

Notice of Intent (NOI) for coverage under Small MS4 General Permit Page 1 of 19

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):

Web address where MS4 map is published:
If outfall map is unavailable on the internet an electronic or paper copy of the outfall map must be included with NOI submission (see section V for submission options)

Regulatory Authorities (if covered under the 2003 permit)

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

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

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

Part II: Summary of Receiving Waters

Massachusetts list of impaired waters: Massachusetts 2014 List of Impaired Waters- <http://www.mass.gov/eea/docs/dep/water/resources/07v5/14list2.pdf>

Check off relevant pollutants for discharges to impaired waterbodies (see above 303(d) lists) without an approved TMDL in accordance with part 2.2.2.a of the permit. List any other pollutants in the last column, if applicable.

[illegible]

Waterbody segment that receives flow from the MS4	Number of outfalls into receiving water segment	Chloride	Chlorophyll-a	Dissolved Oxygen/ DO Saturation	Nitrogen	Oil & Grease/ PAH	Phosphorus	Solids/ TSS/ Turbidity	E. coli	Enterococcus	Other pollutant(s) causing impairments
Trout Brook	3	☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
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[Click to lengthen table](#)

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Part III: Stormwater Management Program Summary

Identify the Best Management Practices (BMPs) that will be employed to address each of the six Minimum Control Measures (MCMs). For 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	Distribute brochures/fact sheets/Newsletter	Residents	DPW/Conservation	Number of mailers distributed	2018
Brochures/Pamphlets	Distribute brochures/fact sheets/Newsletter	Businesses, Institutions and Commercial Facilities	DPW/Conservation	Number of mailers distributed	2019
Brochures/Pamphlets	Include stormwater information in permit package	Developers (construction)	DPW/Conservation	Number of brochures distributed/approved permits	2020
Web Page; Social Media	Post stormwater information on webpage and on Town's social media accounts	Residents	DPW/Conservation	Number of website views/social media followers	2019
Web Page	Post stormwater information on webpage	Developers (construction)	DPW/Conservation	Number of website views	2021
Web Page	Post stormwater information on webpage and on Town's social media accounts	Businesses, Institutions and Commercial Facilities	DPW/Conservation	Number of website views/social media followers	2022
Brochures/Pamphlets	Distribute brochures/fact sheets/Newsletter	Light Industrial (gas stations)	DPW/Conservation	Number of mailers distributed	2018

[illegible]

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Part III: Stormwater Management Program Summary (continued)

MCM 2: Public Involvement and Participation

[illegible]

[illegible]

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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	Complete within 1 year of effective date of permit	2018
Storm sewer system map	Create map and update during IDDE program completion	DPW	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	Complete within 1 year of the effective date of permit and update as required	2019
Implement IDDE program	Implement catchment investigations according to program and permit conditions	DPW	Complete 10 years after effective date of permit	2019
Employee training	Train employees on IDDE implementation	DPW	Train annually	2019
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	DPW	Complete 3 years after effective date of permit	2019
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	DPW	Complete 10 years after effective date of permit	2019
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	DPW	Complete ongoing outfall screening upon completion of IDDE program	2019

[illegible]

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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	Conservation	Complete within 1 year of the effective date of permit	2018
Site plan review	Complete written procedures of site plan review and begin implementation	DPW/Conservation	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	Conservation	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	Conservation	Complete within 1 year of the effective date of permit	2018

[illegible]

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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	DPW/Conservation	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	DPW	Complete 4 years after effective date of permit and report annually on retrofitted properties	2020
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	DPW/Conservation	Complete 4 years after effective date of permit and implement recommendations of report	2020
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.	DPW/Planning/Building Department	Complete 4 years after effective date of permit and implement recommendations of report	2020

[illegible]

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/Conservation/Recreation/Facilities	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/Conservation/Recreation/Facilities	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	Complete 2 years after effective date of permit	2018
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for: - transfer station - DPW garage	DPW	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	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	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	Implement salt use optimization during deicing season	2018

[illegible]

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

Part III: Stormwater Management Program Summary (continued)

Actions for Meeting Total Maximum Daily Load (TMDL) Requirements

Use the drop-down menus to select the applicable TMDL, action description to meet the TMDL requirements, and the responsible department/parties. If no options are applicable, or more than one, **enter your own text to override drop-down menus.**

[illegible]

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

Part III: Stormwater Management Program Summary (continued)

Actions for Meeting Requirements Related to Water Quality Limited Waters

Use the drop-down menus to select the pollutant causing the water quality limitation and enter the waterbody ID(s) experiencing excursions above water quality standards for that pollutant. Choose the action description from the dropdown menu and indicate the responsible party. If no options are applicable, or more than one, **enter your own text to override drop-down menus.**

[illegible]

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.

On occasion, the Town receives precipitation events that exceed the design capacity of its municipal best management practices (BMPs). Under these conditions, a BMP, such as a stormwater infiltrator, may overflow and surcharge into the MS4 or discharge directly to the receiving water body. The Town will develop its Stormwater Management Plan during this Permit term under the assumption that these municipal best management practices (BMPs) are not considered outfalls.

The results from the U.S. Fish and Wildlife IPaC system determined that the Town of Wayland's 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 Wayland was covered under the 2003 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.

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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:

LOUISE MILLER

Title:

TOWN ADMINISTRATOR

Signature:



Date:

9/26/2018

[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

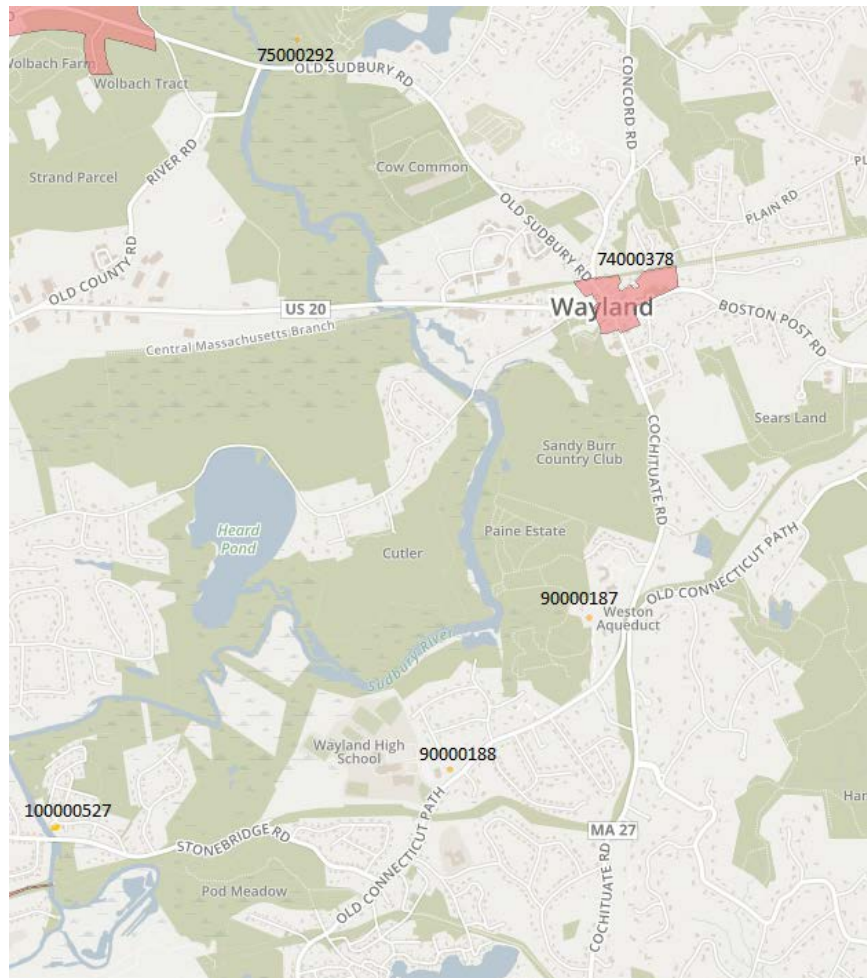
Town of Wayland, MA

NOI Screenings

Historic Properties:

- Map of historic places: <https://www.nps.gov/maps/full.html?mapId=7ad17cc9-b808-4ff8-a2f9-a99909164466>
- List of properties
 - o Noyes-Parris House (#90000187)
 - o Hopestill Bent Tavern (#90000188)
 - o Old Town Bridge (#75000292)
 - o Wayland Center Historic District (#74000378)
 - o Stone's Bridge (#100000527) – Note: this property was added in 2017 and is not displayed on the map on the link above. It is included in the spreadsheet that can be downloaded from here: <https://www.nps.gov/nr/research/>

The Town's MS4 is an existing system covered under the 2003 permit; therefore, the Town meets criteria A of Appendix D to the small MS4 General Permit and went through consultation with the State Historic Preservation Officer at that time.



Endangered Species:

- Based on Appendix C, eligible under Criterion C: Area containing Northern Long-eared Bat
- Need “a dated copy of the EPA concurrence with the operator’s determination that the stormwater discharges and discharge-related activities will have ‘no affect’ on listed species or critical habitat.”

The results from the U.S. Fish and Wildlife IPaC system determined that Wayland’s 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, Wayland falls under criterion C. Based on our review, there is no discharge related activities involving the removal of trees, i.e. the Northern Long-eared Bat’s habitat, therefore the Town’s MS4 system does not affect any federally threatened or endangered listed species.

- Images from search on IPaC:

IPaC Information for Planning and Consultation

MY PROJECTS

U.S. Fish & Wildlife Service

STEPHANIE ALIMENA

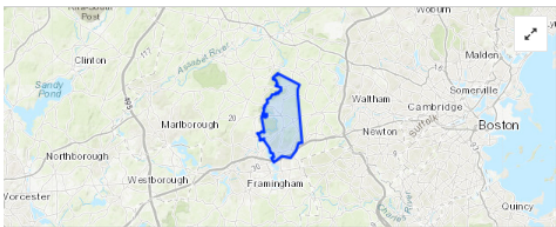
Wayland Endangered Species

Middlesex County, Massachusetts

PROJECT HOME REGULATORY REVIEW LOCAL OFFICE NEW ENGLAND ESFO

Wayland Endangered Species

No description provided.



LOCATION Middlesex County, Massachusetts

CREATED August 1, 2018

1 MEMBER 1 DOCUMENT

Resources

This project potentially impacts 17 resources managed or regulated by the U.S. Fish and Wildlife Service.

- 1 endangered species
- 15 migratory birds
- Refuge and fish hatchery information is not available at this time
- Known wetlands

SEE RESOURCES

What's next?

ENDANGERED SPECIES REVIEW

Review this project's effect on listed species pursuant to the Endangered Species Act, as part of the overall regulatory review.

START REVIEW

SPECIES LIST

Requesting an official species list is now part of IPaC's endangered species review.

REQUEST SPECIES LIST

Local office

New England Ecological Services Field Office

(603) 223-2541

(603) 223-0104

70 Commercial Street, Suite 300
Concord, NH 03301-5094

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

Wayland Endangered Species Middlesex County, Massachusetts

PROJECT HOME

REGULATORY REVIEW

LOCAL OFFICE NEW ENGLAND ESFO ▾

[Project home](#) / Resources

Resources

ENDANGERED SPECIES	1
MIGRATORY BIRDS	15
FACILITIES	!
WETLANDS	✓
PRINT RESOURCE LIST	

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

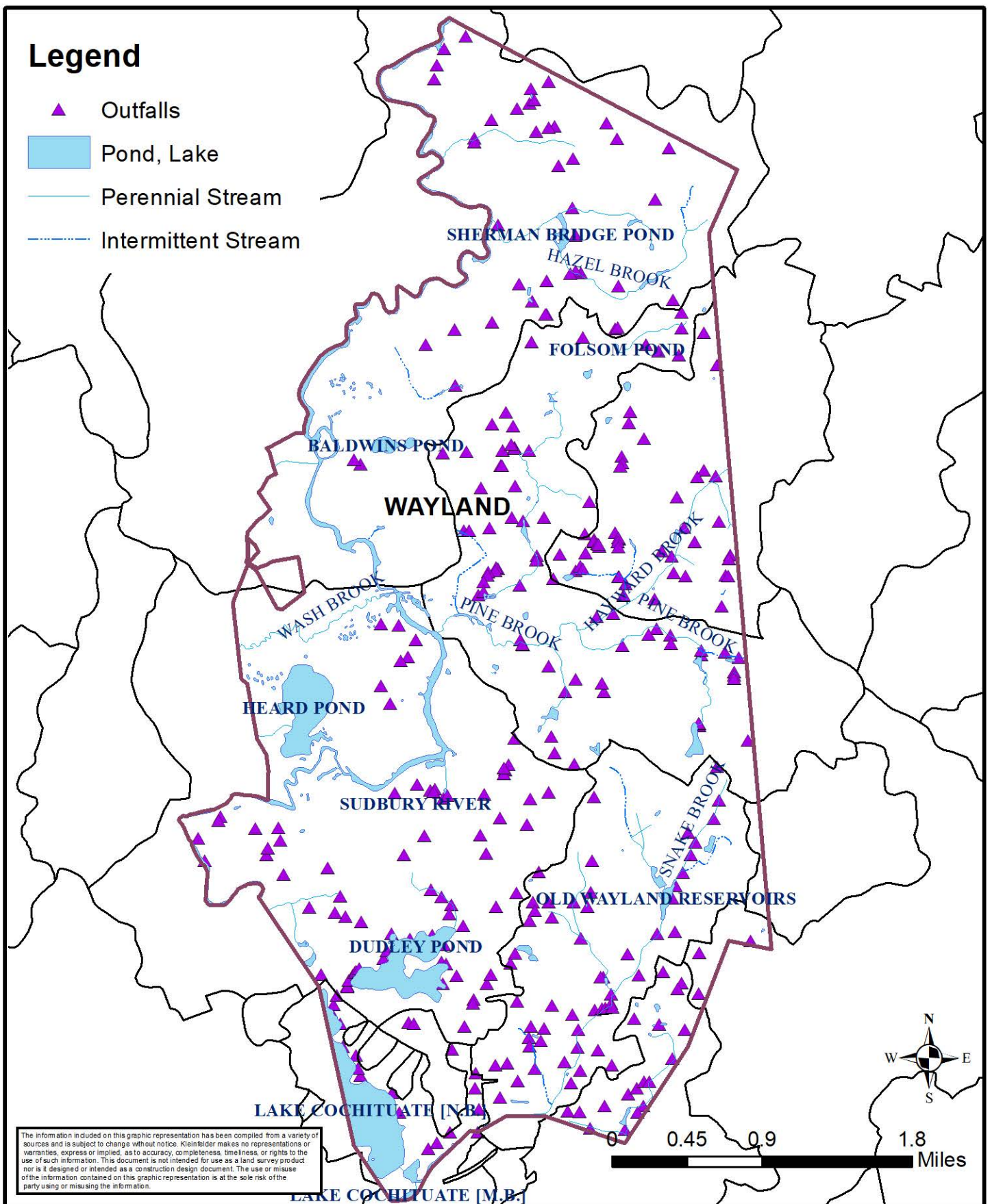
Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

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?

Legend

-  Outfalls
-  Pond, Lake
-  Perennial Stream
-  Intermittent Stream



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PROJECT NO.	20182436
DRAWN:	
DRAWN BY:	L. HILLER
CHECKED BY:	
FILE NAME:	G:\clients\Wayland MA\GIS\Stormwater\Wayland_impaired_waters_KLF_outfalls

IMPAIRED WATERBODIES IN WAYLAND, MA

MS4 Compliance Assistance
20182436.001A
Town of Wayland, MA

From: [Brinkman, Paul](#)
To: [Vuto, Michelle](#)
Cc: [Reports Stormwater](#)
Subject: RE: Small MS4 NOI submission - additional or corrected information required
Date: Tuesday, March 19, 2019 2:44:15 PM

Michelle,

I have located the original NOI and will put in the mail to you today. The waterbodies listed with "blanks" (no number) have zero identified MS4 outfalls directly discharging to them. The form did not allow for a zero to be entered. I wanted to leave them on the list as they are impacted by stormwater sources from within the Town, by both sheetflow and other water features such as streams and groundwater.

Thanks

Paul

-----Original Message-----

From: Vuto, Michelle [<mailto:Vuto.Michelle@epa.gov>]
Sent: Tuesday, February 26, 2019 4:06 PM
To: Brinkman, Paul <PBrinkman@wayland.ma.us>
Cc: Reports Stormwater <Stormwater.Reports@epa.gov>
Subject: Small MS4 NOI submission - additional or corrected information required

Hi Paul,

EPA requires additional or corrected information to receive a complete NOI submission for your MS4 and continue the review process.

Please respond to this email with the requested details in the attached report. You do not need to resubmit your entire NOI form. Please respond with the requested information as soon as you can. If the additional information is not received within 30 days of the date on this email EPA may initiate the process to deny your NOI, unless additional time is granted by EPA for such submission.

Let me know if you have any questions.

Best,
Michelle

Michelle Vuto
Stormwater & Construction Permits
U.S. EPA Region 1
5 Post Office Square-OEP06-4
Boston, MA 02109-3912
617-918-1222