

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

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Part I: General Conditions

General Information

Name of Municipality or Organization: Town of Canton

State: MA

EPA NPDES Permit Number (if applicable): MAR041031

Primary MS4 Program Manager Contact Information

Name: Michael Trotta

Title: Superintendent of Public Works

Street Address Line 1: 801 Washington Street

Street Address Line 2:

City: Canton

State: MA

Zip Code: 02021

Email: mtrotta@town.canton.ma.us

Phone Number: (781) 821-5023

Fax Number:

Other Information

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

Department of Public Works, Town Hall

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

100%

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)*

See attached

Regulatory Authorities (if covered under the 2003 permit)

Illicit Discharge Detection and Elimination (IDDE) Authority Adopted?
(Part II, III, IV or V, Subpart B.3.(b.) of 2003 permit)

Yes

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

05/02/07

Construction/Erosion and Sediment Control (ESC) Authority Adopted?
(Part II, III, IV or V, Subpart B.4.(a.) of 2003 permit)

Yes

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

04/30/03

Post- Construction Stormwater Management Adopted?
(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)

Yes

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

04/13/16

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](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]

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
Web Page	Create a Stormwater Management Page (cantonstormwater.org) for the Town: post Public SWMP, links to targeted messages, link to "Report Stormwater Complaints"	General	DPW - Engineering	Analytics by target message (i.e. # views, # reports/complaints, # downloads)	2018
Electronic Messaging	Distribute messaging on Leaf litter (Sept-Oct)	Businesses, Institutions and Commercial Facilities	Planning board	# clicks on website or # businesses reached	2018
Brochures/Pamphlets	Targeted Stormwater flyer to Developers	Developers (construction)	Conservation Committee	# flyers sent	2019
Brochures/Pamphlets	Targeted Stormwater flyer to Industrial	Industrial Facilities	DPW	# flyers sent	2019
Electronic Messaging	Distribute messaging on Leaf Litter (Sept-Oct), Water Bill	Residents	Management Information systems	# clicks on website	2018
Electronic Messaging	Develop plan for distributing messaging and engage businesses in stormwater management through CABI	Businesses, Institutions and Commercial Facilities	Planning board	# clicks on website or # businesses reached	2019

Brochures/Pamphlets	Target stormwater flyer to Developers	Developers (construction)	Conservation Committee	# flyers sent	2021
Brochures/Pamphlets	Targeted stormwater flyer to Industrial	Industrial Facilities	DPW	# flyers sent	2021
Brochures/Pamphlets	Distribute messaging on pet waste - via dog license renewal (Dec-Apr)	Dog owners	Town Clerk	# flyers distributed	2018
Electronic Messaging	Distribute messaging on grass clippings and fertilizers (Mar-Apr)	Businesses, Institutions and Commercial Facilities	Planning board	# clicks on website or # businesses reached	2019
Electronic Messaging	Distribute messaging on grass clippings and fertilizers, Water Bill	Residents	Management Information systems	# clicks on website	2019
Curriculum and Flyer	School Curriculum (6th grade & HS) - Stormwater and Pollution through Neponset Stormwater Partnership	Residents	Planning Board	# participants, # flyers distributed, # followup clicks	2020
Signage	Pet waste - via Park Signs/Bag Dispensers/Receptacles	Dog owners	Parks/Recreation	# waste bags used	2019
Brochures/Pamphlets	Distribute pet waste messaging via table at Health & Safety Fair (late May, annually)	Dog owners	Health Department	# flyers distributed	2019
Special Events/Festivals/Fairs	Lunch & Learn with Town and businesses (CABI Members) to discuss reciprocal accountability in regards to stormwater quality and improvements	Businesses, Institutions and Commercial Facilities	Planning board	# participants	2019
Web Page	Septic system maintenance information on Town Stormwater Management Website or via Public TV splash message direct people to link	Residents	Health Department	# clicks on website	2019

Voluntary Audit Checklist	Engage local businesses by providing private stormwater BMP messaging and audits	Businesses, Institutions and Commercial Facilities	Planning board	# participants	2019
Videos	Public TV: develop and show splash screens on stormwater management activities during public television programming	General Public	Planning Board	# program showings	2019
Local sponsorship	Engage local businesses in incentive program for stormwater activities and education. Develop Stormwater Good Steward Award (decals or website)	Businesses, Institutions and Commercial Facilities	Planning board	# participants	2020

MCM 2: Public Involvement and Participation

[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	2018
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	2023
Outfall Ranking	Complete a priority ranking for each outfall and interconnection inventory (problem/high/low)	DPW	Outfall ranking matrix	2018

[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 Committee	Complete within 1 year of the effective date of permit	2018
Site plan review	Complete written procedures of site plan review and begin implementation	Conservation Committee	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 Committee	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 Committee	Complete within 1 year of the effective date of permit	2018
Documentation Tracking	Implement Documentation Tracking procedures to report (at a minimum) # of pre/post inspections; # of site plan reviews, # of inspections, # of enforcement actions	Conservation Committee	Documentation process in place	2018
Annual Reporting	Annual reporting	Conservation Committee	Compliance with documentation requirements	2018

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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	Engineering / Planning	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	Building Department	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.	Planning board	Complete 4 years after effective date of permit and implement recommendations of report	2020

[illegible]

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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	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	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	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	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	2019
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 and sand	DPW	Implement salt use optimization during deicing season	2019

[illegible]

Part III: Stormwater Management Program Summary (continued)

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]

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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]

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Part IV: Notes and additional information

Use the space below to indicate the part(s) of 2.2.1 and 2.2.2 that you have identified as not applicable to your MS4 because you do not discharge to the impaired water body or a tributary to an impaired water body due to nitrogen or phosphorus. Provide all supporting documentation below or attach additional documents if necessary. Also, provide any additional information about your MS4 program below.

The results from the U.S. Fish and Wildlife IPaC system determined that the Town of Canton'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 criteria 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 Canton 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.

The Town of Canton's MS4 system map and NOI screening documentation are attached.

MMS4 System Map

NOI Screening Documentation (ESA and NHPA)

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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.

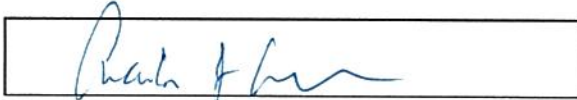
Name:

Charles Aspinwall

Title:

Town Administrator

Signature:



Date:

9/26/18

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

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

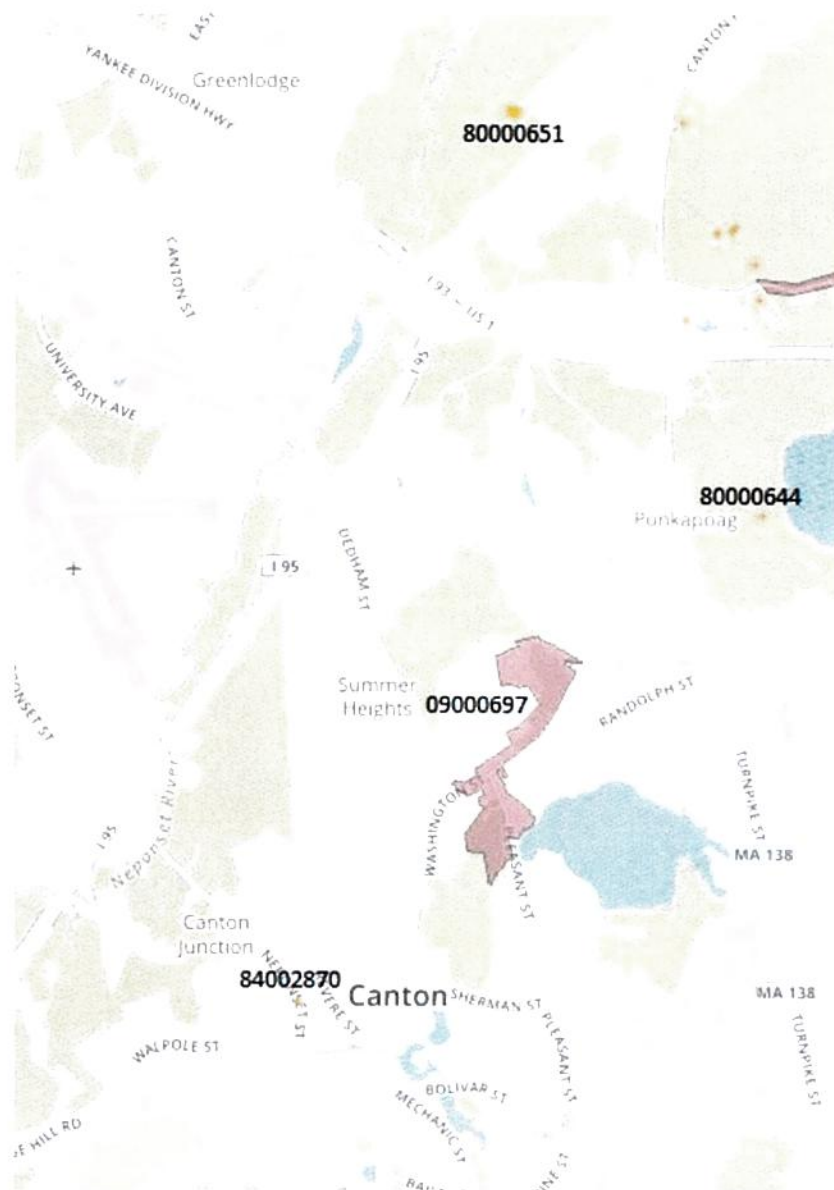
Town of Canton, MA
NOI Screenings

Historic Properties:

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.

The following is a list of Federally Listed Historic Properties in Canton, MA

- Canton Corner Historic district (#09000697)
- Canton Viaduct (#84002870)
- Redman Farm House (#80000644)
- Green Hill Site (#80000651)



The results from the U.S. Fish and Wildlife IPaC system determined that Canton's MS4 area contains the Northern Long-eared Bat. IPac results and a NHESP Habitats map from the MA GIS database are provided below. Using the ESA Eligibility criteria as referenced in Appendix C of the MA Small MS4 General Permit, the Town of Canton is eligible 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.

A map of Norwood, Massachusetts, and its surrounding towns. The town of Norwood is centrally located and outlined in blue. To its north is Framingham, to the west is Franklin, and to the south is Foxborough. To the east is Brockton, and further east is North Scituate and North Pembroke. The Blue Hills Reservation is highlighted in light blue within Norwood. Major roads like I-95 and I-495 are shown. A north arrow is in the top right corner.

CREATED June 13, 2018

Canton Endangered Species

Norfolk and Suffolk counties, Massachusetts

PROJECT HOME

REGULATORY REVIEW

LOCAL OFFICE NEW ENGLAND ESFO ▾

[Project home](#) [Resources](#)

Resources

ENDANGERED SPECIES 1

MIGRATORY BIRDS 11

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

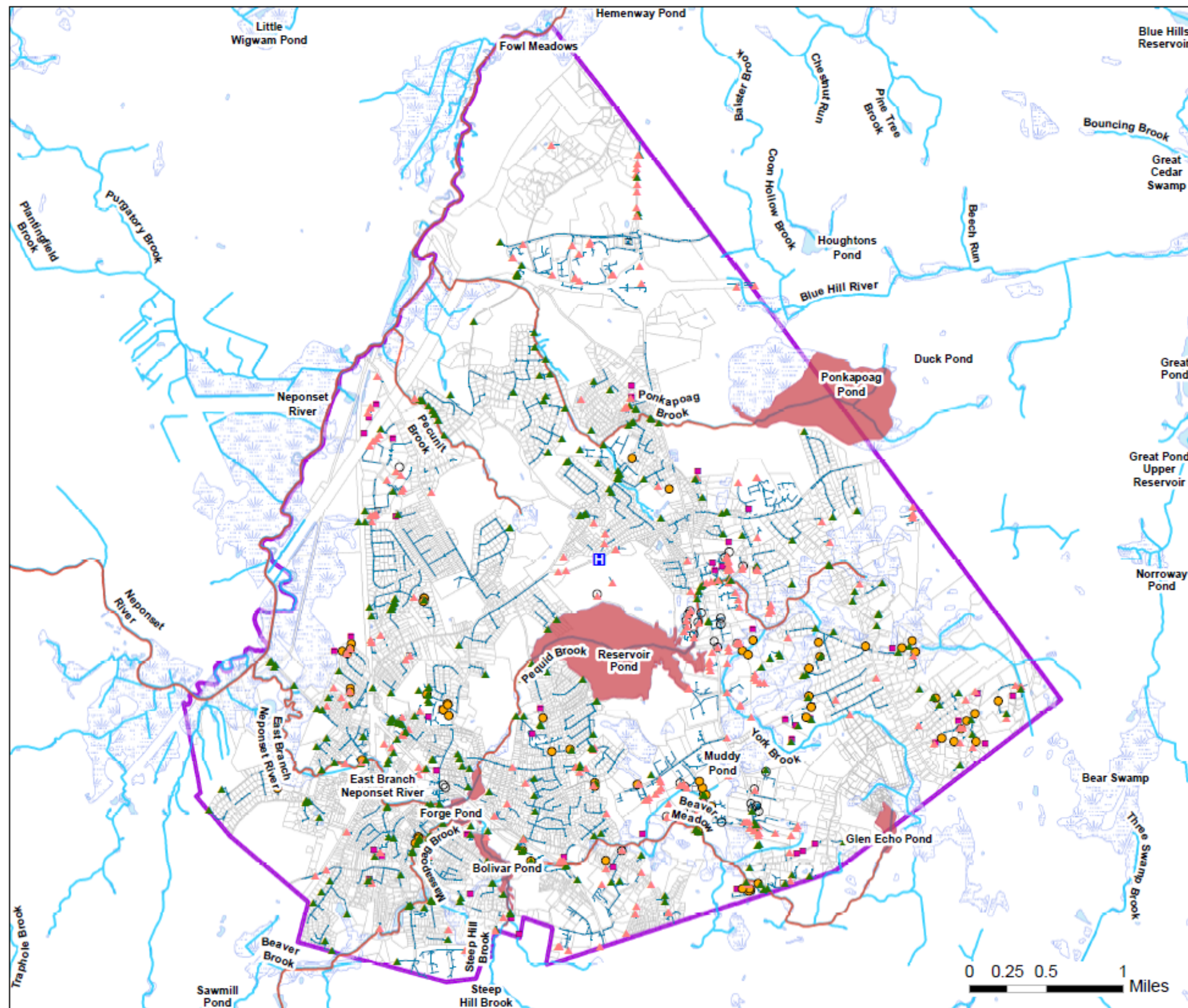


Critical habitats

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?



Town of Canton, MA MS4 System Map

September 2018

Legend

- ▲ MS4 Outfalls
- ▲ Non-MS4 Outfalls
- Ⓜ Interconnection
- Municipally Owned BMPs
- Private/State Owned BMPs
- Municipally Owned Detention Areas
- Private Detention Areas
- Drains
- Impaired Water Bodies
- Impaired Rivers/Streams
- Major Streams
- Wetlands
- Open Water
- ▭ Town Boundary
- ▭ Parcels

Waterbodies in Canton, MA (2014 Integrated List of	Impairment(s)
Steep Hill Brook (MA73-18)	N/A
Pecunit Brook (MA73-25)	E. coli
Ponkapoag Pond (MA73043)	Eurasian Water Milfoil, Myriophyllum spicatum, Non-Native Aquatic Plants, Mercury in Fish Tissue
Ponkapog Brook (MA73-27)	E. Coli, Fecal Coliform
Reservoir Pond (MA73048)	Non-Native Aquatic Plants, Mercury in Fish Tissue
Glen Echo Pond (MA73022)	Non-Native Aquatic Plants
Beaver Meadow Brook (MA73-20)	Oxygen, Dissolved
Bolivar Pond (MA73005)	Turbidity, Non-Native Aquatic Plants
East Branch - locally known as Canton River (MA73-05)	Oxygen, Dissolved, E. coli, Low flow alterations, Aquatic Macroinvertebrate Bioassessments, DDT, Fecal Coliform, PCB in Fish Tissue, Water
Forge Pond (MA73020)	Turbidity
Massapoag Brook (MA73-21)	Phosphorus (Total), Turbidity, Non-Native Aquatic Plants, Aquatic Macroinvertebrate Bioassessments
Neponset River (MA73-01)	Oxygen, Dissolved, Phosphorus (Total), TSS, Turbidity E. coli, DDT, Excess Algal Growth, PCB in Fish Tissue, Sedimentation/siltation
Neponset River (MA73-02)	DDT, Foam/Floes/Scum/Oil Slicks, Other, PCB in Fish Tissue
Pequot Brook (MA73-22)	Oxygen, Dissolved