

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

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

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

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

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

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

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

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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.

[illegible]

[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 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
Webpage and other promotional materials	Use NH stormwater coalition outreach materials and guidance - implementing outreach for relevant impairments City-wide. Do every year starting 2019	Residents	NH Stormwater Coalition see: https://www.4.des.state.nh.us/nh-ms4/	1) Increased awareness of how fertilizer works 2) Increased awareness of pet waste impacts 3) Increase awareness of road salt impacts to water quality	2019
Webpage and other promotional materials	Use NH stormwater coalition outreach materials and guidance - implementing outreach for relevant impairments City-wide. Do every year starting 2019	Businesses, Institutions and Commercial Facilities	NH Stormwater Coalition see: https://www.4.des.state.nh.us/nh-ms4/	1) Increased awareness of how fertilizer works 2) Increased awareness of pet waste impacts 3) Increase awareness of road salt impacts to water quality	2019
Promotional materials	Use NH stormwater coalition outreach materials and guidance - implementing outreach for relevant impairments City-wide. Do every year starting 2019	Developers (construction)	NH Stormwater Coalition see: https://www.4.des.state.nh.us/nh-ms4/	Increased awareness by developers of federal stormwater regulations	2019

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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: SWMP will be posted on City website for public review	DPW Engineering/City Engineer - Dookran	Allow annual review of stormwater management plan and posting of stormwater management plan on website	Year2
Public Participation	The SWMP will be presented or communicated by a memo annually to	DPW Engineering/City Engineer - Dookran	Allow public to comment on stormwater management plan annually	Year 2
Public Participation	Watershed model demonstration	DPW Engineering/Community Development	Number of people participating in watershed model demonstration	2018
Public Participation	Board of Public Works meetings	DPW/Director - Fauteux	Number of meetings Stormwater issues were discussed	2018
Public Participation	Planning Board Meetings	Planning Dept./Director - Houston	Number of meetings Stormwater issues were discussed	2018
Public Participation	Hotline/webline - reporting problems/violations	DPW Wastewater/Superintendent - Boucher	Number of calls/work orders for drainage related issues	2018
Public Participation	Regional Stormwater Coalition Meetings	DPW/CDD staff	Number of meeting attended to discuss issues on a watershed basis	2018
Public Participation	Household haz. waste/used oil collection	DPW Solid Waste/Superintendent - Lafleur	Number of Participants	2018
Public Participation	Cleanups - Mine Fall Trail Days as an example - to pick up trash in parks	DPW Parks/Superintendent - Caggiano	Number of days	2018

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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)
SSO inventory	Develop SSO inventory in accordance of permit conditions	DPW Wastewater/ Superintendent-Boucher	Complete within 1 year of effective date of permit
Storm sewer system map	Create map and update during IDDE program completion	DPW Engineering/GIS Manager - Dookran/Marino	Update map n 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	DPW Engineering/City Engineer - Dookran	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	DPW Wastewater/Superintendent - Boucher	Complete 10 years after effective date of permit
Employee training	Train employees on IDDE implementation	DPW Wastewater/Superintendent - Boucher	Train annually
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	DPW Engineering/City Engineer- Dookran	Complete 3 years after effective date of permit
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	DPW Wastewater/Superintendent-Boucher	Complete 10 years after effective date of permit
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	DPW Wastewater/Superintendent - Boucher	Complete ongoing outfall screening on completion of IDDE program
Illegal Dumping Prevention	Household Hazardous Waste Collection	DPW Solid Waste/Superintendent -Lafleur and Nashua Regional Planning	Amount of material collected

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Part III: Stormwater Management Program Summary (continued)

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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 overwitten)
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 Department/Director - Houston	Require 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	DPW Engineering/City Engineer - Dookran	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	Planning Department/Director - Houston	Complete 4 years after effective date of permit and implement recommendations of report
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 Department/Director - Houston and DPW Engineering/City Engineer - D	Complete 4 years after effective date of permit and implement recommendations of report

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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 Program (Grounds Care/Integrate Pest Management)	Create written O&M procedures including all requirements contained in 2.3.7.1	DPW Parks/Superintendent - Caggiano	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	DPW Engineering/City Engineering - Dookran and GIS Manager - Marin	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	DPW Engineering/City Engineer - Dookran	Complete 2 years after effective date of permit	2020
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	DPW Engineering/City Engineer - Dookran	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	DPW Wastewater/Superintendent -Boucher	Clean catch basins on established schedule and report number of catch basins cleaned	2019
Street sweeping program	Sweep all streets and permittee-owned parking lots in accordance with permit conditions	DPW Streets/Superintendent - Ibarra	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	DPW Streets/Superintendent - Ibarra	Implement salt use optimization during deicing season	2020

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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.

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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]

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.

In addition to the separated storm sewer system discharges covered under the MS4 Permit, in the downtown area, stormwater is discharged to the the combined sewer system which is covered under a NPDES Wastewater Discharge Permit.

The City of Nashua is under an EPA Consent Decree (Civil Action No. 05-376-PB), dated December 26, 2005 (based on the Long-Term Water Quality and Infrastructure Control Plan), to mitigate combined sewer overflows (CSOs). Currently, there are eight CSO outfalls that are a part of the city's sewer collection system, four that discharge to the Nashua River and four that discharge to the Merrimack River. CSOs have been identified as a probable source for the *Escherichia coli* impairment within reaches of the Nashua and Merrimack Rivers located nearest to the city. While a statewide TMDL has been approved for all waterways impaired with *Escherichia coli*, the City continues to complete projects related to the Consent Decree, and as discussed below, are ongoing and will reduce the amounts of CSOs, and thus *Escherichia coli* being discharged into the Nashua and Merrimack Rivers.

The CSO program was designed based on the philosophy that urban runoff, particularly in the urbanized areas dictated by the MS4 Permit, contains pollutants that are harmful to the waterways. The City moved from a complete separation program to a hold and treat philosophy. The inner city areas are served by combined sewers. The stormwater runoff enters a sewer in the street that also conveys sanitary wastes. Up to a two year storm event, particularly the most polluted first flush, will be collected/stored and conveyed to combined sewage treatment facilities.

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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 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:

Lisa Fauteux

Title:

Director of Public Works

Signature:



Date:

9-27-18

[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

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Lisa Fauteux

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Director of Public Works

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