

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

Part One: General Conditions

## General Information

Name of Municipality or Organization: **Town of Durham**

State: **New Hampshire**

EPA NPDES Permit Number (if applicable): **NHR041006**

## Primary MS4 Program Manager Contact Information

Name: **Michael Lynch**

Title: **Director of Public Works**

Street Address Line 1: **100 Stone Quarry Drive**

City: **Durham**

State: **NH**

Zip Code: **03824**

Email: **mlynch@ci.durham.nh.us**

Phone Number: **603-868-5578**

Fax Number: **603-868-8063**

## Other Information

### 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?)*

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 if 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)*

\*Ordinance #2013-08

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):

\*Planning Board adopted new Site Plan Review Regulations

**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):

\*Planning Board adopted new Site Plan Review Regulations



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 to text to override the drop down menu.**

MCM 1: Public Education and Outreach

BMP Media/Category	BMP Description	Targeted Audience	Responsible Department/Parties	Measurable Goal	Beginning Year of BMP Implementation
Web Page and other promotional materials	Use NH Stormwater Coalition outreach materials and guidance -implementing outreach for relevant impairments town wide.	Residents	NH Regional Stormwater Coalition  See: <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>	1) Increased awareness of how fertilizer works. 2) Increased awareness of pet waste impacts to water quality. 3) Increased awareness of yard waste impacts to water quality.	Yearly
Promotional Material	Use NH Stormwater Coalition outreach materials and guidance -implementing outreach for relevant impairments town wide.	Businesses, Institutions and Commercial Facilities	NH Regional Stormwater Coalition  See: <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>	See Residents	2019
Promotional Materials	Use NH Stormwater Coalition outreach materials and guidance for developers audience.	Developers (construction)	NH Regional Stormwater Coalition  See: <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>	Local developers aware of federal SW regulations	2019
Promotional Materials	Use NH Stormwater Coalition outreach materials and	Industrial Facilities	NH Regional Stormwater Coalition  See: <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>	Increased awareness of Industrial facilities permit	2020

	guidance for developers audience.		<a href="https://www4.des.state.nh.us/nh-ms4/?page_id=54">e.nh.us/nh-ms4/?page_id=54</a>		
Promotional Materials	Use NH Stormwater Coalition outreach materials and guidance for developers audience.	Developers (construction)	NH Regional Stormwater Coalition  See: <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>	Local developers aware of local SW regulations	2022
	NA- see previous page. Doing every year starting in 2019.	Businesses, Institutions and Commercial Facilities	NH Regional Stormwater Coalition  See: <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>		
	NA- See previous	Developers (construction)	NH Regional Stormwater Coalition  See: <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>		
Promotional Materials	No industrial facilities located in MS4, OR: use NH Stormwater Coalition outreach materials and guidance for industrial facilities.	Industrial Facilities	NH Regional Stormwater Coalition  See: <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>	Attendees to webinar.	2023

Part III: Stormwater Management Program Summary (continued)

MCM 2: Public Involvement and Participation

<b>BMP Categorization</b>	<b>Brief BMP Description</b>	<b>Responsible Department/Parties</b>	<b>Additional Description/ Measurable Goal</b>	<b>Beginning Year of BMP Implementation</b>
Public Review	SWMP Review: SWMP will be posted on the town/city website for public review. The SWMP will be reviewed annually and updated/revised as necessary.	Department of Public Works	Allow annual review of stormwater management plan and posting of stormwater management plan on website	Year 2
Public Participation	The SWMP will be presented or communicated by a "memo" annually to the public with opportunity for comment. Meeting minutes will record public comments.	Department of Public Works	Allow public to comment on stormwater management plan annually	Year 2

Part III: Stormwater Management Program Summary (continued)

MCM 3: Illicit Discharge Detection and Elimination (IDDE)

<b>BMP Categorization</b>	<b>BMP Description</b>	<b>Responsible Department/Parties</b>	<b>Measurable Goal</b>
Sanitary Sewer Overflow (SSO) inventory	Develop SSO inventory in accordance of permit conditions	Department of Public Works	Complete within 1 year of effective date of permit
Storm sewer system map	Create map and update during IDDE program completion	Department of Public Works	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit
Written IDDE program development	Create written IDDE program	Department of Public Works	Complete within 1 year of the effective date of permit and update as required
Implement IDDE program	Implement catchment investigations according to program and permit conditions	Department of Public Works	Complete 10 years after effective date of permit
Employee training	Train employees in IDDE implementation	Department of Public Works	Train annually
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	Department of Public Works	Complete 3 years after effective date of permit
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	Department of Public Works	Complete 10 years after effective date of permit
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	Department of Public Works	Complete ongoing outfall screening on completion of IDDE program

Part III: Stormwater Management Program Summary (continued)

MCM 4: Construction Site Stormwater Runoff Control

<b>BMP Categorization</b>	<b>BMP Description</b>	<b>Responsible Department/Parties</b>	<b>Measurable Goal</b>
Site inspection and enforcement of Erosion and Sediment Control (ESC) measures	Complete written procedures of site inspections and enforcement procedures	Department of Public Works/Planning Department	Complete within 1 year of the effective date of permit
Site Plan Review	Complete written procedures of site plan review and begin implementation	Department of Public Works/Planning 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	Department of Public Works/Planning Department	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	Department of Public Works/Planning Department	Complete within 1 year of the effective date of permit

Part III: Stormwater Management Program Summary (continued)

MCM 5: Post-Construction Stormwater Management in New Development and Redevelopment

BMP Categorization	BMP Description	Responsible Department/ Parties	Measurable Goal
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	Department of Public Works/Planning Department	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	Department of Public Works/Planning Department	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	Department of Public Works/Planning Department	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.	Department of Public Works/Planning Department	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	Department of Public Works/Planning Department	Complete 2 years after effective date of permit

Part III: Stormwater Management Program Summary (continued)

MCM 6: Municipal Good Housekeeping and Pollution Prevention

<b>BMP Categorization</b>	<b>BMP Description</b>	<b>Responsible Department/Parties</b>	<b>Measurable Goal</b>	<b>Beginning Year of BMP Implementation</b>
O&M procedures	Create written O&M procedures including all requirements contained in 2.3.7.1 for parks and open spaces, buildings and facilities, and vehicles and equipment	Department of Public Works	Complete and implement 2 years after effective date of permit	2020
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	Department of Public Works	Complete 2 years after effective date of permit and implement annually	2020
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	Department of Public Works	Complete 2 years after effective date of permit	2020
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	Department of Public Works	Complete 2 years after effective date of permit	2020
Catch basin cleaning	Establish schedule for catch basin cleaning such that each catch basin is no more	Department of Public Works	Clean catch basins on established schedule and report number of catch basins	2019

	than 50% full and clean catch basins on that schedule		cleaned and volume of material moved annually	
Street sweeping program	Sweep all streets and permittee-owned parking lots in accordance with permit conditions	Department of Public Works	Sweep all streets and permittee-owned parking lots once per year in the spring	2019
Road salt use optimization program	Establish and implement a program to minimize the use of road salt	Department of Public Works	Implement salt use optimization during deicing season	2020
Inspections and maintenance of stormwater treatment structures	Establish and implement inspection and maintenance procedures and frequencies	Department of Public Works	Inspect and maintain treatment structures at least annually	2020

Part III: Stormwater Management Program Summary (continued)

Actions for Meeting Total Maximum Daily Load (TMDL) Requirements

Choose the relevant TMDL conditions, action description to meet the TMDL requirements, and the responsible department/parties from the menu below. 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.

<b>Applicable TMDL</b>	<b>Action Description</b>	<b>Responsible Department/Parties</b>
No Applicable TMDL's apply		

Part III: Stormwater Management Program Summary (continued)

Actions for Meeting Requirements Related to Water Quality Limited Waters

Choose the relevant 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.**

<b>Pollutant</b>	<b>Waterbody ID(s)</b>	<b>Action Description</b>	<b>Responsible Department/ Parties</b>
E. Coli	Reservoir Brook R-10	Adhere to requirements in part III of Appendix H	Public Works, Town Council, Conservation Commission
E. Coli	College Brook R-09	Adhere to requirements in part III of Appendix H	Public Works, Town Council, Conservation Commission
E. Coli	Oyster River – Chelsey Brook R-04	Adhere to requirements in part III of Appendix H	Public Works, Town Council, Conservation Commission
E. Coli	Oyster River – Unnamed Brook R-05	Adhere to requirements in part III of Appendix H	Public Works, Town Council, Conservation Commission
Chloride	Reservoir Brook R-10	Adhere to requirements in part IV of Appendix H	Public Works, Town Council, Conservation Commission
Chloride	College Brook R-09	Adhere to requirements in part IV of Appendix H	Public Works, Town Council, Conservation Commission
E. Coli	Littlehale Creek (Beards and Littlehale) R11	Adhere to requirements in part III of Appendix H	Public Works, Town Council, Conservation Commission
E. Coli	Beards Creek (I06)	Adhere to requirements in part III of Appendix H	Public Works, Town Council, Conservation Commission
Enterococcus	College Brook R-09	Adhere to requirements in part III of Appendix H	Public Works, Town Council, Conservation Commission
Chloride	Oyster River-Mill Pond Dam (I04)	Adhere to requirements in part IV of Appendix H	Public Works, Town Council, Conservation Commission
E. Coli	Oyster River-Mill Pond Dam (I04)	Adhere to requirements in part III of Appendix H	Public Works, Town Council, Conservation Commission
E. Coli	Longmarsh Brook-Beaudette Brook (R08)	Adhere to requirements in part III of Appendix H	Public Works, Town Council, Conservation Commission
E. Coli	Longmarsh Brook-Beaudette Brook (R06)	Adhere to requirements in part III of Appendix H	Public Works, Town Council, Conservation

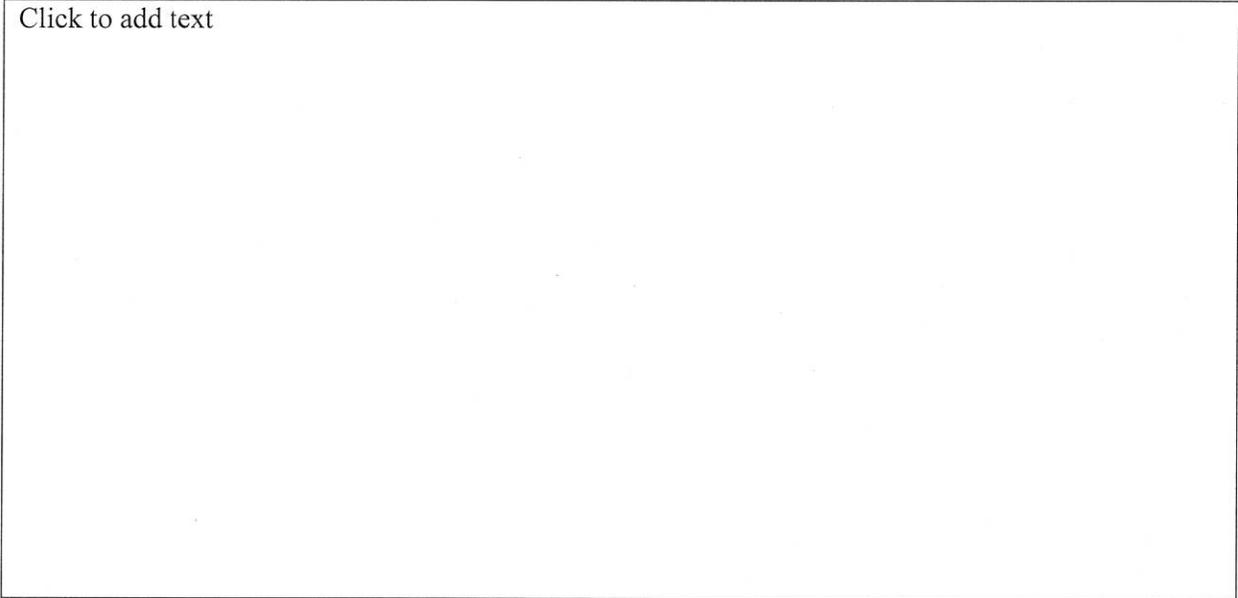
			Commission
Total Nitrogen	Oyster River-(E01-03)	Adhere to requirements in part I of Appendix H	Public Works, Town Council, Conservation Commission

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 possible to your MS4 and provide all supporting documentation below or attach additional documents if necessary.

Provide any additional information about your MS4 program below.

Click to add text



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: \_\_\_\_\_ Title: \_\_\_\_\_  
**Todd I. Selig**  
**Administrator**  
**Town of Durham**

Signature: \_\_\_\_\_ Date: 9/27/10

*[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.

**NOI Submission**

Please submit the form electronically via email using the "Submit by Email" button below or send in a CD with your completed NOI. You may also print and submit via mail using the address below if you choose not to submit electronically. The outfall map required in Part 1 of the NOI (if applicable) can be submitted electronically as an email attachment OR as a paper copy.

***Permittees that choose to submit their NOI electronically by email or by mailing a CD with the completed NOI form to EPA, will be able to download a partially filled Year 1 Annual Report at a later date from EPA.***

Submit by email via this email address: [stormwater.reports@epa.gov](mailto:stormwater.reports@epa.gov)

Save this NOI document for your records.

**EPA Submittal Address:**

United States Environmental Protection Agency

5 Post Office Square – Suite 100

Mail Code – OEP06-1

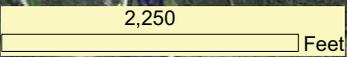
Boston, Massachusetts 02109-3912

ATTN: Thelma Murphy



**Legend**

- Stormwater Outfall
- △ UNH Pipe



drawing 01 of 01  
 Date 02AUG06  
 Compiled by:  
 Pete Krauklin

**Phase II Stormwater Compliance**  
**Stormwater Outfall Locations**

Department of Public Works  
 Town of Durham  
 100 Stone Quarry Drive  
 Durham, NH 03824

Director  
 Michael Lynch

Town Engineer  
 David Cedarholm, PE

