

Part I: General Conditions

General Information

Name of Municipality or Organization: State:

EPA NPDES Permit Number (if applicable):

Primary MS4 Program Manager Contact Information

Name: Title:

Street Address Line 1:

Street Address Line 2:

City: State: Zip Code:

Email: Phone Number:

Fax Number:

Other Information

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed):

Eligibility Determination

Endangered Species Act (ESA) Determination Complete? Eligibility Criteria (check all that apply): A B C

National Historic Preservation Act (NHPA) Determination Complete? Eligibility Criteria (check all that apply): A B C

Check the box if your municipality or organization was covered under the 2003 MS4 General Permit

MS4 Infrastructure (if covered under the 2003 permit)

Estimated Percent of Outfall Map Complete? If 100% of 2003 requirements not met, enter an estimated date of completion (MM/DD/YY):
(Part II, III, IV or V, Subpart B.3.(a.) of 2003 permit)

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

Construction/Erosion and Sediment Control (ESC) Authority Adopted? Effective Date or Estimated Date of Adoption (MM/DD/YY):
(Part II, III, IV or V, Subpart B.4.(a.) of 2003 permit)

Post- Construction Stormwater Management Adopted? Effective Date or Estimated Date of Adoption (MM/DD/YY):
(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)

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
Displays/Posters/Kiosks	Display posters describing Nonpoint Source Pollution including its definition, common sources, environmental impacts, and mitigation methods.	Residents	DPW Operations / Conservation Commission	Maintain posters in all municipal buildings and update information as necessary.	2019
Brochures/Pamphlets	Distribute brochures to affected businesses and facilities regarding Nonpoint Source Pollution. Include information on potential sources, local regulations, and mitigation methods.	Businesses, Institutions and Commercial Facilities	DPW Operations	Distribute brochures annually and update information as necessary.	2019
Displays/Posters/Kiosks	Display posters describing municipal requirements for construction phase and post-development stormwater management and pollution prevention.	Developers (construction)	DPW Operations / Planning Board	Display posters in municipal buildings and distribute copies to developers to be displayed on site.	2019

Brochures/Pamphlets	Develop and distribute Nonpoint Source Pollution and waste oil information brochure.	Industrial Facilities	DPW Operations	Distribute annually to all affected businesses / facilities and update information as needed.	2019
Special Events/Festivals/Fairs	Operate a table distributing Nonpoint Source Pollution and stormwater management information at the "Seekonk Meadows Summer Kickoff Celebration".	Residents	Conservation Committee	Distribute Nonpoint source Pollution and stormwater brochures to festival attendees. Update information on brochure annually.	2019
Web Page	Develop and Maintain a "Stormwater Information" Web Page containing information on Nonpoint Source Pollution, Stormwater Management, Seekonk's "Adopt-A-Drain" Program, relevant links to Federal and State Agencies, and tips on reducing stormwater impacts and pollution.	Residents / Businesses, Institutions and Commercial Facilities	Conservation Committee / Planning Board / DPW Operations	Maintain the Web Page, update information and links as needed.	2018

<p>Meeting</p>	<p>Host bi-monthly "Stormwater Information" Meetings to aid in educating residents, developers, and businesses on municipal, state, and federal stormwater management standards and regulations. The meeting will provide an opportunity for interested parties to discuss stormwater management and Nonpoint Source Pollution with municipal officials.</p>	<p>Residents / Developers (construction) / Businesses, Institutions and Commercial Facilities / Industrial Facilities</p>	<p>DPW Operations / Conservation Commission / Planning Board</p>	<p>Within 2 years of permit effective date begin hosting bi-monthly meetings, advertised at Seekonk Town Hall, on the Town of Seekonk Web Site, and on Local Cable Access. Invite residents with questions or concerns regarding stormwater or Nonpoint Source Pollution, developers, and local industries or business owners. Invite guest speakers from Municipal Boards / Departments as well as state and federal agencies.</p>	<p>2019</p>
----------------	--	---	--	---	-------------

Brochures/Pamphlets	Develop a brochure / other educational materials to be distributed to dog owners at the time of issuance or renewal of a dog license, or other appropriate time. The brochure will describe detrimental impacts of improper management of pet waste, requirements for waste collection and disposal, and penalties for noncompliance. This BMP has been included pursuant to the requirements in Parts B.III & A.III of Appendix F - Bacteria and Pathogen TMDL Requirements as well as Part III of Appendix H.	Residents (Dog Owners)	DPW Operations / Conservation Commission / Animal Control	Design and begin distributing brochure within 2 years of permit effective date.	2018
---------------------	---	------------------------	---	---	------

<p>Local Public Service Announcements</p>	<p>Develop an annual message to be broadcast on local cable access, published in a local newspaper, and posted on the Town's Stormwater web page describing detrimental impacts of improper management of pet waste, requirements for waste collection and disposal, and penalties for noncompliance. This Enhanced BMP has been included pursuant to the requirements in Part B.III of Appendix F. - Bacteria and Pathogen TMDL Requirements. This message shall also serve as the summer (June / July) time-frame public message encouraging the proper management of pet waste required by Appendix F - Part B.II and Appendix H - Part II.</p>	<p>Residents (Pet Owners)</p>	<p>DPW Operation / Conservation Commission / Animal Control</p>	<p>Begin airing / publishing annual message within 2 years of permit effective date.</p>	<p>2018</p>
---	--	-------------------------------	---	--	-------------

<p>Brochures/Pamphlets</p>	<p>Develop a brochure / other educational materials to be distributed to the owners of septic systems. The brochure will describe proper maintenance for septic systems in catchments that discharge to a water body impaired by bacteria or pathogens. This Enhanced BMP has been included pursuant to the requirements in Part B.III of Appendix F - Bacteria and Pathogen TMDL Requirements.</p>	<p>Residents (Operators of Septic System)</p>	<p>DPW Operations / Conservation Commission / Board of Health</p>	<p>Begin distributing brochure / educational materials within 2 years of permit effective date</p>	<p>2018</p>
----------------------------	---	---	---	--	-------------

<p>Local Public Service Announcements</p>	<p>Distribute annual messages in the spring (March/April) time frame that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release and phosphorous -free fertilizers, the summer (June/July) time frame encouraging proper management of pet waste, and the fall (August/September/October) time frame encouraging the proper disposal of leaf litter. This enhanced BMP has been included pursuant to requirements in Part B.III of Appendix F as well as Part II of Appendix H. The required summer timeframe message will be combined with the annual pet waste management message requirement detailed in Appendix F - Part B.III and Appendix H Part III.</p>	<p>Residents</p>	<p>DPW Operations / Conservation Commission / Board of Health</p>	<p>Begin airing / publishing annual messages within 2 years of permit effective date.</p>	<p>2018</p>

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 (enter your own text to override the drop down menu)	Responsible Department/Parties (enter your own text to override the drop down menu)	Additional Description/ Measurable Goal	Beginning Year of BMP Imple- mentation
Public Review	SWMP Review	DPW Operations / Planning Board / Conservation Commission	Allow annual review of stormwater management plan and posting of stormwater management plan on website	2019
Public Participation	Public Meeting - Stormwater	DPW Operations / Planning Board / Conservation Commission	Allow public to comment on stormwater management plan annually	2019
Public Participation	Adopt-a-Drain Program	DPW Operations	The DPW will continue to oversee the "Adopt-A-Drain" program in which residents are given the opportunity to monitor a storm drain near their property in exchange for a roll of Seekonk Trash Bags. Residents who participate are expected to keep their adopted drain clear of debris. The DPW will continue to inspect adopted drains to ensure they are being properly maintained.	2017

Public Participation	Catch Basin Stenciling/Markers	DPW Operations	The DPW will sponsor an annual Catch Basin Stenciling / Marking event for the public to participate in. Residents will be invited to join in the stenciling of storm drains with simple phrases or symbols indicating they drain to water resources (streams, rivers, ponds, etc.). The details of the stencil as well as the drains to be included in the event will be determined annually by the DPW. The event will begin within 2 years of the permit effective date.	2019
Public Participation	Cleanups - Roadside/General	DPW Operations / Conservation Commission	The DPW and Conservation Commission will continue to host an Earth Day Cleanup Event in which residents are encouraged to volunteer in the removal of roadside debris, especially in areas adjacent to wetlands, waterways, and storm drains.	2017
Public Participation	Household haz. waste/used oil collection	DPW Operations / Board of Health	The DPW will continue to sponsor an annual Hazardous Waste / Waste Oil Collection event. The event has been successful in the past with 128 participants in 2017 dropping off materials such as fluorescent bulbs, batteries, and propane tanks.	2017

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

Part III: Stormwater Management Program Summary (continued)

MCM 3: Illicit Discharge Detection and Elimination (IDDE)

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

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

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

MCM 4: Construction Site Stormwater Runoff Control

BMP Categorization (enter your own text to override the drop down menu or entered text)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP Implementation
Site inspection and enforcement of Erosion and Sediment Control (ESC) measures	Complete written procedures of site inspections and enforcement procedures	Planning Board	Complete within 1 year of the effective date of permit	2018
Site plan review	Complete written procedures of site plan review and begin implementation	Planning Board	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	Planning Board	Complete within 1 year of the effective date of permit	2018
Waste Control	Adoption of requirements to control wastes, including but not limited to, discarded building materials, concrete truck wash out, chemicals, litter, and sanitary wastes	DPW Operations	Complete within 1 year of the effective date of permit	2018

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

Part III: Stormwater Management Program Summary (continued)

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

BMP Categorization (enter your own text to override the drop down menu or entered text)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP Implementation
As-built plans for on-site stormwater control	The procedures to require submission of as-built drawings and ensure long term operation and maintenance will be a part of the SWMP	Planning Board	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	Planning Board / DPW Operations / Conservation Commission	Complete 4 years after effective date of permit and report annually on retrofitted properties	2018
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	Planning Board / DPW Operations / Conservation Commission	Complete 4 years after effective date of permit and implement recommendations of report	2018
Street design and parking lot guidelines	Develop a report assessing requirements that affect the creation of impervious cover. The assessment will help determine if changes to design standards for streets and parking lots can be modified to support low impact design options.	Planning Board	Complete 4 years after effective date of permit and implement recommendations of report	2018

<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>Planning Board</p>	<p>Complete 2 years after effective date of permit</p>	<p>2018</p>
<p>Post-Construction Regulations - Phosphorous Control</p>	<p>The Town of Seekonk shall adopt or amend an ordinance or regulatory mechanism requiring that new development and redevelopment stormwater BMPs be optimized for phosphorous removal; retrofit inventory and priority ranking under 2.3.6.1.b shall include consideration of BMPs that infiltrate stormwater where feasible.</p>	<p>Planning Board</p>	<p>Adopt or amend ordinance or regulatory mechanism 4 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

BMP Categorization <small>(enter your own text to override the drop down menu or entered text)</small>	BMP Description	Responsible Department/Parties <small>(enter your own text to override the drop down menu)</small>	Measurable Goal <small>(all text can be overwritten)</small>	Beginning Year of BMP Implementation
O&M procedures	Create written O&M procedures including all requirements contained in 2.3.7.a.ii for parks and open spaces, buildings and facilities, and vehicles and equipment	DPW Operations / Planning Board	Complete and implement 2 years after effective date of permit	2018
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	DPW Operations / Planning Board	Complete 2 years after effective date of permit and implement annually	2018
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	DPW Operations	Complete 2 years after effective date of permit	2018
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	DPW Operations / Planning Board	Complete and implement 2 years after effective date of permit	2018
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 moved annually	2018
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	2018
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	2018

<p>Inspections and maintenance of stormwater treatment structures</p>	<p>Establish and implement inspection and maintenance procedures and frequencies</p>	<p>DPW Operations</p>	<p>Inspect and maintain treatment structures at least annually</p>	<p>2018</p>
<p>Source Control</p>	<p>Establish program to properly manage grass cutting and leaf litter on permittee property, including prohibiting blowing organic waste materials onto adjacent impervious surfaces; increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.a.iii (c) to a minimum of two times per year, once in the spring (following winter activities such as sanding) and at least once in the fall (Sept 1 - Dec 1; following leaf fall).</p>	<p>DPW Operations / Conservation Commission</p>	<p>Implement source control program and train employees annually. Adjust sweeping frequency as needed.</p>	<p>2018</p>

<p>Source Control</p>	<p>Increase street sweeping frequency of all municipal owned streets and parking lots to a schedule determined by the permittee to target areas with potential for high pollutant loads. This may include, but is not limited to, increased street sweeping frequency in commercial areas and high density residential areas or drainage areas with a large amount of impervious area. Prioritize inspection and maintenance for catch basins to ensure that no sump shall be more than 50 percent fill. Clean catch basins more frequently if inspection and maintenance activities indicate excessive sediment or debris loadings. Each annual report shall include the street sweeping schedule determined by the permittee to target high pollutant loads. This Enhanced BMP has been adopted pursuant to the requirements in Part B.IV of Appendix F.</p>	<p>DPW Operations</p>	<p>Implement source control program and train employees annually. Adjust sweeping, inspection, and cleaning schedule as necessary.</p>	<p>2018</p>

--

--

--

--

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.

As of the submission of this Notice of Intent (October 1, 2018) the Town of Seekonk has located and mapped approximately 90% of the structures (outfalls, catch basins, manholes, etc.) that comprise its MS4 system. The Town has located and mapped approximately 70% (135) of the outfalls within its system. The Town expects to complete its structure locating and mapping activities by June 30, 2018.

The Town of Seekonk completed the US Fish and Wildlife IPaC process to identify endangered species within its municipal boundaries. This process indicated that the only species that may be present in Seekonk is the Northern Long-eared Bat (*Myotis septentrionalis*). The Town of Seekonk is certifying compliance with the Endangered Species Act under Criterion C as the Town's planned actions under the permit will have no effect on the Northern Long-eared Bat. The Town of Seekonk will consult with US Fish and Wildlife as needed during the permit term on any future BMPs.

The Town of Seekonk is not proposing any new construction under the MS4 permit that will affect historic properties and is certifying compliance with the Historic Preservation Act requirements under Criterion A.

Part V: Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name:

Title:

Signature: Digitally signed by David Cabral
Date: 2018.10.01 14:16:18 -04'00'

Date:

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

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



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
Phone: (603) 223-2541 Fax: (603) 223-0104
<http://www.fws.gov/newengland>

In Reply Refer To:

September 18, 2018

Consultation Code: 05E1NE00-2018-SLI-3118

Event Code: 05E1NE00-2018-E-07329

Project Name: Seekonk, MA - Final 2016 MS4 Permit - ESA Determination

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New England Ecological Services Field Office

70 Commercial Street, Suite 300

Concord, NH 03301-5094

(603) 223-2541

Project Summary

Consultation Code: 05E1NE00-2018-SLI-3118

Event Code: 05E1NE00-2018-E-07329

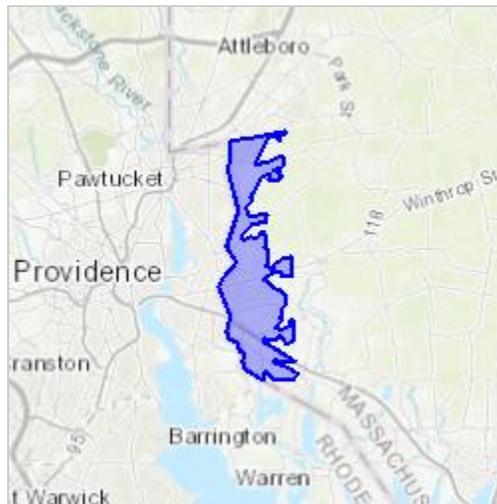
Project Name: Seekonk, MA - Final 2016 MS4 Permit - ESA Determination

Project Type: Guidance

Project Description: Endangered Species Act (ESA) Determination Research for the urbanized portions of Seekonk, MA that are eligible for coverage under the Final 2016 MS4 Permit.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/41.839361394848325N71.32564175273228W>



Counties: Bristol, MA | Bristol, RI | Providence, RI

Endangered Species Act Species

There is a total of 1 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

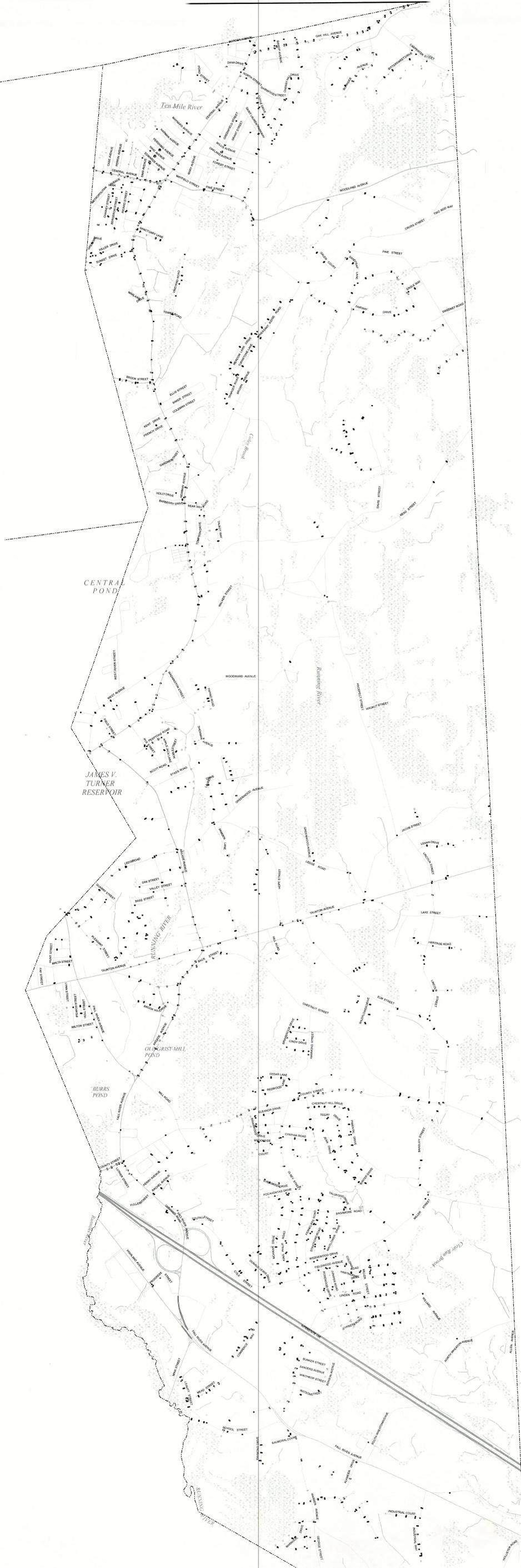
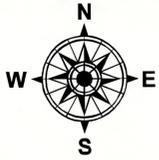
-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.



Legend

- Town Boundaries
- Stormwater**
 - Outfall
 - Drain Manhole
 - Catch Basin
- Basemap**
- Roads (By Classification)**
 - Limited Access Highway
 - Multi-lane Hwy, not limited access
 - Other Numbered Highway
 - Major Road, Collector
 - Minor Road, Arterial
- DEP Wetlands (1:12,000)**
 - Hydrologic Connection
 - Marsh/Bog
 - Wooded marsh
 - Salt Marsh
 - Open Water
- Regulated Area 2000 (Urbanized Area)
Based on 2000 Census Bureau data



FIGURE 1
TOWN OF SEEKONK, MASSACHUSETTS
PHASE II STORMWATER

STORMWATER STRUCTURE
MAPPING STATUS

AUGUST, 2010 SCALE: NOTED

Weston & Sampson

Data Source:
 GPS Data acquired by Weston & Sampson using a Trimble ProXH GPS Receiver
 Basemap data provided courtesy of the Office of Geographic and Environmental Information (MassGIS), Commonwealth of Massachusetts Executive Office of Environmental Affairs

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.

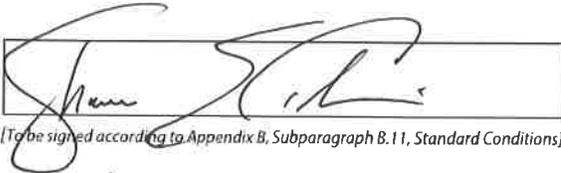
Name:

Shawn E. Cadime

Title:

Town Administrator

Signature:



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

Date:

03/20/19

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

Part I: General Conditions

General Information

Name of Municipality or Organization: State:

EPA NPDES Permit Number (if applicable):

Primary MS4 Program Manager Contact Information

Name: Title:

Street Address Line 1:

Street Address Line 2:

City: State: Zip Code:

Email: Phone Number:

Fax Number:

Other Information

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed):

Eligibility Determination

Endangered Species Act (ESA) Determination Complete? Eligibility Criteria (check all that apply): A B C

National Historic Preservation Act (NHPA) Determination Complete? Eligibility Criteria (check all that apply): A B C

Check the box if your municipality or organization was covered under the 2003 MS4 General Permit

MS4 Infrastructure (if covered under the 2003 permit)

Estimated Percent of Outfall Map Complete? If 100% of 2003 requirements not met, enter an estimated date of completion (MM/DD/YY):
(Part II, III, IV or V, Subpart B.3.(a.) of 2003 permit)

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

Construction/Erosion and Sediment Control (ESC) Authority Adopted? Effective Date or Estimated Date of Adoption (MM/DD/YY):
(Part II, III, IV or V, Subpart B.4.(a.) of 2003 permit)

Post- Construction Stormwater Management Adopted? Effective Date or Estimated Date of Adoption (MM/DD/YY):
(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)

		<input type="checkbox"/>									
		<input type="checkbox"/>									

Click to lengthen table

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

Part III: Stormwater Management Program Summary

Identify the Best Management Practices (BMPs) that will be employed to address each of the six Minimum Control Measures (MCMs). For municipalities/organizations whose MS4 discharges into a receiving water with an approved Total Maximum Daily Load (TMDL) and an applicable waste load allocation (WLA), identify any additional BMPs employed to specifically support the achievement of the WLA in the TMDL section at the end of part III.

For each MCM, list each existing or proposed BMP by category and provide a brief description, responsible parties/departments, measurable goals, and the year the BMP will be employed (public education and outreach BMPs also requires a target audience). **Use the drop-down menus in each table or enter your own text to override the drop down menu.**

MCM 1: Public Education and Outreach

BMP Media/Category (enter your own text to override the drop down menu)	BMP Description	Targeted Audience	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal	Beginning Year of BMP Implementation
Displays/Posters/Kiosks	Display posters describing Nonpoint Source Pollution including its definition, common sources, environmental impacts, and mitigation methods.	Residents	DPW Operations / Conservation Commission	Maintain posters in all municipal buildings and update information as necessary.	2019
Brochures/Pamphlets	Distribute brochures to affected businesses and facilities regarding Nonpoint Source Pollution. Include information on potential sources, local regulations, and mitigation methods.	Businesses, Institutions and Commercial Facilities	DPW Operations	Distribute brochures annually and update information as necessary.	2019
Displays/Posters/Kiosks	Display posters describing municipal requirements for construction phase and post-development stormwater management and pollution prevention.	Developers (construction)	DPW Operations / Planning Board	Display posters in municipal buildings and distribute copies to developers to be displayed on site.	2019

Brochures/Pamphlets	Develop and distribute Nonpoint Source Pollution and waste oil information brochure.	Industrial Facilities	DPW Operations	Distribute annually to all affected businesses / facilities and update information as needed.	2019
Special Events/Festivals/Fairs	Operate a table distributing Nonpoint Source Pollution and stormwater management information at the "Seekonk Meadows Summer Kickoff Celebration".	Residents	Conservation Committee	Distribute Nonpoint source Pollution and stormwater brochures to festival attendees. Update information on brochure annually.	2019
Web Page	Develop and Maintain a "Stormwater Information" Web Page containing information on Nonpoint Source Pollution, Stormwater Management, Seekonk's "Adopt-A-Drain" Program, relevant links to Federal and State Agencies, and tips on reducing stormwater impacts and pollution.	Residents / Businesses, Institutions and Commercial Facilities	Conservation Committee / Planning Board / DPW Operations	Maintain the Web Page, update information and links as needed.	2018

<p>Meeting</p>	<p>Host bi-monthly "Stormwater Information" Meetings to aid in educating residents, developers, and businesses on municipal, state, and federal stormwater management standards and regulations. The meeting will provide an opportunity for interested parties to discuss stormwater management and Nonpoint Source Pollution with municipal officials.</p>	<p>Residents / Developers (construction) / Businesses, Institutions and Commercial Facilities / Industrial Facilities</p>	<p>DPW Operations / Conservation Commission / Planning Board</p>	<p>Within 2 years of permit effective date begin hosting bi-monthly meetings, advertised at Seekonk Town Hall, on the Town of Seekonk Web Site, and on Local Cable Access. Invite residents with questions or concerns regarding stormwater or Nonpoint Source Pollution, developers, and local industries or business owners. Invite guest speakers from Municipal Boards / Departments as well as state and federal agencies.</p>	<p>2019</p>
----------------	--	---	--	---	-------------

<p>Brochures/Pamphlets</p>	<p>Develop a brochure / other educational materials to be distributed to dog owners at the time of issuance or renewal of a dog license, or other appropriate time. The brochure will describe detrimental impacts of improper management of pet waste, requirements for waste collection and disposal, and penalties for noncompliance. This BMP has been included pursuant to the requirements in Parts B.III & A.III of Appendix F - Bacteria and Pathogen TMDL Requirements as well as Part III of Appendix H.</p>	<p>Residents (Dog Owners)</p>	<p>DPW Operations / Conservation Commission / Animal Control</p>	<p>Design and begin distributing brochure within 2 years of permit effective date.</p>	<p>2018</p>
----------------------------	--	-------------------------------	--	--	-------------

<p>Local Public Service Announcements</p>	<p>Develop an annual message to be broadcast on local cable access, published in a local newspaper, and posted on the Town's Stormwater web page describing detrimental impacts of improper management of pet waste, requirements for waste collection and disposal, and penalties for noncompliance. This Enhanced BMP has been included pursuant to the requirements in Part B.III of Appendix F. - Bacteria and Pathogen TMDL Requirements. This message shall also serve as the summer (June / July) time-frame public message encouraging the proper management of pet waste required by Appendix F - Part B.II and Appendix H - Part II.</p>	<p>Residents (Pet Owners)</p>	<p>DPW Operation / Conservation Commission / Animal Control</p>	<p>Begin airing / publishing annual message within 2 years of permit effective date.</p>	<p>2018</p>
---	--	-------------------------------	---	--	-------------

<p>Brochures/Pamphlets</p>	<p>Develop a brochure / other educational materials to be distributed to the owners of septic systems. The brochure will describe proper maintenance for septic systems in catchments that discharge to a water body impaired by bacteria or pathogens. This Enhanced BMP has been included pursuant to the requirements in Part B.III of Appendix F - Bacteria and Pathogen TMDL Requirements.</p>	<p>Residents (Operators of Septic System)</p>	<p>DPW Operations / Conservation Commission / Board of Health</p>	<p>Begin distributing brochure / educational materials within 2 years of permit effective date</p>	<p>2018</p>
----------------------------	---	---	---	--	-------------

<p>Local Public Service Announcements</p>	<p>Distribute annual messages in the spring (March/April) time frame that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release and phosphorous -free fertilizers, the summer (June/July) time frame encouraging proper management of pet waste, and the fall (August/September/October) time frame encouraging the proper disposal of leaf litter. This enhanced BMP has been included pursuant to requirements in Part B.III of Appendix F as well as Part II of Appendix H. The required summer timeframe message will be combined with the annual pet waste management message requirement detailed in Appendix F - Part B.III and Appendix H Part III.</p>	<p>Residents</p>	<p>DPW Operations / Conservation Commission / Board of Health</p>	<p>Begin airing / publishing annual messages within 2 years of permit effective date.</p>	<p>2018</p>

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	SWMP Review	DPW Operations / Planning Board / Conservation Commission	Allow annual review of stormwater management plan and posting of stormwater management plan on website	2019
Public Participation	Public Meeting - Stormwater	DPW Operations / Planning Board / Conservation Commission	Allow public to comment on stormwater management plan annually	2019
Public Participation	Adopt-a-Drain Program	DPW Operations	The DPW will continue to oversee the "Adopt-A-Drain" program in which residents are given the opportunity to monitor a storm drain near their property in exchange for a roll of Seekonk Trash Bags. Residents who participate are expected to keep their adopted drain clear of debris. The DPW will continue to inspect adopted drains to ensure they are being properly maintained.	2017

Public Participation	Catch Basin Stenciling/Markers	DPW Operations	The DPW will sponsor an annual Catch Basin Stenciling / Marking event for the public to participate in. Residents will be invited to join in the stenciling of storm drains with simple phrases or symbols indicating they drain to water resources (streams, rivers, ponds, etc.). The details of the stencil as well as the drains to be included in the event will be determined annually by the DPW. The event will begin within 2 years of the permit effective date.	2019
Public Participation	Cleanups - Roadside/General	DPW Operations / Conservation Commission	The DPW and Conservation Commission will continue to host an Earth Day Cleanup Event in which residents are encouraged to volunteer in the removal of roadside debris, especially in areas adjacent to wetlands, waterways, and storm drains.	2017
Public Participation	Household haz. waste/used oil collection	DPW Operations / Board of Health	The DPW will continue to sponsor an annual Hazardous Waste / Waste Oil Collection event. The event has been successful in the past with 128 participants in 2017 dropping off materials such as fluorescent bulbs, batteries, and propane tanks.	2017

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

Part III: Stormwater Management Program Summary (continued)

MCM 3: Illicit Discharge Detection and Elimination (IDDE)

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

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

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

MCM 4: Construction Site Stormwater Runoff Control

BMP Categorization (enter your own text to override the drop down menu or entered text)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP Implementation
Site inspection and enforcement of Erosion and Sediment Control (ESC) measures	Complete written procedures of site inspections and enforcement procedures	Planning Board	Complete within 1 year of the effective date of permit	2018
Site plan review	Complete written procedures of site plan review and begin implementation	Planning Board	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	Planning Board	Complete within 1 year of the effective date of permit	2018
Waste Control	Adoption of requirements to control wastes, including but not limited to, discarded building materials, concrete truck wash out, chemicals, litter, and sanitary wastes	DPW Operations	Complete within 1 year of the effective date of permit	2018

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

Part III: Stormwater Management Program Summary (continued)

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

BMP Categorization <small>(enter your own text to override the drop down menu or entered text)</small>	BMP Description	Responsible Department/Parties <small>(enter your own text to override the drop down menu)</small>	Measurable Goal <small>(all text can be overwritten)</small>	Beginning Year of BMP Implementation
As-built plans for on-site stormwater control	The procedures to require submission of as-built drawings and ensure long term operation and maintenance will be a part of the SWMP	Planning Board	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	Planning Board / DPW Operations / Conservation Commission	Complete 4 years after effective date of permit and report annually on retrofitted properties	2018
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	Planning Board / DPW Operations / Conservation Commission	Complete 4 years after effective date of permit and implement recommendations of report	2018
Street design and parking lot guidelines	Develop a report assessing requirements that affect the creation of impervious cover. The assessment will help determine if changes to design standards for streets and parking lots can be modified to support low impact design options.	Planning Board	Complete 4 years after effective date of permit and implement recommendations of report	2018

<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>Planning Board</p>	<p>Complete 2 years after effective date of permit</p>	<p>2018</p>
<p>Post-Construction Regulations - Phosphorous Control</p>	<p>The Town of Seekonk shall adopt or amend an ordinance or regulatory mechanism requiring that new development and redevelopment stormwater BMPs be optimized for phosphorous removal; retrofit inventory and priority ranking under 2.3.6.1.b shall include consideration of BMPs that infiltrate stormwater where feasible.</p>	<p>Planning Board</p>	<p>Adopt or amend ordinance or regulatory mechanism 4 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

BMP Categorization <small>(enter your own text to override the drop down menu or entered text)</small>	BMP Description	Responsible Department/Parties <small>(enter your own text to override the drop down menu)</small>	Measurable Goal <small>(all text can be overwritten)</small>	Beginning Year of BMP Implementation
O&M procedures	Create written O&M procedures including all requirements contained in 2.3.7.a.ii for parks and open spaces, buildings and facilities, and vehicles and equipment	DPW Operations / Planning Board	Complete and implement 2 years after effective date of permit	2018
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	DPW Operations / Planning Board	Complete 2 years after effective date of permit and implement annually	2018
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	DPW Operations	Complete 2 years after effective date of permit	2018
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	DPW Operations / Planning Board	Complete and implement 2 years after effective date of permit	2018
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 moved annually	2018
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	2018
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	2018

<p>Inspections and maintenance of stormwater treatment structures</p>	<p>Establish and implement inspection and maintenance procedures and frequencies</p>	<p>DPW Operations</p>	<p>Inspect and maintain treatment structures at least annually</p>	<p>2018</p>
<p>Source Control</p>	<p>Establish program to properly manage grass cutting and leaf litter on permittee property, including prohibiting blowing organic waste materials onto adjacent impervious surfaces; increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.a.iii (c) to a minimum of two times per year, once in the spring (following winter activities such as sanding) and at least once in the fall (Sept 1 - Dec 1; following leaf fall).</p>	<p>DPW Operations / Conservation Commission</p>	<p>Implement source control program and train employees annually. Adjust sweeping frequency as needed.</p>	<p>2018</p>

<p>Source Control</p>	<p>Increase street sweeping frequency of all municipal owned streets and parking lots to a schedule determined by the permittee to target areas with potential for high pollutant loads. This may include, but is not limited to, increased street sweeping frequency in commercial areas and high density residential areas or drainage areas with a large amount of impervious area. Prioritize inspection and maintenance for catch basins to ensure that no sump shall be more than 50 percent fill. Clean catch basins more frequently if inspection and maintenance activities indicate excessive sediment or debris loadings. Each annual report shall include the street sweeping schedule determined by the permittee to target high pollutant loads. This Enhanced BMP has been adopted pursuant to the requirements in Part B.IV of Appendix F.</p>	<p>DPW Operations</p>	<p>Implement source control program and train employees annually. Adjust sweeping, inspection, and cleaning schedule as necessary.</p>	<p>2018</p>

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.

As of the submission of this Notice of Intent (October 1, 2018) the Town of Seekonk has located and mapped approximately 90% of the structures (outfalls, catch basins, manholes, etc.) that comprise its MS4 system. The Town has located and mapped approximately 70% (135) of the outfalls within its system. The Town expects to complete its structure locating and mapping activities by June 30, 2018.

The Town of Seekonk completed the US Fish and Wildlife IPaC process to identify endangered species within its municipal boundaries. This process indicated that the only species that may be present in Seekonk is the Northern Long-eared Bat (*Myotis septentrionalis*). The Town of Seekonk is certifying compliance with the Endangered Species Act under Criterion C as the Town's planned actions under the permit will have no effect on the Northern Long-eared Bat. The Town of Seekonk will consult with US Fish and Wildlife as needed during the permit term on any future BMPs.

The Town of Seekonk is not proposing any new construction under the MS4 permit that will affect historic properties and is certifying compliance with the Historic Preservation Act requirements under Criterion A.

Part V: Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name:

Title:

Signature: Digitally signed by Shawn E. Cadime
Date: 2019.03.26 15:06:10 -04'00'

Date:

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

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