.
- 2) Documentation of ongoing efforts to reduce stormwater, including water quality tests, being conducted by the Town are available at: www.website.gov.

If your municipality has information or documentation that cannot fit into the available space, attachments may be submitted with your NOI to EPA. It is recommended that all attachments be listed within the additional information section.

Notice of Intent (NOI) for coverage under Small MS4 General 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 gathered and evaluated 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, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than 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.

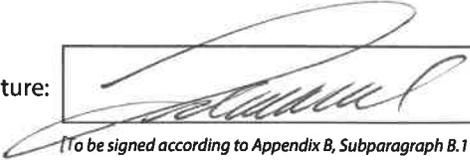
Name:

Fred Welch

Title:

Town Manager

Signature:



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

Date:

9/27/18

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

EPA Submittal Address:

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

**TOWN OF HAMPTON
NEW HAMPSHIRE**



September 12, 2018

James Hafey - Engineering Coordinator
Town of Hampton, NH - Department of Public Works

RE: Endangered Species Act (ESA) Determination for the NOI – MS4 General Permit

This statement was written to document the process used to determine the ESA eligibility criteria for the NOI – MS4 General Permit.

IPaC tool was used to determine the species and critical habitat.

USFWS Criteria 'B' WAS MET because the answer was "yes" to ALL of the following questions.

1. Does your action area contain one or more of the following species: Dwarf wedgemussel, Northeastern bulrush, Piping Plover, Roseate Turn, Jesup's milk-vetch?
2. Did your assessment of the discharge and discharge related activities indicate that the discharge or discharge related activities "may affect" or are "not likely to adversely affect" listed species or critical habitat?
3. Did you contact the USFWS and did the formal or informal consultation result in either a "no jeopardy" opinion by the USFWS (for formal consultation) or concurrence by the USFWS that your activities would "not likely to adversely affect" listed species or critical habitat (for informal consultation)?
4. Do you agree to implement all measures upon which the consultation was conditioned?
5. Do you agree that if, during the course of the permit term, you plan to install a structural BMP not identified in the NOI that you will re-initiate informal or formal consultation with USFWS as necessary?

James C Hafey

From: vonOettingen Susi <susi_vonoettingen@fws.gov>
To: <Jhafey@town.hampton.nh.us>
Cc:
Date: 09/13/18 10:44 AM
Subject: No effects to species within the Town of Hampton

Hi,

I am confirming that there will be no effects to federally listed species that may occur within the Town of Hampton from issuance of an MS4 permit.

Susi von Oettingen

Susi von Oettingen
Endangered Species Biologist
New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301
(W) 603-227-6418
(Fax) 603-223-0104

www.fws.gov/newengland

IPaC Information for Planning and Consultation U.S. Fish & Wildlife Service

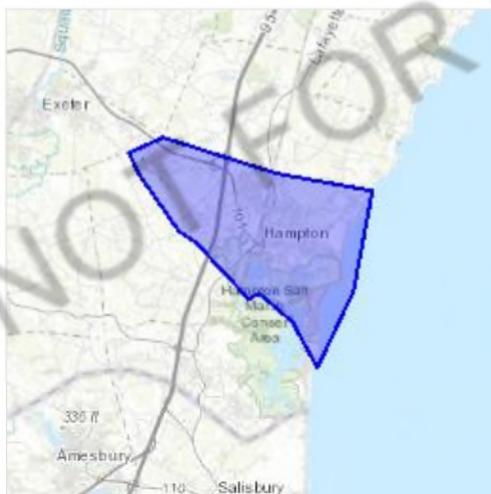
IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Rockingham County, New Hampshire



Local office

New England Ecological Services Field Office

☎ (603) 223-2541

📠 (603) 223-0104

70 Commercial Street, Suite 300

Concord, NH 03301-5094

<http://www.fws.gov/newengland>

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population, even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

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1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information.
 2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Mammals

NAME

STATUS

Northern Long-eared Bat *Myotis septentrionalis*
No critical habitat has been designated for this species.
<https://ecos.fws.gov/ecp/species/9045>

Threatened

Birds

NAME

STATUS

Piping Plover *Charadrius melodus*
There is **final** critical habitat for this species. Your location is outside the critical habitat.
<https://ecos.fws.gov/ecp/species/6039>

Threatened

Red Knot *Calidris canutus rufa*
No critical habitat has been designated for this species.
<https://ecos.fws.gov/ecp/species/1864>

Threatened

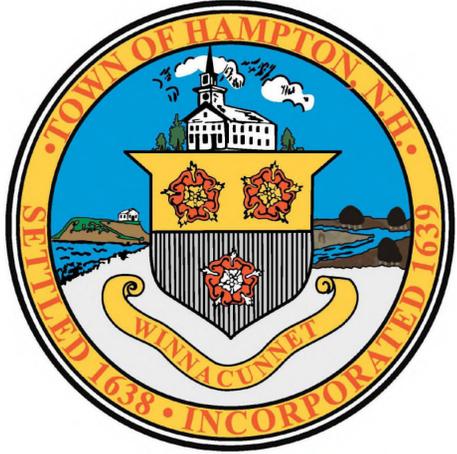
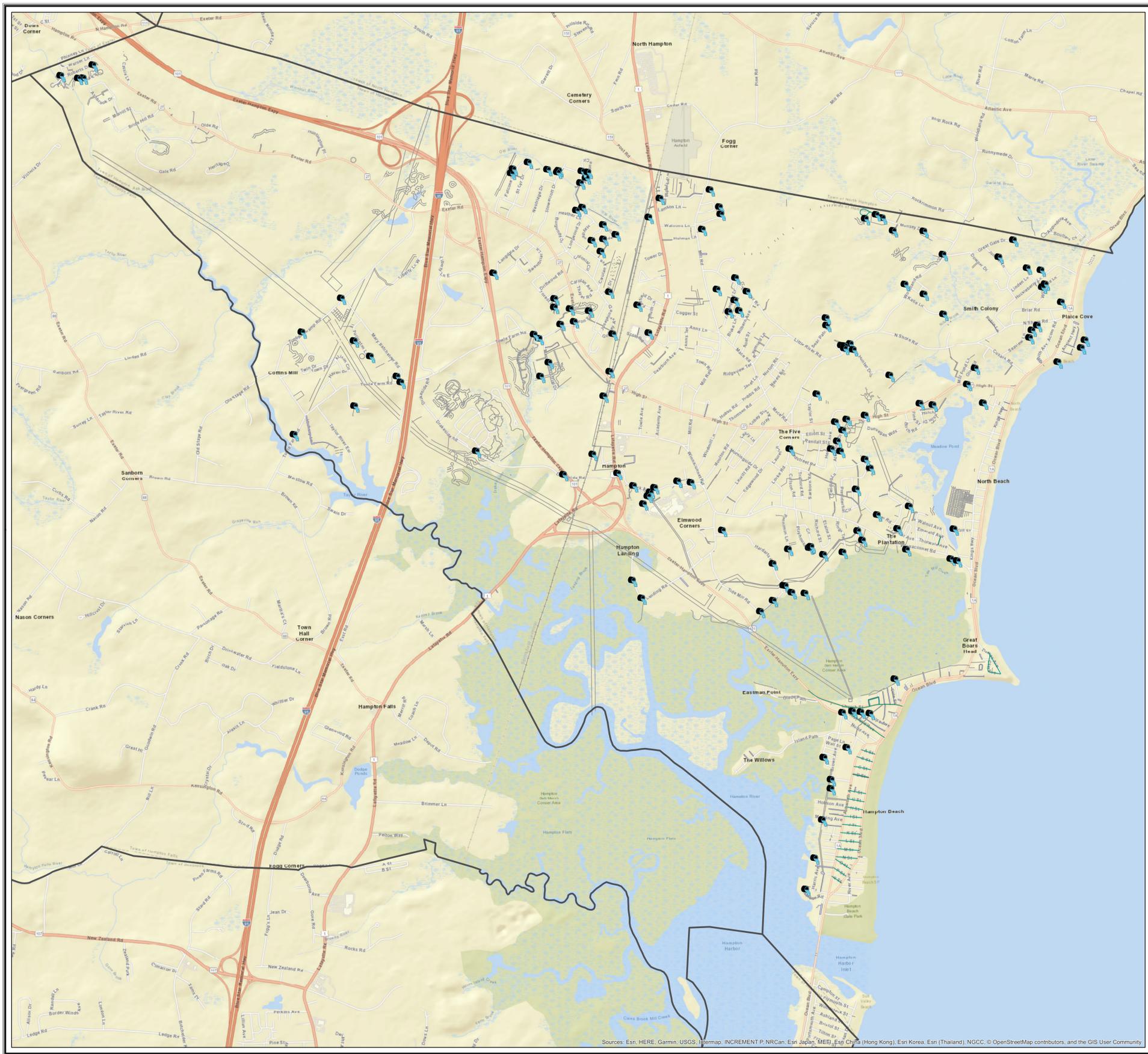
Roseate Tern *Sterna dougallii dougallii*
No critical habitat has been designated for this species.
<https://ecos.fws.gov/ecp/species/2083>

Endangered

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

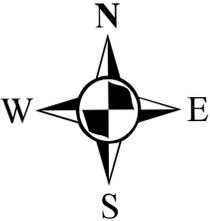
THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.



Stormwater Outfall Map

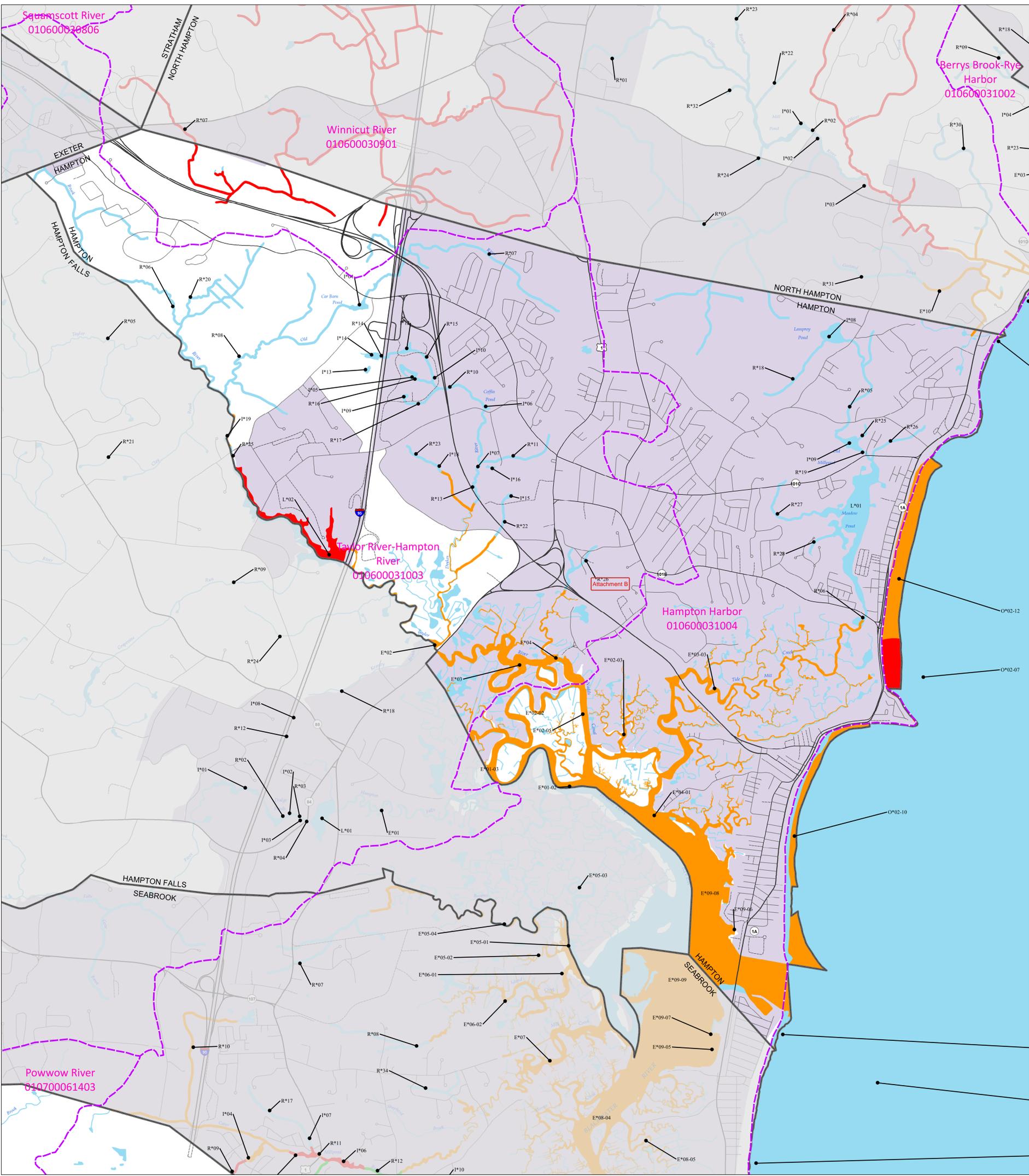
Hampton,
New Hampshire

September 14, 2018



Scale: 1 inch = 1,500 feet

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



TOWN OF HAMPTON NEW HAMPSHIRE

New Hampshire DES
303(d) Impaired Water
2016 Partially Adopted

Beach Area	Rivers Streams	Lakes Ponds	NH DES Category Description
			3-ND, 3-PAS, 3-PNS - No data, insufficient data or limited data exists.
			Category 4 (4I) - There is an impairment by pollutant and a TMDL has been approved and completed. Or there is an impairment by a non-pollutant.
			Category 5-M - There is an impairment by pollutant which will require a TMDL.
			Category 5-P - There is an impairment by pollutant which will require a TMDL. This impairment causes poor water quality and is considered severe.

HUC 12 Watershed Boundary

Abbr. Label	HUC 12
L*03	010700060201

AUID = NH LAK700060201-03

Base Features

- Municipal Boundary
- MS4 Regulated Areas

Water Features

- Surface Waterbody
- Stream, River

Roads by Legislative Class

- Class I & II Roads
- Class IV Urban Compact Road
- Class V Local Road
- Private

Seacoast Stormwater Coalition Communities Locus Map With HUC 12 Watersheds

A huge thank you to NH DES for their assistance in this mapping effort. Their patience, time, skill and guidance have been critical in this effort.

Surface Water Quality Assessments 305(b) and 303(d)

The Surface Water Quality Assessment Program produces two surface water quality documents every two years, the "305(b) Report" and the "303(d) List". As the two documents use the same data, the 305(b) Report and 303(d) List were combined into one Integrated Report starting in 2012. The Integrated Report describes the quality of New Hampshire's surface waters and an analysis of the extent to which all such waters provide for the protection and propagation of a balanced population of shellfish, fish, and wildlife, and allow recreational activities in and on the water.

The Federal Water Pollution Control Act (PL92-500, commonly called the Clean Water Act (CWA)), as last reauthorized by the Water Quality Act of 1987, requires each state to submit two surface water quality documents to the US Environmental Protection Agency (EPA) every two years. Section 305(b) of the CWA requires submission of a report (commonly called the "305(b) Report"), that describes the quality of its surface waters and an analysis of the extent to which all such waters provide for the protection and propagation of a balanced population of shellfish, fish and wildlife, and allow recreational activities in and on the water.

The second document is typically called the "303(d) List," which is so named because it is a requirement of Section 303(d) of the CWA. The 303(d) List includes surface waters that are:

- > Impaired or threatened by a pollutant or pollutant(s).
- > Not expected to meet water quality standards within a reasonable time even after application of best available technology standards for point sources or best management practices for nonpoint sources.
- > Require development and implementation of a comprehensive water quality study (a Total Maximum Daily Load (TMDL) study) which is designed to meet water quality standards.

Data Sources

Base features from NH GRANIT database. Digital data in NH GRANIT represent the efforts of the contributing agencies to record information from the cited source materials. Earth Systems Research Center (ESRC), under contract to the Office of Strategic Initiatives (OSI), and in consultation with cooperating agencies, maintains a continuing program to identify and correct errors in these data. Neither OSI nor ESRC make any claim as to the validity or reliability or to any implied uses of these data.

Data Disclaimer

Data should be used for planning purposes only. Data were derived from various sources and were updated at different timeframes, with varying levels of accuracy. Please notify SRPC or RPC of any errors or omissions.

Impaired Water Bodies - Hampton, 2016

AUID	AUID Label	Waterbody Name	Impairment Level	Parameter Type	Parameter Level	In MS4
NHEST600031003-02	E*02	TAYLOR RIVER	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	Yes
				Fecal Coliform	4A-P	
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHEST600031003-03	E*03	TAYLOR RIVER	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	Yes
				Fecal Coliform	4A-M	
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHEST600031003-04	E*04	HAMPTON RIVER BOAT CLUB SZ	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	Yes
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHEST600031004-01-02	E*01-02	HAMPTON FALLS RIVER (WWTF SZ)	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	No
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHEST600031004-01-03	E*01-03	HAMPTON FALLS RIVER	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	Yes
				Fecal Coliform	4A-M	
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHEST600031004-02-02	E*02-02	TAYLOR RIVER (LOWER)	5-M	Aluminum	5-M	Yes
				Dioxin (including 2,3,7,8-TCDD)	5-M	
				Fecal Coliform	4A-M	
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHEST600031004-02-03	E*02-03	BLIND CREEK WWTF SZ	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	Yes
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHEST600031004-02-05	E*02-05	NUDDS CANAL	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	Yes
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHEST600031004-03-03	E*03-03	TIDE MILL CREEK	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	Yes
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHEST600031004-04-01	E*04-01	HAMPTON RIVER WWTF SZ	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	Yes
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHEST600031004-09-06	E*09-06	HAMPTON/SEABROOK HARBOR - HAMPTON HARBOR BEACH	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	Yes
				Fecal Coliform	4A-P	
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHEST600031004-09-08	E*09-08	HAMPTON RIVER MARINA SZ	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	Yes
				Enterococcus	4A-M	
				Fecal Coliform	4A-P	
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	

Impaired Water Bodies - Hampton, 2016

AUID	AUID Label	Waterbody Name	Impairment Level	Parameter Type	Parameter Level	In MS4
NHEST600031004-09-09	E*09-09	HAMPTON/SEABROOK HARBOR	5-M	Aluminum	5-M	Yes
				DDD	5-M	
				Dieldrin	5-M	
				Dioxin (including 2,3,7,8-TCDD)	5-M	
				Fecal Coliform	4A-P	
				Lindane	5-M	
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
				trans-Nonachlor	5-M	
NHEST600031004-10	E*10	LITTLE RIVER	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	Yes
				Enterococcus	4A-P	
				Fecal Coliform	4A-P	
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHIMP600031003-19	I*19	RICE DAM POND - ON TAYLOR RIVER	5-M	Arsenic	5-M	No
				Barium	5-M	
				Benzo(a)pyrene (PAHs)	5-M	
				Benzo[b]fluoranthene	5-M	
				Benzo[k]fluoranthene	5-M	
				DDE	5-M	
				Indeno[1,2,3-cd]pyrene	5-M	
				Mercury	4A-M	
				Nickel	5-M	
				Zinc	5-M	
NHLAK600031003-02	L*02	TAYLOR RIVER REFUGE POND	5-P	Anthracene	5-M	Yes
				Arsenic	5-M	
				Barium	5-M	
				Benzo(a)pyrene (PAHs)	5-M	
				Benzo[b]fluoranthene	5-M	
				Benzo[k]fluoranthene	5-M	
				DDD	5-M	
				DDE	5-M	
				Dissolved oxygen saturation	5-M	
				Indeno[1,2,3-cd]pyrene	5-M	
				Lead	5-M	
				Mercury	4A-M	
				Mercury	5-M	
				Nickel	5-M	
				Oxygen, Dissolved	5-P	
				Zinc	5-M	
NHOCN000000000-02-10	O*02-10	ATLANTIC OCEAN - HAMPTON BEACH STATE PARK BEACH	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	No
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHOCN000000000-02-12	O*02-12	ATLANTIC OCEAN - NORTH BEACH	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	Yes
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	

Impaired Water Bodies - Hampton, 2016

AUID	AUID Label	Waterbody Name	Impairment Level	Parameter Type	Parameter Level	In MS4
NHOCN000000000-02-13	O*02-13	ATLANTIC OCEAN - NORTHSIDE PARK BEACH	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	Yes
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHOCN000000000-02-17	O*02-17	NORTH BEACH WRACK ZONE	5-P	Dioxin (including 2,3,7,8-TCDD)	5-M	Yes
				Fecal Coliform	5-P	
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHOCN000000000-02-18	O*02-18	ATLANTIC OCEAN	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	Yes
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHOCN000000000-08-01	O*08-01	ATLANTIC OCEAN - SEABROOK WWTP OUTFALL	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	Yes
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHOCN000000000-08-03	O*08-03	ATLANTIC OCEAN - SUN VALLEY BEACH	5-M	Dioxin (including 2,3,7,8-TCDD)	5-M	No
				Mercury	5-M	
				Polychlorinated biphenyls	5-M	
NHRIV600030901-07	R*07	WINNICUT RIVER - UNNAMED BROOK	5-P	Dissolved oxygen saturation	5-M	Yes
				Mercury	4A-M	
				Oxygen, Dissolved	5-P	
				pH	5-M	