

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):

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? <small>(Part II, III, IV or V, Subpart B.3.(b.) of 2003 permit)</small>	<input type="text" value="Yes"/>	Effective Date or Estimated Date of Adoption (MM/DD/YY):	<input type="text" value="05/14/12"/>
Construction/Erosion and Sediment Control (ESC) Authority Adopted? <small>(Part II,III,IV or V, Subpart B.4.(a.) of 2003 permit)</small>	<input type="text" value="Yes"/>	Effective Date or Estimated Date of Adoption (MM/DD/YY):	<input type="text" value="11/01/13"/>
Post- Construction Stormwater Management Adopted? <small>(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)</small>	<input type="text" value="Yes"/>	Effective Date or Estimated Date of Adoption (MM/DD/YY):	<input type="text" value="05/14/12"/>

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
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
Salt Marsh East of Ferry 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"/>	
Wetlands Area West of Rabbit 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"/>	
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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	Brochure will consist of 'how-to-guide' for residents on how rain gardens work and how to install them at their home.	Residents	Greenscapes North Shore Coalition	-Number distributed -Resident testimonials	FY2019
Brochures/Pamphlets	Workshop and associated literature will cover LID options for reducing runoff and promoting on-site infiltration. Pricing, maintenance and ordinances will also be discussed.	Developers (construction)	Greenscapes North Shore Coalition	-Number of attendees -Increase in LID use	FY2019

Brochures/Pamphlets	Brochure will include general info on LIDs that can assist in stormwater management and pollution prevention. Content will be targeted to "environmental contacts" at industrial facilities, or property managers where applicable.	Industrial Facilities	Greenscapes North Shore Coalition	-Number distributed -Phone call followup	FY2020
Workshop	Waterworks presentation will discuss specific BMPs for parking lots; how to reduce impervious surfaces, and maintain the space more sustainably.	Business, Institutions and Commercial Facilities	Greenscapes North Shore Coalition and Planning	-Number of attendees -Number of presentations redistributed to commercial representatives	FY2020
Workshop	Workshop and literature will go into greater detail, following the workshop regarding low impact development held in year one. Town bylaws and associated incentives will be outlined.	Developers (construction)	Greenscapes North Shore Coalition and Planning	-Number of attendees	FY2021

Meeting	Presentation will discuss proper "greenscaping" practices on a business/commercial level. Content will be targeted to property managers and will include salt/sand storage and landscape management.	Business, Institutions and Commercial Facilities	Greenscapes North Shore Coalition and Planning	-Number of attendees	FY2022
Meeting/Presentation	Presentation will discuss proper "greenscaping" practices on an industrial level. Content will be targeted to property managers and will include salt/sand storage and landscape management.	Industrial Facilities	Greenscapes North Shore Coalition	-Number of attendees	FY2022
Meeting/Presentation	Greenscapes NS will conduct a "Greenscapes 101" presentation for residents. Presentation will discuss the importance of clean and plentiful water.	Residents	Greenscapes North Shore Coalition and Planning	-Number of attendees -Resident Testimonials	FY2023

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

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

MCM 2: Public Involvement and Participation

BMP Categorization	Brief BMP Description <small>(enter your own text to override the drop down menu)</small>	Responsible Department/Parties <small>(enter your own text to override the drop down menu)</small>	Additional Description/ Measurable Goal	Beginning Year of BMP Imple- mentation
Public Review	Provide for Public Review of SWMP and Annual Reports	DPW Admin	Allow annual review of stormwater management plan and posting of stormwater management plan on website	FY2019
Public Participation	Participate in Waste Oil Collection	DPW Operations	Continue to conduct a hazardous materials collection day every two years and track amount of material collected.	FY2020
Public Participation	Participate in Paint Collection	DPW Operations	Continue collection of a hazardous materials day every two years basis and track amount of hazardous materials collected.	FY2020
Public Participation	Participate in the Women in Transition/Trial Court/Middleton Inmates/f	DPW Operations	Maintain relationships with organizations and continue year-round cleanup work throughout town.	FY2019
Public Participation	Participate in Recycling Collection	DPW Operations	Continue to collect recyclables at the transfer station.	FY2019
Public Participation	Participate in Yard Waste Collection	DPW Operations	Continue to collect yard waste at the transfer station.	FY2019
Public Participation	Participation in the Merrimack Valley Stormwater Coalition	DPW Operations	Maintain relationship with the organization by attending meetings monthly.	FY2019

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 inventory of where SSOs have discharged over the last five years.	DPW Admin	Complete within 1 year of effective date of permit & update SSO Inventory annually.	FY2019
Storm sewer system map	Update drainage map in accordance with permit conditions and update annually during IDDE program implementation.	DPW Admin	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit. Report on progress annually.	FY2020
Written IDDE program	Create written IDDE program to meet permit conditions.	DPW Admin	Complete within 1 year of the effective date of permit and update as required.	FY2019
Implement IDDE program	Implement catchment investigations according to program and permit conditions.	DPW Admin	Begin within two years of permit effective date, and complete 10 years after effective date of permit. Track annually the number of illicit connections that are identified and removed.	FY2020
Department of Public Works staff training	Train employees on IDDE program components and implementation.	DPW Admin	Provide training to municipal employees annually. Track the number of employees that receive training.	FY2019
Conduct dry weather screening and sampling	Conduct in accordance with outfall screening procedure and permit conditions.	DPW Admin	Complete within 3 years of permit effective date. Track number of outfalls that are screened and sampled annually.	FY2021

<p>Conduct wet weather screening and sampling</p>	<p>Conduct wet weather screening and sampling at outfalls/ interconnections in catchments where System Vulnerability Factors are present in accordance with permit conditions.</p>	<p>DPW Admin</p>	<p>Complete within 10 years of permit effective date. Track number of outfalls that are screened and sampled annually.</p>	<p>FY2022</p>
<p>Ongoing screening</p>	<p>Conduct dry weather and wet weather screening (as necessary)</p>	<p>DPW Admin</p>	<p>Complete ongoing outfall screening upon completion of IDDE investigations.</p>	<p>FY2029</p>
<p>Priority Ranking</p>	<p>Assess and rank the potential for all catchments to have illicit discharges. Identify catchments with System Vulnerability Factors that will necessitate wet weather sampling.</p>	<p>DPW Admin</p>	<p>Complete within 1 year of permit effective date.</p>	<p>FY2019</p>
<p>Follow-Up Ranking</p>	<p>Update catchment prioritization and ranking as dry weather screening information becomes available.</p>	<p>DPW Admin</p>	<p>Complete within 3 years of permit effective date.</p>	<p>FY2021</p>
<p>Catchment Investigation Procedures</p>	<p>Develop written catchment investigation procedures and incorporate into IDDE Plan.</p>	<p>DPW Admin</p>	<p>Complete within 18 months of permit effective date.</p>	<p>FY2019</p>
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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	Update written procedures for site inspections and enforcement that meet permit requirements and begin implementation.	Planning Department/DPW	Complete within 1 year of the effective date of permit. Report on the number of site inspections and enforcement actions annually.	FY2019
Site plan review	Develop written procedures for site plan review that meet permit requirements and begin implementation.	Planning Department/DPW	Complete within 1 year of the effective date of permit. Report on the number of site plan reviews conducted, inspections conducted, and enforcement actions taken annually.	FY2019
Erosion and Sediment Control	The Planning Board Rules and Regulations require sediment and erosion control. Review and update existing regulations as needed to include language that requires construction operators to implement a sediment and erosion control program that includes BMPs that are appropriate for conditions at the construction site.	Planning Department/DPW/Town Attorney	Complete within 1 year of the effective date of permit	FY2019

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 (enter your own text to override the drop down menu or entered text)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP Implementation
As-built plans for on-site stormwater control	Review and update, as needed, the procedures to require submission of as-built drawings and ensure long term operation and maintenance to meet permit requirements.	Planning Department/DPW	Require submission of as-built plans and long term O&M for completed projects. Complete within 2 years of permit effective date.	FY2020
Target & rank properties for BMP retrofitting	Identify at least 5 permittee-owned properties that could be modified or retrofitted with BMPs to reduce frequency, volume, and pollutant loads associated with stormwater discharges, and update annually.	Planning Department/DPW	Complete within 4 years of permit effective date and report annually on retrofitted properties.	FY2022
Allow green infrastructure practices	Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist.	Planning Department/DPW	Complete within 4 years of permit effective date and report annually on retrofitted properties.	FY2022

Street design and parking lot guidelines	Develop a report assessing requirements that affect the creation of impervious cover to determine if design standards for streets and parking lots can be modified to support low impact design options.	Planning Department/DPW	Complete within 4 years of permit effective date and implement recommendations of report.	FY2022
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	Review, and update existing regulations as needed, to meet retention and treatment requirements of the permit, and require compliance with the Stormwater Management Standards.	Planning Department/DPW	Complete within two years of permit effective date.	FY2020

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

Part III: Stormwater Management Program Summary (continued)

MCM 6: Municipal Good Housekeeping and Pollution Prevention

BMP Categorization (enter your own text to override the drop down menu or entered text)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP Implementation
O&M procedures	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 Operations	Complete and implement within 2 years of permit effective date.	FY2020
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	DPW Operations	Complete within 2 years of permit effective date and update annually.	FY2020
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	DPW Operations	Complete within two years of permit effective date.	FY2020
Stormwater Pollution Prevention Plan (SWPPP) Development, Inspections, and Training	Create a SWPPP for the DPW Facility on Lafayette Road and other waste-handling facilities as needed.	DPW Operations	Complete and implement 2 years after effective date of permit, and provide training annually thereafter. Track number of employees trained annually.	FY2020
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.	DPW Operations	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material removed annually.	FY2019

Street sweeping program	Sweep all streets and permittee-owned parking lots in accordance with permit conditions.	DPW Operations	Sweep all streets and permittee-owned parking lots once per year in the spring.	FY2019
Road salt use optimization program	Establish and implement a program to minimize the use of road salt.	DPW Operations	Implement salt use optimization during deicing season.	FY2019
Inspection and maintenance of stormwater treatment structures	Establish and implement inspection and maintenance procedures and frequencies.	DPW Operations	Inspect all stormwater treatment structures annually. Conduct maintenance as necessary. Track number of structures inspected and maintained annually.	FY2019
Catch basin cleaning optimization	Develop and implement a plan to optimize inspection, cleaning, and maintenance of catch basins to ensure that permit conditions are met.	DPW Operations	Complete within two years of permit effective date.	FY2020

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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.

Through initial consultation with the US Fish & Wildlife, it was determined that threatened species within Salisbury include the northern long-eared bat, the piping plover, and the red knot; and endangered species include the roseate tern. The Town further consulted with US Fish & Wildlife per Appendix C as part of the endangered species determination, and received follow-up correspondence confirming the determination of Criterion B. This letter dated September 24, 2018 has been appended to this Notice of Intent. US Fish & Wildlife concurs that actions currently proposed within this Notice of Intent are not likely to adversely impact the species listed. As structural Best Management Practices are constructed in the future, the Town will re-initiate consultation with US Fish & Wildlife prior to construction activities.

The Town's outfall mapping is estimated to be 95% complete. The Town estimates that there are at least a few additional outfalls that still need to be mapped. As the Town works to update their drainage mapping in Year 1, the Town will conduct additional field reconnaissance to locate any additional outfalls that may not be mapped. The Town's map of outfalls and receiving waters does depict some outfalls that are associated with drainage infrastructure on state roadways, and are therefore not under the Town's jurisdiction. These outfalls are noted differently on the map.

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 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.

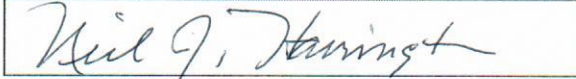
Name:

Neil Harrington

Title:

Town Manager

Signature:



Date:

9/28/18

[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



United States Department of the Interior



FISH AND WILDLIFE SERVICE

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

September 24, 2018

To whom it may concern:

The U.S. Fish and Wildlife Service (USFWS) reviewed the stormwater discharge activities associated with the 2016 National Pollutant Discharge and Elimination System (NPDES) Massachusetts (MA) Small Municipal Separate Storm Sewer System (MS4) general permit (MA MS4 General Permit) issued by the Environmental Protection Agency (EPA). We determined those activities may affect, but are not likely to adversely affect, certain species listed under the Endangered Species Act (ESA) of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) when specific conditions are met. When these conditions are met, we do not need to review individual projects. These comments are provided in accordance with section 7 of the ESA and complement existing 2016 MA MS4 General Permit Appendix C Guidance. We understand the applicant is acting as a non-Federal representative of the EPA for the purpose of consultation under section 7. **This letter provides additional guidance for meeting Criterion B and should be submitted as part of your application package to the EPA.**

If the USFWS Information for Planning and Consultation website (<https://ecos.fws.gov/ipac/>) indicates your MA MS4 General Permit project action area may contain one or more of the following federally listed endangered species: roseate tern (*Sterna dougallii*), northern red-bellied cooter (*Pseudemys rubriventris*), dwarf wedgemussel (*Alasmidonta heterodon*), rusty patched bumble bee (*Bombus affinis*), northeastern bulrush (*Scirpus ancistrochaetus*), or American chaffseed (*Schwalbea americana*); threatened species: piping plover (*Charadrius melodus*), bog turtle (*Glyptemys muhlenbergii*), Puritan tiger beetle (*Cicindela puritana*), northeastern beach tiger beetle (*Cicindela dorsalis*), or red knot (*Calidris canutus rufa*); or their federally designated critical habitat; and the specific conditions listed below are met, you may submit this letter to complete the **MA MS4 General Permit Appendix C: Step 4** in place of a concurrence letter for informal consultation as documentation of ESA eligibility for **USFWS Criterion B**.

In addition, this letter also satisfies the requirement in the **MA MS4 General Permit Appendix C: Step 2 (3)** to contact the USFWS and obtain a concurrence letter, if you have not yet done so. If your project action area includes one or more of the above-listed species *and* one or more of the

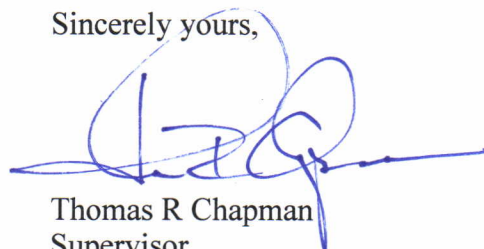
species listed under **Criterion C**,¹ you may still use this letter to certify under **Criterion B**. All existing guidance regarding requirements for certifying eligibility according to the USFWS Criterion A, B, or C for coverage by the 2016 MS4 Permit (see MA MS4 General Permit Appendix C – Endangered Species Guidance) remains unchanged.

We have determined that proposed stormwater discharge activities covered under the 2016 MS4 Permit *may affect, but are not likely to adversely affect*, the above-listed species and the species' critical habitat when the following are true:

1. all stormwater discharges are pre-existing or previously permitted by EPA;
2. any planned operations and maintenance work covered by this permit will only affect previously disturbed areas where stormwater controls are already installed. In these situations the chance of encountering any of the subject species is discountable;
3. the project implements EPA MS4 Best Management Practices (BMPs) and meets Clean Water Act and Massachusetts Water Quality Standards. Although permitted discharges may reach the environment used by these species, BMPs reduce pollutants to the extent that discharges are not known to have measurable impacts on these species or their habitat;
4. no new construction or structural BMPs are proposed under this permit at this time; and
5. you agree that if, during the course of the permit term, you plan to install a structural BMP not identified in the Notice of Intent (NOI), you will re-initiate consultation with the USFWS as necessary (see **MA MS4 General Permit Appendix C: Step 2 (5)**).

If the above criteria are met, further consultation with the USFWS under section 7 of the ESA is not required at this time; however, if the proposed action changes in any way such that it may affect a listed species in a manner not previously analyzed or if new information reveals the presence of additional listed species that may be affected by the project, the applicant or the EPA should contact us immediately and suspend activities that may affect those species until the appropriate level of consultation is completed with our office. Thank you for your cooperation, and please contact David Simmons of this office at (603) 227-6425 if you have questions or need further assistance.

Sincerely yours,



Thomas R Chapman
Supervisor
New England Field Office

¹ Criterion C includes guidance for project action areas that may contain species for which EPA has already made a determination. These species include the northern long-eared bat (*Myotis septentrionalis*), sandplain gerardia (*Agalinis acuta*), small whorled pogonia (*Isotria medeoloides*), and/or American burying beetle (*Nicrophorus americanus*) (MA MS4 General Permit Appendix C: Step 3 – Determine if You Can Meet Eligibility USFWS Criterion C).