

Part I: General Conditions

General Information

Name of Municipality or Organization: Town of Millis, MA State: MA

EPA NPDES Permit Number (if applicable): MAR041100

Primary MS4 Program Manager Contact Information

Name: James McKay Title: Director, Department of Public Works

Street Address Line 1: 900 Main Street

Street Address Line 2:

City: Millis State: MA Zip Code: 02054

Email: jmckay@millisma.net Phone Number: (508) 376-5424

Fax Number: (508) 376-2442

Other Information

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed): http://www.millis.org/Pages/MillisMA\_DPW/StrmWtr.pdf/2003Phasell.pdf

Eligibility Determination

Endangered Species Act (ESA) Determination Complete? Yes

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

National Historic Preservation Act (NHPA) Determination Complete? Yes

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

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

MS4 Infrastructure (if covered under the 2003 permit)

Estimated Percent of Outfall Map Complete? 100% If 100% of 2003 requirements not met, enter an estimated date of completion (MM/DD/YY):

Web address where MS4 map is published: http://www.millis.org/Pages/MillisMA\_DPW/StrmWtr.pdf/MS4Map.pdf

Regulatory Authorities (if covered under the 2003 permit)

Illicit Discharge Detection and Elimination (IDDE) Authority Adopted? Yes Effective Date or Estimated Date of Adoption (MM/DD/YY): 06/28/04

Construction/Erosion and Sediment Control (ESC) Authority Adopted? Yes Effective Date or Estimated Date of Adoption (MM/DD/YY): 06/28/04

Post- Construction Stormwater Management Adopted? Yes Effective Date or Estimated Date of Adoption (MM/DD/YY): 06/28/04



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

<b>BMP Media/Category</b> (enter your own text to override the drop down menu)	<b>BMP Description</b>	<b>Targeted Audience</b>	<b>Responsible Department/Parties</b> (enter your own text to override the drop down menu)	<b>Measurable Goal</b>	<b>Beginning Year of BMP Implementation</b>
Web Page	Post stormwater information for residents on Stormwater Web Page	Residents	DPW Operations	Number of page views	2018
Web Page	Post stormwater information for business on Stormwater Web Page	Businesses, Institutions and Commercial Facilities	DPW Operations	Number of page views	2018
Brochures/Pamphlets	Add stormwater brochure / flyer to developer packet through Plan review	Developers (construction)	Building Inspection / Conservation Commission / Planning	Number of brochures distributed	2018
Brochures/Pamphlets	Distribute mailers to targeted audience	Industrial Facilities	DPW Operations	Number of brochures distributed	2018
Brochures/Pamphlets	Mail stormwater information with Annual Water Quality Report	Residents	DPW Operations	Number of brochures distributed	2021
Brochures/Pamphlets	Distribute mailers to targeted audience	Businesses, Institutions and Commercial Facilities	DPW Operations	Number of brochures distributed	2021
Brochures/Pamphlets	Distribute mailers to targeted audience	Developers (construction)	Building Inspection / Conservation Commission / Planning	Number of brochures distributed	2021









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

#### MCM 3: Illicit Discharge Detection and Elimination (IDDE)

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



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

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

#### MCM 4: Construction Site Stormwater Runoff Control

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



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

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

<b>BMP Categorization</b> (enter your own text to override the drop down menu or entered text)	<b>BMP Description</b>	<b>Responsible Department/Parties</b> (enter your own text to override the drop down menu)	<b>Measurable Goal</b> (all text can be overwritten)	<b>Beginning Year of BMP Implementation</b>
As-built plans for on-site stormwater control	The procedures to require submission of as-built drawings and ensure long term operation and maintenance will be a part of the SWMP	Planning Board, Zoning Board of Appeals	Require submission of as-built plans for completed projects	2018
Target properties to reduce impervious areas	Identify at least 5 permittee-owned properties that could be modified or retrofitted with BMPs to reduce impervious areas and update annually	DPW	Complete 4 years after effective date of permit and report annually on retrofitted properties	2022
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, Building Inspection Department	Complete 4 years after effective date of permit and implement recommendations of report	2022
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, Zoning Board of Appeals	Complete 4 years after effective date of permit and implement recommendations of report	2022





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

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

#### MCM 6: Municipal Good Housekeeping and Pollution Prevention

<b>BMP Categorization</b> <small>(enter your own text to override the drop down menu or entered text)</small>	<b>BMP Description</b>	<b>Responsible Department/Parties</b> <small>(enter your own text to override the drop down menu)</small>	<b>Measurable Goal</b> <small>(all text can be overwritten)</small>	<b>Beginning Year of BMP Implementation</b>
O&M procedures	Create written O&M procedures including all requirements contained in 2.3.7.a.ii for parks and open spaces, buildings and facilities, and vehicles and equipment	DPW Operations	Complete and implement 2 years after effective date of permit	2019
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	DPW Operations	Complete 2 years after effective date of permit and implement annually	2019
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	DPW Operations	Complete 2 years after effective date of permit	2019
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	DPW Operations	Complete and implement 2 years after effective date of permit	2019
Catch basin cleaning	Establish schedule for catch basin cleaning such that each catch basin is no more than 50% full and clean catch basins on that schedule	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







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.

The results from the U.S. Fish and Wildlife IPaC system determined that the Town of Millis' MS4 area contains the Northern Long-eared Bat. See attached resource list as a reference for IPac results and A NHESP Habitats map from the MA GIS database. Using the ESA Eligibility criteria as referenced in Appendix C of the MA Small MS4 General Permit, the Town falls under criterion C. Based on our review, there is no discharge related activities involving the habitat of this species of bat therefore the Town's MS4 system does not affect any federally threatened or endangered listed species.

The Town of Millis was a permittee under the 2003 MS4 Permit; therefore the Town meets criteria A of Appendix D to the small MS4 General Permit and completed a consultation with the State Historic Preservation Officer at that time. The Town is not aware of planned projects which would impact historic properties.

An attachment of the Town of Millis's MS4 system map and reference materials related to these screenings are attached.

Additional information:

ESA and NHPA Documentation

Stormwater System Map

Part V: Certification

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

Name:

Title:

Signature:

Date:

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

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

# 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:

Catherine C. MacInnes

Title:

Chair, Board of Selectmen

Signature:

*Catherine C MacInnes*

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

Date:

9/10/18

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



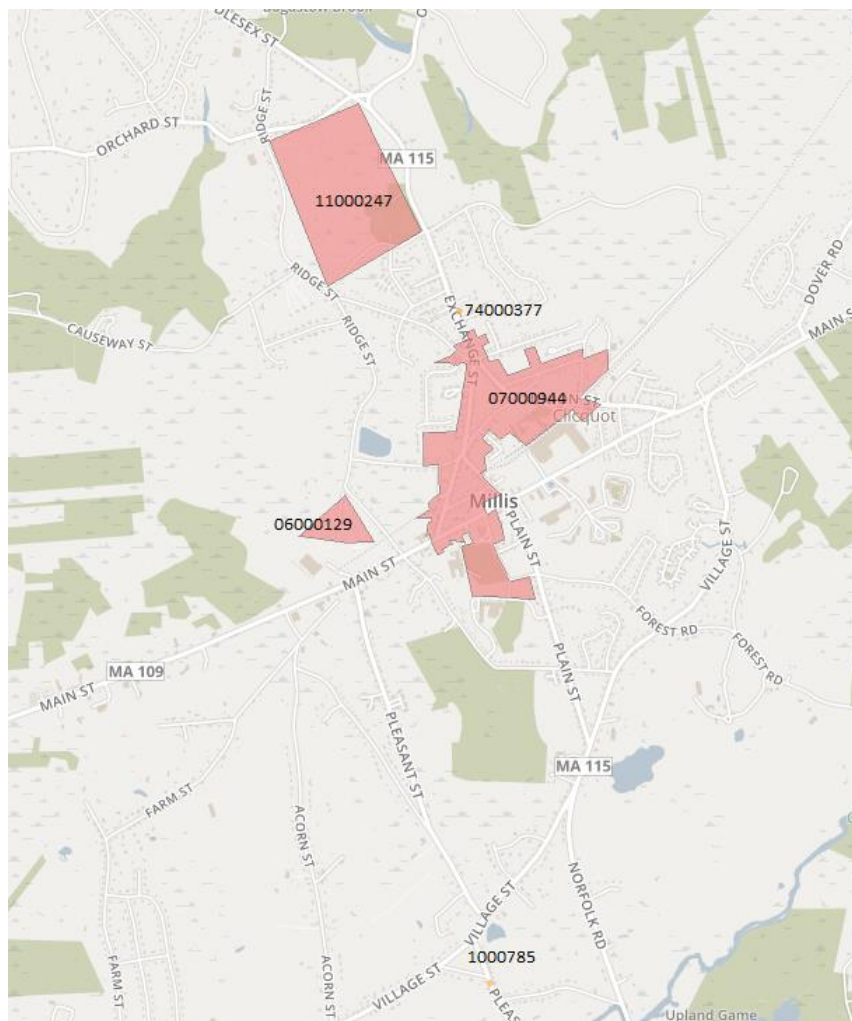
Town of Millis, MA

NOI Screenings

**Historic Properties:**

- A map of Federally Listed Historic Properties was accessed from the following web location:  
<https://www.nps.gov/maps/full.html?mapId=7ad17cc9-b808-4ff8-a2f9-a99909164466>
- The following is a list of Federally Listed Historic Properties in Millis, MA
  - o Oak Grove Farm (#11000247)
  - o Prospect Hill Cemetery (#06000129)
  - o Millis Center Historic District (#07000944)
  - o John Partridge House (#74000377)
  - o Ellice School (#10000785)

The Town's MS4 is an existing system covered under the 2003 permit; therefore, the Town meets Criteria A of Appendix D to the MS4 General Permit and went through consultation with the State Historic Preservation Officer at that time. No discharge related activities are planned which will have an affect on these properties.



## Endangered Species:

- Based on Appendix C, eligible under Criterion C: area containing Northern Long-eared Bat

The results from the U.S. Fish and Wildlife IPaC system determined that Millis' MS4 area contains the Northern Long-eared Bat. See attached resource list as a reference for IPac results and A NHESP Habitats map from the MA GIS database. Using the ESA Eligibility criteria as referenced in Appendix C of the MA Small MS4 General Permit, Millis falls under criterion C. Based on our review, there is no planned discharge related activities that will negatively impact the habitat of the Northern Long-eared Bat, and therefore the Town's MS4 system will not affect any federally threatened or endangered listed species.

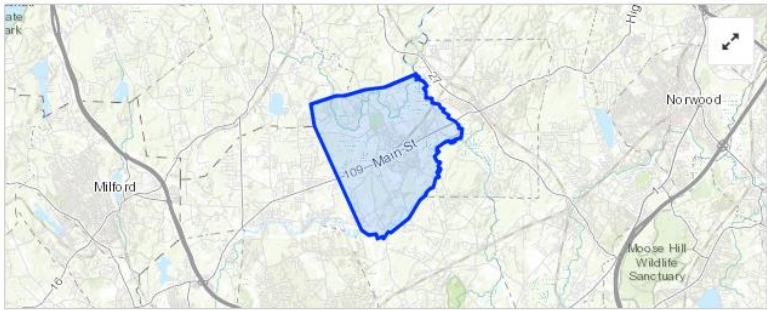
### IPaC Information for Planning and Consultation

MY PROJECTS

PROJECT HOME REGULATORY REVIEW

## Millis Endangered Species

No description provided.



LOCATION Middlesex and Norfolk counties, Massachusetts

CREATED June 12, 2018

1 MEMBER 1 DOCUMENT

### Resources

This project potentially impacts 11 resources managed or regulated by the U.S. Fish and Wildlife Service.

- 1 endangered species
- 9 migratory birds
- Known wetlands

SEE RESOURCES

# Endangered species

Listed species [1](#) 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 Fisheries [2](#)).

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](#).

Additional information on endangered species data is provided [below](#).

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

THUMBNAILS  LIST

## Mammals



## 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.

- > What does IPaC use to generate the list of endangered species potentially occurring in my specified location?
- > Do these lists represent all species to be considered at this location?
- > If this resource list is empty, do I still need to coordinate with the USFWS?
- > What is an 'official species list' and why would I need one?



