

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: City of Somersworth

State: NH

EPA NPDES Permit Number (if applicable): NHR041000

Primary MS4 Program Manager Contact Information

Name: Robert M. Belmore

Title: City Manager

Street Address Line 1: 1 Government Way

Street Address Line 2:

City: Somersworth

State: NH

Zip Code: 03878

Email: bbelmore@somersworth.com

Phone Number: (603) 692-9503

Fax Number: (603) 692-9571

Other Information

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

City Engineer's Office, 1 Government Way, Somersworth, NH 03878

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 ☒ 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)

70%

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

12/31/21

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)*

An electronic copy of the outfall map has been included with the NOI submission.

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):

02/04/87

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):

02/15/12

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):

02/15/12

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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.

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
NH IMP 600030405-03, Salmon Falls - Great Falls Upper	5	☐	☐	☐	☐	☐	☐	☐	☐	☐	Mercury, Non-Native Aquatic Plants, pH
NH IMP 600030406-02, Salmon Falls - Lower Great Falls	4	☐	☐	☐	☐	☐	☐	☐	☒	☐	Mercury, Non-Native Aquatic Plants
NH IMP 600030406-03, Salmon Falls - Rollinsford Dam		☐	☐	☐	☐	☐	☐	☐	☐	☐	Mercury, Non-Native Aquatic Plants, pH
NH LAK 600030405-03, Willand Pond	1	☐	☐	☒	☐	☐	☐	☐	☒	☐	Mercury, Non-Native Aquatic Plants, Other flow regime alterations, pH
NH RIV 600030405-14, Salmon Falls River - Unnamed Brook		☐	☐	☐	☐	☐	☐	☐	☒	☐	Mercury, pH
NH RIV 600030608-02, Blackwater Brook-Clark Brook	1	☐	☐	☐	☐	☐	☐	☐	☒	☐	Mercury
NH RIV 600030608-08, Fresh Creek - Twombley Brook		☐	☐	☒	☐	☐	☐	☐	☒	☐	Mercury, pH
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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 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	Stormwater-oriented articles and links on the City's Web Page including 1) increased awareness of proper fertilizer use. 2) Increased awareness of pet waste impacts to water quality. 3) Increased awareness of yard waste impacts to water quality. 4) Recommendation for septic system testing.	Residents	Public Works and Utilities w/ Seacoast Stormwater Coalition	Number of clicks	Year 1
Digital City Newsletter	The City issues a monthly newsletter that can carry messages regarding 1) increased awareness of proper fertilizer use. 2) Increased awareness of pet waste impacts to water quality. 3) Increased awareness of yard waste impacts to water quality. 4) Recommendation for septic system testing.	Residents, local businesses owners	Public Works and Utilities w/ Seacoast Stormwater Coalition	Number of opened emails	Year 1

Special Events/Festivals/Fairs	Conservation Commission and Sustainability Commission to hand out brochures and talk with attendees at local events including Children's Festival, Pumpkin Festival.	Residents	Public Works and Utilities Dept with Conservation Commission and Si	Number of brochures distributed	Year 1
Local Public Service Announcements	Create slide show on local Channel 22 including 1) increased awareness of proper fertilizer use. 2) Increased awareness of pet waste impacts to water quality. 3) Increased awareness of yard waste impacts to water quality. 4) Recommendation for septic system testing.	Residents	Public Works and Utilities Dept. with Seacoast Stormwater Coalition	Number of follow up phone calls	Year 2
School Curricula/Programs	lectures for students and brochures sent home for parents.	Residents, local business owners	Public Works and Utilities Department	Number of brochures distributed	Year 2-3
Displays/Posters/Kiosks	Lawn care, leaf/grass clippings and fertilizer posters up at the Malley Farm Brush Dump.	Residents	Public Works and Utilities Department	Change in amount of leaf and yard waste left at the transfer station/ number of cars counted	Year 3

155

[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)
Sanitary Sewer Overflow (SSO) inventory	Develop SSO inventory in accordance of permit conditions	Public Works and Utilities Department	Complete within 1 year of effective date of permit
Storm sewer system map	Create map and update during IDDE program completion, update annually	Public Works and Utilities Department	Update map within 3 years of effective date of permit and complete full system map 10 years after effective date of permit
Written Illicit Discharge and Detection Elimination (IDDE) program development	Create written IDDE program	Public Works and Utilities Department	Complete within 3 years of the effective date of permit
Implement IDDE program	Implement catchment investigations according to program and permit conditions	Public Works and Utilities Department	Complete 10 years after effective date of permit
Implement employee training	Train employees in IDDE program implementation	Public Works and Utilities Department , along with shared partners and oth	Provide training annually beginning in year 2
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	Public Works and Utilities Department	Complete 3 years after effective permit date, update based on results of dry weather screening
Conduct wet weather screening	Conduct in accordance with outfall screening procedure and permit conditions	Public Works and Utilities Department	Complete 10 years after effective date of permit
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	Public Works and Utilities Department	Complete ongoing outfall screening on completion of IDDE program

Part III: Stormwater Management Program Summary (continued)

[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 controls	Enact procedures to require submission of as-built plans and ensure long term operations and maintenance as part of the SWMP	Planning and Development Department; City Engineer	Require submission of as-built plans for completed projects; Track # of as built plans completed
Reduction in impervious cover - City Wide	Draft an ordinance amendment requiring limits on new impervious area and requiring reductions in existing impervious area	Planning and Development Director and Public Works Director	Complete 4 years after effective date of permit and report annually on retrofitted properties
Determine feasibility and allow for green infrastructure implementation	Report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist	Planning and Development Department	Complete 4 years after effective date of permit and implement recommendations of report
Street design and parking lot guidelines	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 and Development; Public Works and Utilities Department	Complete 4 years after effective date of permit and implement recommendations of report
Ensure stormwater controls or management practices for new development and redevelopment meet the retention and treatment requirements of the permit	Adoption, amendment or modification of a regulatory mechanism to meet permit requirements	City Engineer, Public Works Director and Planning and Development Director	Complete 4 years after effective date of permit

[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
Operation and Maintenance (O&M) Procedures	Create written O&M procedures including requirements for parks and open spaces, buildings and facilities, and vehicles and equipment	Public Works and Utilities Department	Number of adopted O&M procedures	Year 2
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Prepare inventory	Public Works and Utilities; Planning; Recreation Division	Completion of inventory	Year 2
Infrastructure Operations and Maintenance	Establish and record annually implementation of program activities for maintenance, repair and rehabilitation of MS4 infrastructure	Public Works and Utilities Department	Number of annual inspection reports	Year 2
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for municipal properties or individual facilities per requirements	Public Works and Utilities Department; Planning and Development	Number of SWPPPs for city owned properties	Year 4
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, ensure proper storage of basin cleanings	Public Works and Utilities Department	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material moved annually.; Track # of basins cleaned annually	Year 2

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applicable,

[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 drop-down 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.

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

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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.

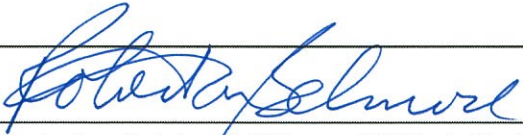
Name:

Robert M. Belmore

Title:

City Manager

Signature:


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

Date:

9-28-18

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



Legend

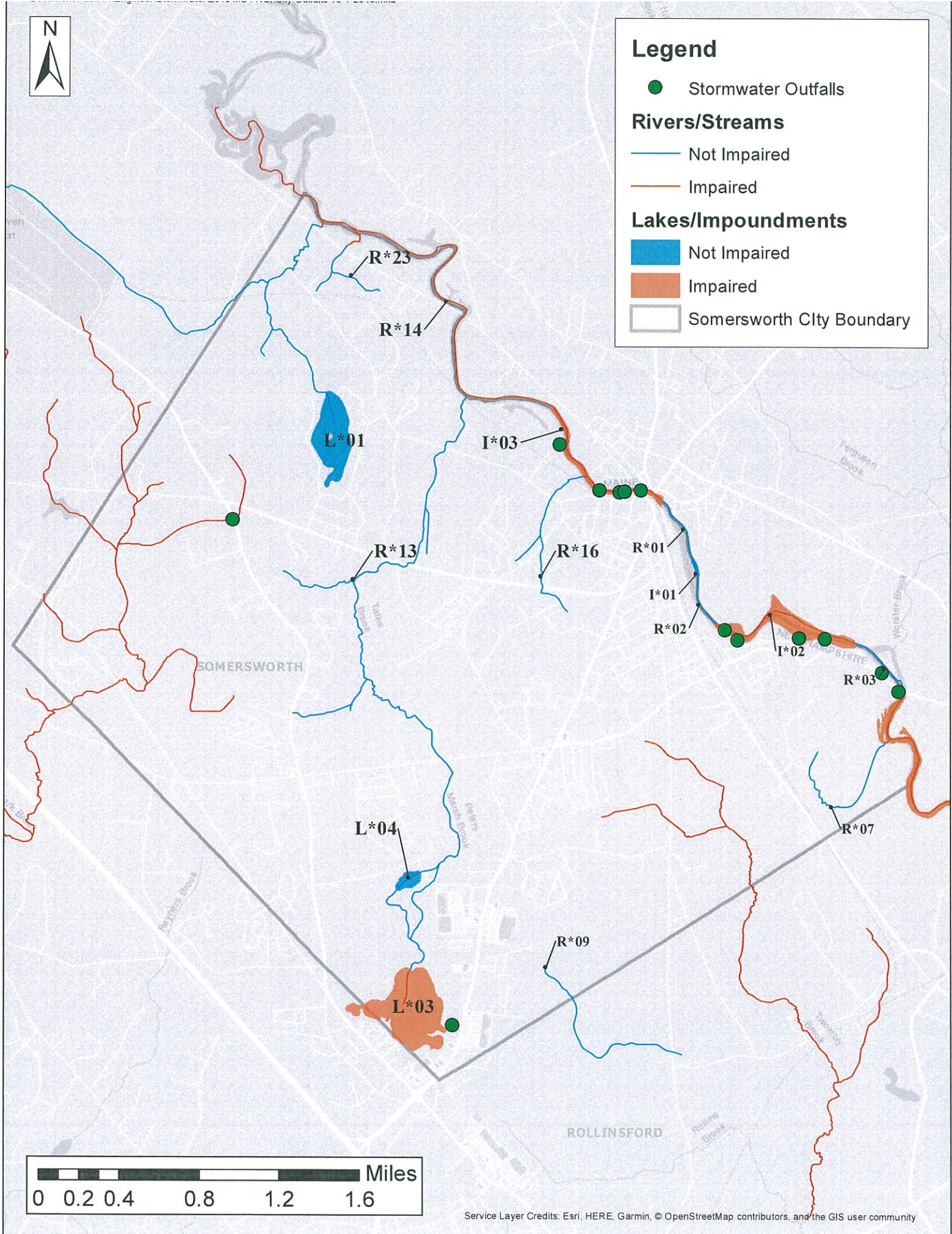
- Stormwater Outfalls

Rivers/Streams

- Not Impaired
- Impaired

Lakes/Impoundments

- Not Impaired
- Impaired
- Somersworth City Boundary



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