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

Part I: General Conditions

General Information

Name of Municipality or Organization: Town of Rollinsford State: NH

EPA NPDES Permit Number (if applicable): NHR 041029

Primary MS4 Program Manager Contact Information

Name: Michael Rollo Title: Chair Select Board

Street Address Line 1: PO Box 309

Street Address Line 2: 667 Main St

City: Rollinsford State: NH Zip Code: 03869

Email: selectboard@rollinsford.nh.us Phone Number: (603) 742-2510

Fax Number: (603) 740-0254

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 ☐ 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)* 100%

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

Web address where MS4 map is published: rollinsford.NH.US

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)* Yes — Effective Date or Estimated Date of Adoption (MM/DD/YY): 01/31/19

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): 02/06/18

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): 02/06/18

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
Salmon Falls estuary that is sampled in Dover, NHEST600030406-01,E*01 (No Outfalls in Rollinsford)		☐	☒	☒	☒	☐	☐	☐	☐	☒	Dioxin, Fecal Coliform, Mercury, PH,
Salmon Falls River-South Berwick. Dam impoundment, NHIMP600030406-04, I*04	3	☐	☒	☐	☐	☐	☐	☐	☒	☐	Mercury,Non Native aquatic plants, PH
Salmon Falls River, NHRIV600030406-04, R*04 (located between Library and Rollinsford dam)	1	☐	☐	☒	☐	☐	☐	☐	☐	☐	Mercury
For a listing of all impaired waterbody segments in Rollinsford, refer to the attached spreadsheet		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐	☐	☐	☐	☐	☐	☐	☐	

Click to lengthen table

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 Imple-mentation**
Brochures/Pamphlets/ posters	Fertilizer,Pet waste, Leaf & Yard waste and Private Septic Fulfills requirements for Nitrogen and Bacteria impairments	Residents(4 messages per yr)	Selectboard	# of materials mailed, hits to blog, # of septic system pump outs per Yr	2019
Brochures/Pamphlets	Fertilizer, Leaf & yard waste, private septic, etc, (Being developed with Seacoast Coalition) Fulfills Nitrogen and bacteria impairments	Businesses, Institutions and Commercial Facilities (1 message per Yr)	Selectboard	# of materials mailed,	2019
Brochures/Pamphlets	Fertilizer, Leaf & yard waste, private septic, etc, (Being developed with Seacoast Coalition) Fulfills Nitrogen and bacteria impairments	Developers (construction)(1 message per yr)	Planning/zoning Department	# of materials given to developers by Town Office	2020
Brochures/Pamphlets	Fertilizer, Leaf & yard waste, private septic, etc, (Being developed with Seacoast Coalition) Fulfills Nitrogen and bacteria impairments	Industrial Facilities, (1 message per yr)	Selectboard	# of materials mailed	2020

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

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	Public Meeting - Stormwater	Selectboard	Allow annual review of stormwater management plan and posting of stormwater management plan on website	2019
Public Participation	SWMP Review, hazardous waste day, Roadside cleanups	Selectboard	Allow public to comment on stormwater management plan annually	2019

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 overwritten)
SSO inventory	Develop SSO inventory in accordance of permit conditions	DPW Operations	Complete within 1 year of effective date of permit
Storm sewer system map	Create map and update during IDDE program completion	Select board	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	Select board	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 Operations	Complete 10 years after effective date of permit
Employee training	Train employees on IDDE implementation	Select board	Train annually
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	Select board	Complete 3 years after effective date of permit
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	Select board	Complete 10 years after effective date of permit
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	Select board	Complete ongoing outfall screening on completion of IDDE program

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

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)
Site inspection and enforcement of Erosion and Sediment Control (ESC) measures	Complete written procedures of site inspections and enforcement procedures	Select board	Complete within 1 year of the effective date of permit
Site plan review	Complete written procedures of site plan review and begin implementation	Planning/zoning Department	Complete within 1 year of the effective date of permit
Erosion and sediment control	Adoption of requirements for construction operators to implement a sediment and erosion control program	Select board	Complete within 1 year of the effective date of permit
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	Select board	Complete within 1 year of the effective date of permit

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	The procedures to require submission of as-built drawings and ensure long term operation and maintenance will be a part of the SWMP	Select board	Require submission of as-built plans for completed projects
Target properties to reduce impervious areas	Complete an inventory and priority ranking of permitee-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	Select board	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	Select board	Complete 4 years after effective date of permit and implement recomendations 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.	Select board	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 and consistent with the Southeast Watershed Alliance's Model Stormwater Standards for Coastal Watershed Communities	Adoption, amendment, or modification of a regulatory mechanism to meet permit requirements	Select board	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 Imple-mentation**
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	Select board	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	Select board	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	Select board	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	Select board	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 Operations	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 permitee-owned parking lots in accordance with permit conditions	DPW Operations	Sweep all streets and permitee-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 Operations	Implement salt use optimization during deicing season	2019

Inspections and maintenance of stormwater treatment structures	Establish and implement inspection and maintenance procedures and frequencies	DPW Operations	Inspect and maintain treatment structures at least annually	2019

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.

Applicable TMDL	Action Description	Responsible Department/Parties (enter your own text to override the drop down menu)
New Hampshire Statewide (Bacteria)	Adhere to requirements in Part II.1 of Appendix F	Selectmen

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 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.**

Pollutant	Waterbody ID(s)	Action Description	Responsible Department/Parties (enter your own text to override the drop down menu)
E. Coli	NHIMP600030406-04	Adhere to requirements in part III of Appendix H	Select Board
		Adhere to requirements in part III of Appendix H	
		Adhere to requirements in part III of Appendix H	

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.

The stormwater management plan will focus on the outfalls to the Salmon Falls River which originate from the Town of Rollinsford's stormwater catch basin infrastructure in the center of the urban area. The Town of Rollinsford's stormwater infrastructure on the perimeter of the town does not appear to directly discharge to impaired brooks and creeks that feed into Fresh Creek watershed. A study has identified four outfalls to the Salmon Falls River and no outfalls to the Fresh Creek watershed. The SWMP will include public outreach to all urban areas in Rollinsford to reduce possible bacteria, nitrogen, and phosphorus impairments.
A spreadsheet has been included that identifies all impaired water bodies in Rollinsford. The website: https://www4.des.state.nh.us/nh-ms4/?page_id=18 will be a resource available to Rollinsford residents which the Town will reference outreach materials.

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

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:	Michael Rollo	Title:	Select Board Chairman
Signature:	Michael Rollo	Date:	09/24/19

[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

Impaired Water Bodies - Rollinsford, 2016

AUID	AUID Label	Waterbody Name	Impairmen	Parameter Type	Parameter Level	In MS4
NHEST600030406-01	E*01	SALMON FALLS RIVER	5-P	~~Chlorophyll-a~~	5-M	Yes
				~~Chlorophyll-a~~	5-P	**however, no**
Two key questions:				~~Dioxin (including 2,3,7,8-TCDD)~~	5-M	**stormwater**
1. Is there MS4 infrastructure in the area ? This includes roads, catch basins, curbs, gutters, ditches,				~~Dissolved oxygen saturation~~	5-P	**discharge**
manmade channels, stormdrains.				~~Enterococcus~~	4A-M	**exists**
2. Is there a stormwater discharge to the impaired water ? It may be a traditional pipe, swale, or				~~Fecal Coliform~~	4A-P	**The water**
gutter that leads to the river from the MS4.				~~Mercury~~	5-M	**sample was**
If the answer to both questions is yes, then the area discharges to the impaired water and must meet				~~Nitrogen (Total)~~	5-M	**taken in Dover**
all applicable requirements of Appendix H during the permit term.				~~Nitrogen (Total)~~	5-P	
Note: The Rollinsford stormwater management plan will focus on the identified outfalls to the Salmon				~~Oxygen, Dissolved~~	5-P	
Falls river and associated stormwater infrastructure.				~~pH~~	5-M	
				~~Polychlorinated biphenyls~~	5-M	
NHIMP600030406-03	I*03	SALMON FALLS RIVER - ROLLINSFORD DAM	5-M	~~Mercury~~	4A-M	No
				~~Non-Native Aquatic Plants~~	4C-P	
				~~pH~~	5-M	
NHIMP600030406-04	I*04	SALMON FALLS RIVER - SOUTH BERWICK DAM	5-M	Chlorophyll-a	5-M	Yes
				Escherichia coli	4A-M	
				Mercury	4A-M	
				Non-Native Aquatic Plants	4C-P	
				pH	5-M	
NHLAK600030608-01	L*01	FRESH CREEK POND	5-M	~~Dissolved oxygen saturation~~	5-M	Yes [Dover]
				~~Escherichia coli~~	4A-P	
				~~Mercury~~	4A-M	
				~~pH~~	5-M	
NHRIV600030406-04	R*04	SALMON FALLS RIVER	4A-M	Mercury	4A-M	Yes
				Oxygen, Dissolved	4A-M	
NHRIV600030608-08	R*08	FRESH CREEK - TWOMBLY BROOK	5-P	~~Dissolved oxygen saturation~~	5-M	Yes
				~~Escherichia coli~~	4A-M	**However no**
				~~Mercury~~	4A-M	**stormwater**
				~~Oxygen, Dissolved~~	5-P	**discharge**
				~~pH~~	5-M	**exists**
NHRIV600030608-10	R*10	ROLLINS BROOK	5-P	~~Dissolved oxygen saturation~~	5-M	Yes
				~~Escherichia coli~~	4A-P	**However no**
				~~Mercury~~	4A-M	**stormwater**
				~~Oxygen, Dissolved~~	5-P	**discharge**
				~~pH~~	5-M	**exists**
NHRIV600030608-11	R*11	FRESH CREEK	4A-P	~~Escherichia coli~~	4A-M	Yes
				~~Escherichia coli~~	4A-P	**no stormwater**
				~~Mercury~~	4A-M	**discharge**

	Stormwater Impairments
	Other pollutant(s)
~~Strikethrough~~	Don't need (not in MS4 area or a stormwater discharge does not exist)

United States Department of the Interior

FISH AND WILDLIFE SERVICE

New England Field Office
70 Commercial St, Suite 300
Concord, NH 03301-5087
http://www.fws.gov/newengland

September 24, 2018

To whom it may concern:

The U.S. Fish and Wildlife Service (USFWS) reviewed the stormwater discharge activities associated with the 2016 National Pollutant Discharge and Elimination System (NPDES) Massachusetts (MA) Small Municipal Separate Storm Sewer System (MS4) general permit (MA MS4 General Permit) issued by the Environmental Protection Agency (EPA). We determined those activities may affect, but are not likely to adversely affect, certain species listed under the Endangered Species Act (ESA) of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) when specific conditions are met. When these conditions are met, we do not need to review individual projects. These comments are provided in accordance with section 7 of the ESA and complement existing 2016 MA MS4 General Permit Appendix C Guidance. We understand the applicant is acting as a non-Federal representative of the EPA for the purpose of consultation under section 7. **This letter provides additional guidance for meeting Criterion B and should be submitted as part of your application package to the EPA.**

If the USFWS Information for Planning and Consultation website (https://ecos.fws.gov/ipac/) indicates your MA MS4 General Permit project action area may contain one or more of the following federally listed endangered species: roseate tern (*Sterna dougallii*), northern red-bellied cooter (*Pseudemys rubriventris*), dwarf wedgemussel (*Alasmidonta heterodon*), rusty patched bumble bee (*Bombus affinis*), northeastern bulrush (*Scirpus ancistrochaetus*), or American chaffseed (*Schwalbea americana*); threatened species: piping plover (*Charadrius melodus*), bog turtle (*Glyptemys muhlenbergii*), Puritan tiger beetle (*Cicindela puritana*), northeastern beach tiger beetle (*Cicindela dorsalis*), or red knot (*Calidris canutus rufa*); or their federally designated critical habitat; and the specific conditions listed below are met, you may submit this letter to complete the **MA MS4 General Permit Appendix C: Step 4** in place of a concurrence letter for informal consultation as documentation of ESA eligibility for **USFWS Criterion B**.

In addition, this letter also satisfies the requirement in the **MA MS4 General Permit Appendix C: Step 2 (3)** to contact the USFWS and obtain a concurrence letter, if you have not yet done so. If your project action area includes one or more of the above-listed species *and* one or more of the

species listed under **Criterion C,**[1] you may still use this letter to certify under **Criterion B**. All existing guidance regarding requirements for certifying eligibility according to the USFWS Criterion A, B, or C for coverage by the 2016 MS4 Permit (see MA MS4 General Permit Appendix C – Endangered Species Guidance) remains unchanged.

We have determined that proposed stormwater discharge activities covered under the 2016 MS4 Permit *may affect, but are not likely to adversely affect*, the above-listed species and the species' critical habitat when the following are true:

1. all stormwater discharges are pre-existing or previously permitted by EPA;
2. any planned operations and maintenance work covered by this permit will only affect previously disturbed areas where stormwater controls are already installed. In these situations the chance of encountering any of the subject species is discountable;
3. the project implements EPA MS4 Best Management Practices (BMPs) and meets Clean Water Act and Massachusetts Water Quality Standards. Although permitted discharges may reach the environment used by these species, BMPs reduce pollutants to the extent that discharges are not known to have measurable impacts on these species or their habitat;
4. no new construction or structural BMPs are proposed under this permit at this time; and
5. you agree that if, during the course of the permit term, you plan to install a structural BMP not identified in the Notice of Intent (NOI), you will re-initiate consultation with the USFWS as necessary (see **MA MS4 General Permit Appendix C: Step 2 (5)**).

If the above criteria are met, further consultation with the USFWS under section 7 of the ESA is not required at this time; however, if the proposed action changes in any way such that it may affect a listed species in a manner not previously analyzed or if new information reveals the presence of additional listed species that may be affected by the project, the applicant or the EPA should contact us immediately and suspend activities that may affect those species until the appropriate level of consultation is completed with our office. Thank you for your cooperation, and please contact David Simmons of this office at (603) 227-6425 if you have questions or need further assistance.

Sincerely yours,

Thomas R Chapman
Supervisor
New England Field Office

---

[1] Criterion C includes guidance for project action areas that may contain species for which EPA has already made a determination. These species include the northern long-eared bat (*Myotis septentrionalis*), sandplain gerardia (*Agalinis acuta*), small whorled pogonia (*Isotria medeoloides*), and/or American burying beetle (*Nicrophorus americanus*) (MA MS4 General Permit Appendix C: Step 3 – Determine if You Can Meet Eligibility USFWS Criterion C).