# 2018 MS4 STORMWATER PERMIT NOTICE OF INTENT (NOI) GUIDE

NH Seacoast Stormwater Coalition

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# Part 1 - General Information

### **General Information**

List the name of your municipality and New Hampshire's EPA NPDES Permit Number – NHR041000.

### **Program Manager Contact Information**

This should be the contact information of the individual certifying the NOI in Part V and is typically a town administrator, select board or city council.

### Other Information

If your municipality was subject to the 2003 MS4 Permit, they you need to indicate the website or physical location of your Stormwater Management Program (SWMP).

### **Eligibility Determination**

# **Endangered Species:**

Use Fish and Wildlife Service IPAC Tool - https://ecos.fws.gov/ipac/

### Select the applicable finding:

- Criteria A Are there any Endangered Species? If No, Select A
- Criteria B Does your MS4 area have a dwarf wedge mussel, northeast bulrush, Piping Plover, Roseate Tern, Jessup Milk-vetch? If Yes, will your discharge activities likely to affect listed species? Call US Fish and Wildlife Service for consultation (603) 223-2541
- Criteria C Does your MS4 are have a Northern long-eared bat or Small whorled Pogonia and not any species listed in Criteria B OR did you contact EPA and they agree that your discharge activities will have no affect?

### National Historic Preservation Act

- Criteria A Was were you subject to the 2003 MS4 Permit? If so, you are considered a previously authorized facility. Select Criteria A.
- Criteria B If you were not subject to the 2003 MS4 Permit, are there any permit activities planned that will disturbed less than 1 acre? If No, select Criteria A. If Yes, is the property listed on the National Register of Historic Places or otherwise a historic property? If No, Select Criteria B. If Yes Select Criteria C.
- Criteria C: Contact the NH Division of Historical Resources (603-271-3483) to discuss any potential impacts planned permit activities may have on historic resources. If impact is likely, working with the NH Division of Historical Resources will require selecting Criteria D.

Notice of	Intent (NOI) for	cover	age und	er Smal	I MS4 Genera	al Permit Page 1 of
Part I: General Conditions						
General Information						
Name of Municipality or Orga	nization:				510	ite: NH
EPA NPDES Permit Number (if	applicable):					
Primary MS4 Program N	lanager Contact Inf	ormatic	on			
Name:		Title:				
Street Address Line 1:						
Street Address Line 2:						
City:			State: N	Н	Zip Code:	
Email:		Phone !	Number:			
Fax Number:					_	
Other Information						
Stormwater Management Pro (web address or physical location						
Eligibility Determinatio	n					
Endangered Species Act (ESA)	Determination Comple	te?			Eligibility Criteria (check all that apply)	DA DB DC
	Act (NHPA) Determination				Eligibility Criteria (check all that apply)	A _ B _ C _

### **MUNICIPALITIES COVERED UNDER 2003 MS4 PERMIT ONLY**

### **MS4 Infrastructure**

If your municipality was covered under the 2003 MS4 Permit, then a map of outfalls within your MS4 area was required to be completed. The percentage of outfall map completed should located in past MS4 Annual Reports. Indicate how much of the mapping has been completed (paper maps are fine!) and if not 100%, then estimate a date of completion. Under the 2017 MS4 Permit, an update of this map must be completed by Year 2 under Section 2.3.4.5 with a detailed outfall map required by Year 10 of the Permit. Note that your municipality's Urbanized Area covered under the MS4 Permit may have changed since the 2003 Permit was issued.

## **Regulatory Authorities**

Indicate whether any of the following regulations, either through selectmen/city council ordinance, coning ordinance, or site

council ordinance, zoning ordinance, or site plan/subdivision regulations, have been adopted and when:

- IDDE Authority
- Construction Erosion and Sediment Control
- Post- Construction Stormwater Management

# **Notes**

All past MS4 Annual Reports submitted to EPA can be located at:

https://www.epa.gov/npdes-permits/2003-small-ms4-general-permit-archives-massachusetts-new-hampshire#nh

# **Part II – Summary of Receiving Waters**

The list of waters receiving stormwater discharges and their impairments (if any) form the basis of your MS4 program. Under Part II you are asked to list all waterbodies that your MS4 area discharges to, the number of outfalls, and list if that waterbody has a stormwater related impairment and/or any non-stormwater impairment. The Seacoast Stormwater Coalition worked with Rockingham Planning Commission and Strafford Regional Planning Commission to develop maps and tables to assist municipalities in completing Part II of the NOI. Maps, tables and associated GIS files were developed for the impaired waters list for 2012, 2014, and 2016. The majority of municipalities and waterbodies should utilize the 2016 maps and tables. EPA has not fully accepted the 2016 NH 303(d) list as of August 15, 2018. A listing of those waterbodies not accepted is available in Appendix B.

Notice of Int	ent (NOI) fo	r co	ve	rage	un	de	r Sr	nall	MS	4 G	eneral Permit
Part II: Summary of Receiving Waters											
Please list the waterbody segments to which your MS4 disc impairments.	harges. For each	wate	erbo	dy segr	nen	t, ple	ase	eport	the r	uml	per of outfalls discharging into it and, if applicable, any
New Hampshire list of impaired waters: <u>http://des.nh.gov/org</u> .	anization/divisions	s/wa	ter/v	/mb/sw	ıqa/						
Check off relevant pollutants for discharges to impaired wa pollutants in the last column, if applicable.	terbodies (see ab	ove :	303(	d) lists)	with	nout	an a	pprove	ed TN	ИDL	in accordance with part 2.2.2 of the permit. List any other
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
Utilize your MS4 map to determine waterbody IDs and											List any other pollutants not listed in the columns at left.
impairments for all waters within your MS4 area your municipality discharges to.											
These maps and associated tables can be located on the Seacoast Stormwater Coalition website at: https://www4.des.state.nh.us/nh-ms4/?page_id=54											

All maps and associated tables may be found by town and year at: <a href="https://www4.des.state.nh.us/nh-ms4/?page\_id=54">https://www4.des.state.nh.us/nh-ms4/?page\_id=54</a>
Due to the complexity of the information provided in the maps, it is recommended that municipalities contact their RPC or SRPC with any questions:

Rockingham Planning Commission (603)778-0885 Strafford Regional Planning Commission (603)994-3500

# **Notes**

### What is an outfall?

In determining the "Number of outfalls into receiving waters segment", municipalities should utilize either their existing outfall map or should identify the approximate locations of outfalls that meet the definition below on a map. (Using a printed map and marking approximate locations of outfalls is fine – a detailed outfall map is not required until Year 10 of the permit.)

MS4 Permit Outfall Definition— "a point source as defined by 40 CFR 122.2 (and below) at the point where a municipal separate storm sewer discharges to waters of the United States and does not include open conveyances connecting two municipal separate storm sewers, or pipes, tunnels or other conveyances which connect segments of the same stream or other waters of the United States and are used to convey waters of the United States. (2017 NH Small MS4 General Permit - Appendix A)

To help with prioritization of outfalls for future permit requirements (such as sampling), the Seacoast Stormwater Coalition adopted the following description at the November 26, 2017 meeting about what to consider when determining outfalls in your municipality. An outfall is "a point where the end of a pipe or other manmade BMP discharges as the outfall point most proximal to impair water segments"

# **MS4 Maps and Tables**

The following is the table key for the MS4 Maps.

### **AUID**

Assessment Unit Identification

### **AUID Label**

Map Label (Please note that AUIDs Labels are by watershed. A municipality may have more than one "E\*01" within its boundaries, but only one will be one "E\*01" per watershed. Watersheds boundaries are delineated with the purple hashed lines.)

### **Waterbody Name**

Name as identified by NHDES; some waterbodies are unnamed.

### **Impairment Level**

Overall impairment status of a waterbody. See key on map.

## **Parameter Type**

Pollutants not meeting state water quality standards, including non-stormwater pollutants. Stormwater pollutants under the MS4 Permit are: Chloride, Chlorophyll-a, Dissolved Oxygen, DO Saturation, Nitrogen, Phosphorus, TSS, Solids, Turbidity, E.coli, and Enterococcus.

### **Parameter Level**

Specific pollutant status as related to state water quality standards. See key on map for details.

### 2012 Effective

If yes, then the 2012 303(d) Impaired Waters List is the impairment status that should be utilized.

### In MS4

The waterbody is located within an MS4 area. Please note that a waterbody may not be located with your municipalities MS4 area but that of an adjacent municipality's MS4 area. This can be verified by looking at your municipality's map

### Impaired Water Bodies - Newmarket, 2016

AUID	AUID Label	Waterbody Name	Impairment Level	Parameter Type	Parameter Level	2012 Effective	In MS4
NHEST600030709-01-02	E*01-02	LAMPREY RIVER SOUTH	5-P	Chlorophyll-a	5-M		Yes
				Dioxin (including 2,3,7,8-TCDD)	5-M		
				Enterococcus	4A-M		
				Estuarine Bioassessments	5-P		
				Light Attenuation Coefficient	5-P		
				Mercury	5-M		
				Nitrogen (Total)	5-M		
				Nitrogen (Total)	5-P		
				Polychlorinated biphenyls	5-M		

# **Part III – Stormwater Management Program Summary**

# Minimum Control Measure 1: Public Education and Outreach (Section 2.3.2)

The purpose of this requirement is to section is "implement an education program that includes educational goals based on stormwater issues of significance within the MS4 area. The ultimate objective of a public education program is to increase knowledge and change behavior of the public so that pollutants in stormwater are reduced."

2.3.2.1. – The educational program shall define educational goals, express specific messages, define the targeted audience for each message, and identify responsible parties for program implementation. At a minimum, the program shall provide information concerning the impact of stormwater

discharges on water bodies within the community, especially those waters that are impaired or identified as a priority waters. The program shall identify steps and/or activities that the public can take to reduce the pollutants in stormwater runoff and their impacts to the environment.

This minimum control measure requires that the educational program include education and outreach efforts for the following four audiences.

- 1. Residents
- Businesses, institutions (private colleges, private schools, hospitals) and commercial facilities
- 3. Developers (construction)
- 4. Industrial facilities (if existing in MS4 area)

Each audience must receive a minimum of two educational messages over the five year permit term.

# **Notes**

For Water Quality Limited Waterbodies (Permit Appendix H) and waterbodies with bacterial TMDLs additional education and outreach requirements are required and may be counted as part of the general education and outreach requirements. See Appendix A for more detail.

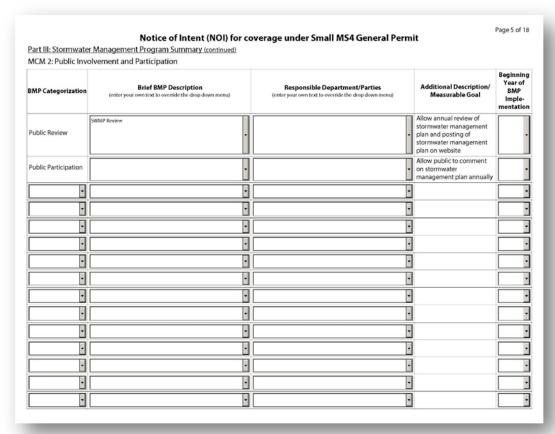
		be employed to address each of the six			
	outreach BMPs also re		responsible parties/departments, measurable goals, -down menus in each table or enter your own tex		
BMP Media/Category enter your own text to override the drop down menu)	BMP Description	Targeted Audlence	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal	Beginnin Year of BMP Imple- mentation
_		Residents	_		
		Businesses, Institutions and Commercial Facilities			
•		Developers (construction)	_		
•		Industrial Facilities	·		
•		Residents			
		Businesses, Institutions and Commercial Facilities			
		Developers (construction)	·		
		Industrial Facilities			
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# Minimum Control Measure 2: Public Involvement and Participation (Section 2.3.3)

The purpose of this requirement is to provide opportunities to engage the public to participate in the review and implementation of the permittee's Stormwater Management Program (SWMP). There are three main actions required of each municipality under this requirement: 1) Have the SWMP and annual reports available to the public, 2) Allow public participation in reviewing and implementing the SWMP, and 3) Report on activities that have allowed for public participation annually. A suggested action plan to comply with all three tasks is detailed below:

**Public Review -**The Stormwater Management Program and all annual reports shall be available to the public.

- Action: Post SWMP and annual reports to the municipal website and make available printed copies of these documents in the Clerk's Office, Public Library and Town/City Hall.
- Action: The Department of Public Works (or party responsible for preparing the SWMP and permit compliance) shall coordinate with the Council or Selectmen to hold a public meeting or workshop to review the SWMP and engage public input. Notice of a public meeting should be posted in 3 publicly accessible locations in the town/city. If a public hearing is held, the hearing should be noticed in a local newspaper 10 days in advance and posted in 3 publicly accessible locations in the town/city (see RSA 676:4 and 675:7).
- Action: Instructions shall be posted to the municipal website, Clerk's Office, Public Library and City/Town Hall describing the procedure for submitting comments on the SWMP.
- Action: Public comments on the SWMP shall be compiled (e.g. mailed, emailed etc.) and a status of action on each comment noted, and these comments shall be made available to the public on the municipal website and at Town/City Hall.



**Public Participation** - Public participation is defined by activities such as but not limited to websites, hotlines, clean up teams, monitoring teams, or an advisory committee. Provide annually an opportunity for the public to participate in the review and implementation of the SWMP.

- Action: The Department of Public Works (or other assigned party) shall coordinate with the Town/City Council or Board of Selectmen to hold a public meeting or workshop to review the SWMP and engage the public in its implementation.
- Action: The Department of Public Works (or party responsible for preparing the SWMP and permit compliance) shall coordinate with the Conservation Commission, and local groups and civic organizations, and technical service/outreach and engagement providers (e.g. Regional Planning Commissions, UNH Cooperative Extension) to implement a public participation activity(ies) annually.

Annual Report - Report annually on activities undertaken to provide public participation opportunities.

• Action: The Department of Public Works (or other assigned party) is the responsible for annual reporting.

# Minimum Control Measure 3: Illicit Discharge Detection and Elimination (IDDE) Program (Section 2.3.4)

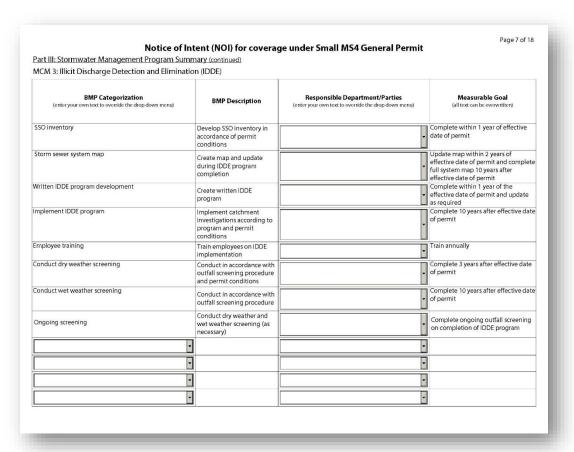
The objective of this requirement is to implement an Illicit Discharge Detection and Elimination (IDDE) program to systematically find and eliminate sources of non-stormwater discharge to its municipal separate storm sewer system and implement procedures to prevent such discharges. Illicit discharges include nearly anything that is not stormwater such as illegal dumping in storm drains, animal wastes, fertilizers, industrial and commercial waste, sewage, leaves, etc. Municipalities need to identify and remove non-stormwater discharges to their MS4 Area.

The following are the major tasks associated with this requirement:

- 1. Develop a Sanitary Sewer Overflow (SSO) inventory
- Map storm sewer system and update annually
- 3. Create written IDDE Program
- 4. Implement IDDE Program
- 5. Train employees annually on IDDE Program
- 6. Conduct dry weather screening
- 7. Conduct wet weather screening

# **Notes**

For municipalities with no sewer system the mapping and inventory requirements will not apply.



# Minimum Control Measure 4: Construction Site Stormwater Runoff Control (Section 2.3.5)

The objective of this requirement is have an effective construction stormwater runoff control program to minimize or eliminate erosion and maintain sediment on construction sites so that it is not transported in stormwater and allowed to discharge to a water of the U.S. through the municipality's MS4 Area. The construction site stormwater runoff control program shall apply to construction activities that result in a land disturbance of greater than or equal to one acre and must include the following:

- a. Adopt an ordinance or other regulatory mechanism that requires use of sediment and erosion controls including controls on other construction wastes.
- b. Prepare written procedures for site inspections and enforcement of sediment and erosion control measures, and responsible party for
  - inspections and authority to implement enforcement procedures including extent authorized by law to impose sanctions to ensure compliance. These procedures and regulatory authorities shall be documented in the SWMP (complete within 1 year).
- c. Develop requirements for construction operators to implement a sediment and erosion control program and BMP's.
- d. Develop requirements to control construction site wastes.
- e. Prepare written procedures for site plan review (complete within 1 year) including evaluation of opportunities to use low impact design and green infrastructure. Track the number of site reviews, inspections, and enforcement actions under the program.

		e under Small MS4 General Permit	Page 9 of 1
Part III: Stormwater Management Program Sumn MCM 4: Construction Site Stormwater Runoff Cor			
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		Complete within 1 year of the effective date of permit
Site plan review	Complete written procedures of site plan review and begin implementation		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		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		Complete within 1 year of the effective date of permit
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# **Notes**

Planning Boards, Select Boards, or City Councils may adopt stormwater runoff control standard regulations. Many communities choose to adopt these regulations as part of site plan and subdivision regulations though a public hearing process conducted by the Planning Board. Adoption of Southeast Watershed Alliance Model Stormwater Standards satisfies the MS4 Permit requirements under this section and portions of Minimum Control Measure 5 – Post-Construction Stormwater Management. The model ordinance can be found at:

https://www.unh.edu/unhsc/sites/default/files/media/swa stormwater-ord.pdf

# Minimum Control Measure 5: Post- Construction Stormwater Management in New Development and Redevelopment (Section 2.3.6)

The objective of this control is to minimize the water quality impact from new development and reduce the water quality impact due to stormwater runoff from a redeveloped site. The following are the various tasks associated with this requirement are outlined below, along with a suggested actin plan.

- 1) Adopt a post-construction stormwater management ordinance or regulatory mechanism (complete within 2 years). See Notes section below.
  - Action: Planning Board is the responsible party for adoption of post-construction stormwater management standards in Site Plan Review Regulations and Subdivision Regulations.

These regulations are adopted through a public hearing process with the Planning Board.

- 2) Develop a report assessing current street design and parking lot guidelines and other local requirements that affect the creation of impervious cover (compete within 4 years).
  - Action: Planning Board is the responsible develop this report. Recommend forming a Planning Board subcommittee to lead this effort and holding a series of workshops discuss to report development with the full Planning Board.
- 3) Develop a report assessing existing local regulations including, but not limited to, zoning and construction codes to determine the feasibility of making, at a minimum, the following green infrastructure practices allowable when appropriate site conditions exist: green roofs, infiltration practices, and water harvesting devises (complete within 4 years).
  - Action: Planning Board is the responsible party for developing this report Recommend forming a Planning Board subcommittee to lead this effort, in

MCM 5: Post-Construction Stormwater Managem	nent in New Development an	d 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		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		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		Complete 4 years after effective date of permit and implement recomendations o 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.		Complete 4 years after effective date of permit and implement recommendations of report

coordination with Dept. of Public Works, Building Inspector and/or municipal facility managers, and holding a series of workshops to discuss report development with the full Planning Board. Recommend inviting local developers and engineering firms to these workshops to gain insight into construction and design practices needed to achieve implementation of green infrastructure practices.

- 4) Complete an inventory and priority ranking of permitteeowned property and existing infrastructure that could be retrofitted with BMP's designed to reduce the frequency, volume and pollutant loads of stormwater discharges to its MS4 through the mitigation of impervious area (complete within 4 years).
  - Action: Department of Public Works is the responsible for completing this inventory. Recommend coordination with the Conservation Commission and local watershed associations/groups that may be able to provide technical assistance.

			Page 12 o
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	·	Complete 2 years after effective date of permit
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# **Notes**

Planning Boards, Select Boards, or City Councils may adopt stormwater runoff control standard regulations. Many communities choose to adopt these regulations as part of site plan and subdivision regulations though a public hearing process conducted by the Planning Board. Adoption of Southeast Watershed Alliance Model Stormwater Standards satisfies portions of MS4 Permit requirements under this section and Minimum Control Measure 4 – Post-Construction Site Stormwater Run-off Control. The model ordinance can be found at:

https://www.unh.edu/unhsc/sites/default/files/media/swa\_stormwater-ord.pdf

# Minimum Control Measure 6 : Municipal Good Housekeeping and Pollution Prevention. (Section 2.3.7)

The objective of this control is to implement operation and maintenance programs, including training, and has a goal of preventing or reducing pollutants from runoff from municipally owned facilities and roads. Keep in mind, this is required just for those facilities and roadways within the municipalities MS4 Area. Actions required under this requirement are required to begin During Year 1 or Year 2 of the permit and include the following:

- Operation and maintenance procedures for all parks and open spaces, buildings and facilities, and vehicles and equipment, including preparing an inventory.
- Record all program activities for maintenance, repair and rehabilitation on MS4 infrastructure. This will become very useful when completing your Annual Report.
- Create a Stormwater Pollution Prevention Plan for all municipal facilities.
- Establish a catch basin cleaning schedule so that they are not more than 50% full at any time.
- Sweep all curbed municipal streets and municipal parking lots (with curbing or not) annually.
- Implement a salt use optimization program during winter months. (NHDES's Green SnowPro Program is highly recommended for this purpose <a href="https://www.des.nh.gov/organization/divisions/water/wmb/was/salt-reduction-initiative/index.htm">https://www.des.nh.gov/organization/divisions/water/wmb/was/salt-reduction-initiative/index.htm</a>
- Implementation of a maintenance and inspection program for stormwater treatment structures.

MCM 6: Municipal Good Housekeeping and Pollu	ition 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)	500	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		→ ir	Complete and Implement 2 years after Iffective date of permit	•
nventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory		• e	Complete 2 years after effective date of permit and implement annually	
nfrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure			Complete 2 years after effective date of permit	
stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities			Complete 2 years after effective date of permit	
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		• a	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material moved annually	·
street sweeping program	Sweep all streets and permitee-owned parking lots in accordance with permit conditions		- F	Sweep all streets and permitee-owned parking lots once per year in the spring	·
Road salt use optimization program	Establish and implement a program to minimize the use of road salt		- 0	Implement salt use optimization during deicing season	

# Actions for Meeting Total Maximum Daily Load \*TMDL) Requirements

The Total Maximum Daily Load (TMDL) refers to the pollutant reductions a waterbody needs to meet New Hampshire's water quality standards. TMDL's develop a strategy to implement those reductions in order to restore the water quality. The general process by which TMDLs are developed includes identifying the problem pollutant, establishing of the water quality goals or target values needed to achieve water quality standards, identifying of the specific sources contributing the pollutant of concern, and then assigning a specific load allocation to each of the sources. Your municipality must follow the prescribed management actions in Appendix F of the NOI if you discharge to waterbody that has an established TMDL is impaired for any of the following pollutants: nitrogen, phosphorus, bacteria, chloride, suspended solids, or metals. Examples of actions required are additional outreach about the pollutant, modifying municipal regulations or activities, or installing structural Best Management Practices (BMPs).

Use your municipality's map and list of impaired waterbodies to complete the first column – Applicable TMDL- of page 15 of the NOI to list any waterbodies with an established TMDL. (All established TMDLS are also listed in the drop-down box.) In the "Action Description" column, simply list that you will adhere to the requirements of Appendix F. The responsible party listed for each waterbody should be the same as the person certifying the NOI in Part V.

# **Notes**

All TMDL Reports are available at NHDES <a href="https://www.des.nh.gov">www.des.nh.gov</a>, listed under the Total Maximum Daily Load program.

art III: Stormwater Management Program Summary (continued)		
ctions for Meeting Total Maximum Daily Load (TMDL) Requireme	ents	
se the drop-down menus to select the applicable TMDL, action description to rmore than one, <b>enter your own text to override drop-down menus.</b> If sub	meet the TMDL requirements, and the responsi mitting a NHDES approved alternative reduction	ble department/parties. If no options are applicable 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)
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# **Actions for Meeting Requirements to Water Quality Limited Waters**

Water quality limited waters are those waters that do not meet water quality standards for specific pollutants (nitrogen, phosphorus, bacteria, chloride, suspended solids, or metals) even after discharges of wastes from point sources (example: wastewater treatment facilities) have been treated by the minimum required levels of pollution control technology. Your municipality must follow the prescribed management actions in Appendix H of the NOI if you discharge to waterbody that is impaired for any of the following pollutants: nitrogen, phosphorus, bacteria, chloride, suspended solids, or metals. Examples of actions required are additional outreach about the pollutant, modifying municipal regulations or activities, or installing structural Best Management Practices (BMPs).

Use your municipality's map and list of impaired waterbodies to complete the first two columns of page 16 of the NOI to list any waterbodies impaired

for the pollutants listed above. In the "Action Description" column, simply list that you will adhere to the requirements of Appendix H. The responsible party listed for each waterbody should be the same as the person certifying the NOI in Part V as various tasks associated with this section will fall within the duties of several individual or groups, such as the road agent, planning board, or town administrator.

# **Notes**

Additional public education is required under this section of the Permit for certain pollutants. This education can count as part of the requirements of Minimum Control Measure 1 – Public Education and Outreach (page 4). The Seacoast Stormwater Coalition is working in collaboration with the Natural Resource Outreach Coalition (NROC) to develop materials to satisfy both requirements.

	gement Program Summary (continue		
is for Meeting Requi	irements Related to Water Quality L	imited waters	
drop-down menus to s	elect the pollutant causing the water qual	ty limitation and enter the waterbody ID(s) exp	eriencing excursions above water quality standards for applicable, or more than one, <b>enter your own text to</b>
de drop-down menus.	escription from the dropdown menu and if	rdicate the responsible party. If no options are	applicable, or more than one, <b>enter your own text to</b>
			1
Pollutant	Waterbody ID(s)	Action Description	Responsible Department/Parties (enter your own text to override the drop down menu)
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# Part IV - Notes and Additional Information

Part IV of the NOI is intended to be used to document any information that part(s) of the requirements of discharging to an impaired water (Section 2.2.2 of the Permit) are not applicable to your municipality's MS4 area. SCC is recommending that this area also be used to expand on any information provided in other sections of the NOI or to document unique situations that the municipality feels has impact on their status of discharging stormwater to an impaired waterbody.

### Examples of information:

- No municipally owned facilities or roadways exist within the urbanized area.
- Documentation of ongoing efforts to reduce stormwater, including water quality tests, being conducted by the Town are available at: www.website.gov.

# **Notes**

If your municipality has information or documentation that cannot fit into the available space, attachments may be submitted with your NOI to EPA. It is recommended that all attachments be listed within the additional information section.

se the space below to indicate the part(s) of 2.2.2 that you have identified as not applicable to your	MS4 and			
rovide all supporting documentation below or attach additional documents if necessary.				
Provide any additional information about your MS4 program below.				
lick to add text				

# **Part V - Certification**

The individual certifying that NOI is attesting that the information presented in the NOI is true, accurate and complete. In accordance with Appendix B, Subparagraph B.11, the signature on the certification must be the principle executive officer or ranking elected official in the municipality. This typical would be a Town Administrator, City Council or Select Board.

# **Notes**

The NOI is due by October 2, 2018 (90 days after the effective date or the permit). The NOI and its attachments can be e-mailed to <a href="mailto:stormwater.reports@epa.gov">stormwater.reports@epa.gov</a>.

Save a copy of the completed NOI for your records!

	Notice of Intent (NOI) for coverage under Small MS4 General Permit	Page 18 of 18
Part V: Certifica	cation	age to or to
accordance with submitted. Bas for gathering the complete. I have aware that the	penalty of law that this document and all attachments were prepared under my direction or superith a system designed to assure that qualified personnel properly gathered and evaluated the infased on my inquiry of the person or persons who manage the system, or those persons directly respective information, the information submitted is, to the best of my knowledge and belief, true, accurate no personal knowledge that the information submitted is other than true, accurate, and compere are significant penalties for submitting false information, including the possibility of fine and tor knowing violations.	ormation ponsible rate, and plete. I am
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EPA Sub	ubmittal Address:	
Ur	United States Environmental Protection Agency 5 Post Office Square - Suite 100 Mail Code - 0EP06-1 Boston, Massachusetts 02109-3912 ATTN: Thelma Murphy	

# **Appendix A - 2017 MS4 Permit Public Education and Outreach Requirements Summary**

**Minimum Control Measure #1: Permit Section 2.3.2 –** Excerpts from: <a href="https://www3.epa.gov/region1/npdes/stormwater/nh/2017-small-ms4-general-permit-nh.pdf">https://www3.epa.gov/region1/npdes/stormwater/nh/2017-small-ms4-general-permit-nh.pdf</a> pages 27to 29.

Objective: The permittee shall implement an education program that includes educational goals based on stormwater issues of significance within the MS4 area. The ultimate objective of a public education program is to increase knowledge and change behavior of the public so that pollutants in stormwater are reduced.

2.3.2.1. – The educational program shall define educational goals, express specific messages, define the targeted audience for each message, and identify responsible parties for program implementation. At a minimum, the program shall provide information concerning the impact of stormwater discharges on water bodies within the community, especially those waters that are impaired or identified as a priority waters. The program shall identify steps and/or activities that the public can take to reduce the pollutants in stormwater runoff and their impacts to the environment.

This minimum control measure requires that the educational program include education and outreach efforts for the following four audiences.

- 1. residents
- 2. businesses, institutions (private colleges, private schools, hospitals) and commercial facilities
- 3. developers (construction), and
- 4. industrial facilities

Each audience must receive a minimum of two educational messages over the five year permit term. HOWEVER!

Water Quality Limited Waterbodies Education and Outreach - Appendix H <a href="https://www3.epa.gov/region1/npdes/stormwater/nh/2017-appendix-h-sms4-nh.pdf">https://www3.epa.gov/region1/npdes/stormwater/nh/2017-appendix-h-sms4-nh.pdf</a>

If the MS4 discharges to impaired waterbodies for nitrogen, phosphorus, or bacteria, or waterbodies with bacteria total maximum daily loads (TMDLs) <a href="https://www3.epa.gov/region1/npdes/stormwater/nh/2017-appendix-f-sms4-nh.pdf">https://www3.epa.gov/region1/npdes/stormwater/nh/2017-appendix-f-sms4-nh.pdf</a>, then the messaging requirements change and get more prescriptive for some of the audiences within the impaired watershed (or town-wide if you wish). The two messages per permit term requirements still apply to the other audiences (baseline audiences). See flow chart for summary of messaging requirements based on impairments. For multiple impairments, any outreach can be combined. Contact Barbara McMillan, NHDES for more information at: <a href="maintage-barbara.mcmillan@des.nh.gov">barbara.mcmillan@des.nh.gov</a> or 603-271-7889.



# NH-MS4 Permit Education & Outreach Requirements (5 Year Permit Term)

### **Bacteria** Nitrogen or Phosphorus No Impairment (baseline) **Impairment Impairment** (or TMDL) **Audiences** Continue Audiences Continue w/ Audience w/ baseline 1. Residents 1. Residents baseline and /or Audiences 1. Residents 2. Businesses, Audiences Businesses, Institutions 1. Developers 1. Businesses. Institutions and Institutions, 2. Industrial Commercial and Commercial 2. Developers Commercial 3. Developers 3. Industrial Messages 4. Industrial 1 or 2 Messages targeted (pet Messages Messages Messages waste & septic 3 targeted 2 messages systems) (fertilizer, pet waste & 2 messages to 2 messages to message to the three yard waste) the four the two over annually to messages audiences audiences over the one permit term annually to over permit audience permit term one audience term 4 total 5 to 10 total 8 total 15 total

6 total

# **Appendix B – Waterbodies Not Accepted\* for NH 2016 303(d) Impaired Waters List**

Assessment Unit ID	Waterbody	
NHEST600030904-06-10	ADAMS POINT MOORING FIELD SZ	
NHEST600030904-04-06	ADAMS POINT SOUTH - COND APP	
NHEST600030904-06-11	ADAMS POINT TRIB	
NHEST600031001-05	BACK CHANNEL	
NHEST600030903-01-01	BELLAMY RIVER NORTH	
NHEST600030903-01-04	BELLAMY RIVER SOUTH	
NHEST600030903-01-03	BELLAMY RIVER SOUTH CLEMENT POINT	
NHEST600030904-04-02	CROMMET CREEK	
NHEST600031001-01-02	DOVER WWTF SZ-NH	
NHEST600030904-04-04	FABYAN POINT	
NHEST600030904-04-05	GREAT BAY - COND APPR	
NHEST600030904-02	GREAT BAY PROHIB SZ1	
NHEST600030904-03	GREAT BAY PROHIB SZ2	
NHEST600031002-02	LITTLE HARBOR	
NHEST600030904-06-18	LOWER LITTLE BAY	
NHEST600030904-06-15	LOWER LITTLE BAY GENERAL SULLIVAN BRIDGE	
NHEST600030904-06-14	LOWER LITTLE BAY MARINA SZ	
NHEST600030904-04-03	PICKERING BROOK	
NHEST600030904-06-12	U LITTLE BAY (SOUTH)	
NHEST600030904-06-19	UPPER LITTLE BAY	
NHEST600031001-01-01	UPPER PISCATAQUA RIVER-NH-NORTH	
NHEST600031001-01-03	UPPER PISCATAQUA RIVER-NH-SOUTH	
NHEST600031001-11	UPPER PORTSMOUTH HARBOR-NH	
NHEST600031001-08	WENTWORTH-BY-THE-SEA	

<sup>\*</sup> EPA has not accepted the complete 2016 303(d) List as of August 15, 2018.