

Part I: General Conditions

General Information

Name of Municipality or Organization: Groton State: MA

EPA NPDES Permit Number (if applicable):

Primary MS4 Program Manager Contact Information

Name: Robert "Tom" Delaney Title: DPW Director

Street Address Line 1: 173 Main Street

Street Address Line 2:

City: Groton State: MA Zip Code: 01450

Email: tdelaney@townofgroton.org Phone Number: (978) 448-1162

Fax Number: (978) 448-1174

Other Information

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

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? 90% If 100% of 2003 requirements not met, enter an estimated date of completion (MM/DD/YY): 07/01/19

Web address where MS4 map is published: http://www.townofgroton.org/Town/BoardsCommittees/EarthRemovalStormwaterAdvisoryCommittee.aspx

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): 05/01/06

Construction/Erosion and Sediment Control (ESC) Authority Adopted? Yes Effective Date or Estimated Date of Adoption (MM/DD/YY): 05/01/06

Post- Construction Stormwater Management Adopted? Yes Effective Date or Estimated Date of Adoption (MM/DD/YY): 05/01/06

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

Part II: Summary of Receiving Waters

Please list the waterbodies to which your MS4 discharges. For each waterbody, please report the number of outfalls discharging into it and, if applicable, the segment ID and any impairments.

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

Waterbody that receives flow from the MS4 and segment ID if applicable	Number of outfalls into receiving water segment	Chloride	Chlorophyll-a	Dissolved Oxygen/ DO Saturation	Nitrogen	Oil & Grease/ PAH	Phosphorus	Solids/ TSS/ Turbidity	E. coli	Enterococcus	Other pollutant(s) causing impairments
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James Brook	3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	low dissolved oxygen
Martins Pond Brook	2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	low dissolved oxygen
Squanacook River	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Low ph, lack of cold water assemblage
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Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary

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

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

MCM 1: Public Education and Outreach

BMP Media/Category (enter your own text to override the drop down menu)	BMP Description	Targeted Audience	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal	Beginning Year of BMP Implementation
Brochures/Pamphlets	Yearly Flyers	Residents	DPW Operations	100% of house holds reached to inform public and request feedback	2019
Local Public Service Announcements	updates on BMP and bylaw changes	Businesses, Institutions and Commercial Facilities	Storm Water Committee	Invite local developers for a presentation on the Stormwater Management Rules and Regulations and Bylaw and provide time for question session.	2018
Local Public Service Announcements	updates on BMP and bylaw changes	Developers (construction)	Storm Water Committee	Invite local developers for a presentation on the Stormwater Management Rules and Regulations and Bylaw and provide time for question session.	2018

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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	Storm Water Committee	Allow annual review of stormwater management plan and posting of stormwater management plan on website	2019
Public Participation	Public Meeting- Stormwater	Storm Water Committee	Allow public to comment on stormwater management plan annually	2018
Public Participation	Cleanups - Roadside/General	DPW Operations	help dispose of material at annual event	2017
Public Participation	Adopt-a-Stream Program	DPW Operations	assist NRWA with cleaning and testing	2017
Public Participation	Cleanups - Shoreline/Waterbody	DPW Operations	Work with NRWA and lakes association for vleanups	2017
Public Participation	Household haz. waste/used oil collection	DPW Operations	2 collections monthly at regional facility	2017
Public Participation	Hotline/weblne - reporting problems/violations	storm water comittee	set up program to help report issues on website	2019
Public Participation	monthly storm water meeting	Storm Water committee	monthly meetings with comment period	2017
Public Participation	Stormwater Committee/Task Force	Storm Water Committee	Keep plan and bylaws updated	2017
Public Participation	Catch Basin Stenciling/Markers	Storm Water Committee	Boyscout to stencil basins	2019
Public Participation	River and stream crossing signs	DPW Operations	Install and maintain crossing signs	2017
Public Participation	Recycling improvements and reuse at transfer station	Health Department	make easier to recycle more items	2017
Public Participation	water conservation devices available	Water Department	help conserve water	2017

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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 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	
Implement IDDE program	Implement catchment investigations according to program and permit conditions	Environment Department	Complete 10 years after effective date of permit	2023
Employee training	Train employees on IDDE implementation	DPW Operations	Train annually in place	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	2021
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
IDDE Ordinance/Bylaw	bylaw restricting hook up	storm water committee	in place	2017

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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	earth removal inspector	all projects inspected inplace	2017
Site plan review	Complete written procedures of site plan review and begin implementation	Planning/zoning Department	all projects reviewed by multiple departments inplace	2017
Erosion and Sediment Control	Adoption of requirements for construction operators to implement a sediment and erosion control program	Storm water committee	all projects comply with guidelines set by state inplace	2017
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	Health Department	proper handling of materials inplace	2017
Construction Inspection Program by Third Party	planning board uses outside firm to review all developments paid for by the developer	Planning/zoning Department	independent review of all projects inplace	2017

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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	Storm water Committee	to insure developers build according to plan complete	2017
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	Environment Department	Complete 4 years after effective date of permit and report annually on retrofitted properties	2021
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/zoning Department	regulations to make it easier to create green infrastructure in developments in process	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/zoning Department	lid options in place to offset traditional storm-water techniques complete	2017

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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	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	Parks Department	keep up to date	2019
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	DPW Operations	insure proper operation	2019
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	DPW Operations	maintain a clean operation	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	reduces sediment in place	2018
Road salt use optimization program	Establish and implement a program to minimize the use of road salt	DPW Operations	reduse salt use and contamination	2017

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.

In the Town of Groton MS4 system, the Town has no direct discharge to the Nashua river. Mass DOT has an outlet on rt 119 at the Pepperell line into the Nashua.
The Town of Groton determined that all planned BMPs will have no effect on the small whorled pogonia (SWP) (*Isotria medeoloides*).
The Town of Groton determined that all planned BMPs will have no effect on the Northern Long-eared Bat (*Myotis septentrionalis*)

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

From: [Tom Delaney](#)
To: [Vuto, Michelle](#); [Tom Delaney](#)
Subject: RE: Small MS4 NOI submission - additional or corrected information required
Date: Wednesday, April 24, 2019 8:43:34 AM

Thanks Michelle

The town of Groton confirms it will follow part III Appendix H requirements for e. coli for James Brook and the Squannacook River and part II Appendix H requirements for phosphorus for the Nashua river.

I am also looking into establishing a enterprises fund to help with the new requirements, FYI.

Thanks for your help

Tom

Sent from my Verizon Smartphone

On Apr 24, 2019 8:31 AM, "Vuto, Michelle" <Vuto.Michelle@epa.gov> wrote:

Hi Tom,

Sorry about that, thanks for resending the info. Because Groton discharges to a tributary of the Nashua River, according to part 2.2.2.b, the town must follow part II Appendix H requirements for phosphorus. Please confirm this. Also, please confirm that the town will follow part III Appendix H requirements for e. coli for James Brook and the Squannacook River. Once you confirm these two things, the NOI will be complete.

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

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

From: Tom Delaney <tdelaney@townofgroton.org>
Sent: Wednesday, April 24, 2019 7:36 AM
To: Vuto, Michelle <Vuto.Michelle@epa.gov>
Cc: Tom Delaney <tdelaney@townofgroton.org>
Subject: RE: Small MS4 NOI submission - additional or corrected information required

Hi Michelle

This is what I had sent in November, is this ok?

Robert "Tom" Delaney jr
Dpw Director
Town Of Groton
Ph 978-448-1162

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

From: Tom Delaney
Sent: Wednesday, November 28, 2018 11:43 AM

To: Tom Delaney <tdelaney@townofgroton.org>
Subject: RE: Small MS4 NOI submission - additional or corrected information required

Hi Michelle

Sorry for the delay in the response

Item one IDDE

In place, just forgot to indicate on the box. We simply just check box on clean or repair form when we visit. They were all checked in the initial mapping.

Item 2 TMDL

There are no listed TMDL listed for the receiving waters we have identified.

Item 3 Impairments

The listed water way in our NOI, the Nashua river actually has no discharges from the town but does run through town. The only direct discharge is from Mass DOT. I left it listed on the sheet but maybe should have been removed. James brook which is a tributary, and we do have discharge into, does not have phosphorous which is the issue in the Nashua.

Please let me know if you if this answers addresses all your questions. If not let me know so I can provide more information.

Thank you

Tom

Robert "Tom" Delaney jr
Dpw Director
Town Of Groton
Ph 978-448-1162

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

From: Vuto, Michelle [<mailto:Vuto.Michelle@epa.gov>]
Sent: Friday, November 2, 2018 10:42 AM
To: Tom Delaney <tdelaney@townofgroton.org>
Cc: Reports Stormwater <Stormwater.Reports@epa.gov>
Subject: Small MS4 NOI submission - additional or corrected information required

Hi Tom,

Here is the updated information requested report.

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.

Please let me know if you have any questions.

Thanks,
Michelle