

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 ☐ D

☒ 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? <i>(Part II, III, IV or V, Subpart B.3.(b.) of 2003 permit)</i>	No	Effective Date or Estimated Date of Adoption (MM/DD/YY):	06/30/19
Construction/Erosion and Sediment Control (ESC) Authority Adopted? <i>(Part II,III,IV or V, Subpart B.4.(a.) of 2003 permit)</i>	Yes	Effective Date or Estimated Date of Adoption (MM/DD/YY):	07/17/11
Post-Construction Stormwater Management Adopted? <i>(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)</i>	Yes	Effective Date or Estimated Date of Adoption (MM/DD/YY):	07/17/11

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

Part II: Summary of Receiving Waters

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

New Hampshire list of impaired waters: <http://des.nh.gov/organization/divisions/water/wmb/swqa/>

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 of the permit. List any other pollutants in the last column, if applicable.

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
MERRIMACK RIVER	13	☐	☐	☐	☐	☐	☐	☐	☒	☐	
BABOOSIC LAKE	6	☐	☐	☐	☐	☐	☒	☐	☒	☐	
BABOOSIC BROOK (RIDDLE BROOK)	22	☐	☐	☐	☐	☐	☐	☐	☐	☐	Benthic-Macroinvertebrate Bioassessments, Oxygen Dissolved
HORSESHOE POND	3	☐	☐	☒	☐	☐	☒	☐	☐	☐	
SOUHEGAN RIVER	13	☐	☐	☐	☐	☐	☐	☐	☒	☐	Aluminum, Oxygen Dissolved
NATICOOK LAKE	7	☐	☐	☐	☐	☐	☐	☐	☒	☐	Non-Native Aquatic Plants
NATICOOK BROOK	12	☐	☐	☐	☐	☐	☐	☐	☐	☐	
PENNICHUCK BROOK (HARRIS, BOWER'S, HOLTS PONDS)	2	☐	☐	☒	☐	☐	☐	☐	☒	☐	Iron, Oxygen Dissolved
OTHER UNNAMED WATERWAYS	10	☐	☐	☒	☐	☐	☐	☐	☐	☐	
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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 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
Distribute promotional materials with a link	Use NH Stormwater Coalition outreach materials and guidance - Pet waste, Fertilizer & yard Waste	Residents	NH Regional Stormwater Coalition See: https://www4.des.state.nh.us	1) Increased awareness of how fertilizer works 2) Increased awareness of pet waste impacts to water quality. 3) Increased awareness of yard waste impacts to water quality.	2019
Promotional Materials	Use NH Stormwater Coalition outreach materials and guidance -fertilizer, yard waste, parking lot maintenance	Businesses, Institutions and Commercial Facilities	NH Regional Stormwater Coalition See: https://www4.des.state.nh.us	Increased awareness of how fertilizer, yard waste and parking lot maintenance works.	2019
Promotional Materials	Use NH Stormwater Coalition outreach materials and guidance for developers audience. Repeated after two years.	Developers and Construction	NH Regional Stormwater Coalition See: https://www4.des.state.nh.us	Local developers aware of local SW regulations	2019
Promotional Materials	Use NH Stormwater Coalition outreach materials and guidance for industrial facilities.	Industrial Facilities	NH Regional Stormwater Coalition See: https://www4.des.state.nh.us	Increased awareness of Industrial facilities permit.	2020

[illegible]

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

Part III: Stormwater Management Program Summary (continued)

MCM 2: Public Involvement and Participation

[illegible]

[illegible]

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 overwriten)
Sanitary Sewer Overflow (SSO) inventory	Merrimack does not have any combined drainage and sewage systems	Department of Public Works	Systems have always been independent
Storm sewer system map	Update map and update during IDDE program completion	Department of Public Works	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit
Written IDDE program development	Create written IDDE program	Department of Public Works	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	Department of Public Works	Complete 10 years after effective date of permit
Employee training	Train employees on IDDE implementation	Department of Public Works	Train annually
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	Department of Public Works	Complete 3 years after effective date of permit
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	Department of Public Works	Complete 10 years after effective date of permit
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	Department of Public Works	Complete ongoing outfall screening on completion of IDDE program

[illegible]

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

[illegible]

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)
As-built plans for on-site stormwater control - Update Requirements	The procedures to require submission of as-built drawings and ensure long term operation and maintenance will be a part of the SWMP	Community Development and Department of Public Works	Update the Required submission of as-built plans for completed projects
Target properties to reduce impervious areas	Complete an inventory and priority ranking of permittee-owned property and existing infrastructure that could be retrofitted with BMPs designed to reduce the frequency, volume and pollutant loads of stormwater discharges to its MS4 through the mitigation of impervious area	Community Development and Department of Public Works	Complete 4 years after effective date of permit and report annually on retrofitted properties
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	Community Development and NRPC	Complete 4 years after effective date of permit and implement recommendations of report
Street design and parking lot guidelines - Update as needed	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.	Community Development and NRPC	Complete 4 years after effective date of permit and implement recommendations of report

Ensure any stormwater controls or management practices for new development and redevelopment meet the retention or treatment requirements of the permit.	Adoption, amendment, or modification of a regulatory mechanism to meet permit requirements	Community Development	Complete 2 years after effective date of permit

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 2.3.7.1 for parks and open spaces, buildings and facilities, and vehicles and equipment	Department of Public Works	Complete and implement 2 years after effective date of permit	2020
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	Department of Public Works	Complete 2 years after effective date of permit and implement annually	2020
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	Department of Public Works	Complete 2 years after effective date of permit	2020
Stormwater Pollution Prevention Plan (SWPPP)	Create/update SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities as required	Department of Public Works	Complete 2 years after effective date of permit	2020
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	Department of Public Works	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	Department of Public Works	Sweep all streets and permittee-owned parking lots once per year in the spring	2019
Road salt use optimization program	Establish and implement a program to minimize the use of road salt	Department of Public Works	Implement salt use optimization during deicing season	2020

[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**. If submitting a NHDES approved alternative reduction plan, attach and submit it with the NOI.

[illegible]

Part III: Stormwater Management Program Summary (continued)

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 2.2.2 that you have identified as not applicable to your MS4 and provide all supporting documentation below or attach additional documents if necessary.

Provide any additional information about your MS4 program below.

Section 2.3.4.4 does not apply to the Town of Merrimack. The Drainage system and the Sanitary Sewer systems have always been kept separated.

Under section 2.3.4.4(c) A single notification may be made to EPA as directed in our wastewater permit which constitutes compliance with the permit.

By submitting this Notice of Intent to Comply with the Provisions of 2017 New Hampshire Small MS4 Permit pursuant to Section 1.7.2, Merrimack does not waive any rights it has to object or contest the applicability of any provision or requirement of the Permit, including, but not limited to, any issues raised by any party in the appeal of the Permit before the United States Court of Appeals for the District of Columbia Circuit, Case Number 17-1060.

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 gathered and evaluated 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, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than 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:

Eileen Cabanel

Title:

Town Manager

Signature:

Eileen Cabanel

Digitally signed by Eileen Cabanel
DN: cn=Eileen Cabanel, o=Town of Merrimack, NH,
ou=Manager, email=dtuomala@merrimacknh.gov, c=US
Date: 2018.09.27 11:31:06 -0400

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



TOWN OF MERRIMACK, New Hampshire

Public Works Department
6 Baboosic Lake Road
Merrimack, NH 03054

www.merrimacknh.gov
TEL: (603) 424-5137
FAX: (603) 424-1408

DATE: September 27, 2018

RE: Town of Merrimack
2018 Notice of Intent Filing
Filed Electronically

To Whom it may Concern

Please find attached the Town of Merrimack, NH NOI 2018 filing.

The NOI was previously filed on September 27th however due to an electronic issue the submission was rejected. Please see attached notice also.

If you have any questions please let me know.

Thank you for your help in this matter.

Sincerely,

Dawn B. Tuomala

Dawn B. Tuomala, PE, LLS, CWS
Deputy DPW Director/Town Engineer
dtuomala@merrimacknh.gov

Enclosure (3)

