Town of Plaistow
Planning Department/Office of the Planning Board

Town Hall • 145 Main Street, 3rd Floor • Plaistow, New Hampshire 03865 • Tel. 603-382-5200 X202 • Fax. 603-382-7183

RECEIVED
SEP 26 2018

September 21, 2018

United States Environmental Protection Agency
Attn: Thelma Murphy
5 Post Office Sq. – Suite 100
Mail Code OEP06-1
Boston, MA 02109-3912

Re: Notice of Intent – Small MS4 General Permit

Dear Ms. Murphy:

Please find enclosed the *Notice of Intent (NOI) for coverage under Small MS5 General Permit* for the Town of Plaistow, NH.

Please let me know if you have any questions or concerns regarding this submission.

Best Regards,

Dee Voss
Planning Coordinator

/encl
/dmv

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

Part I: General Conditions

General Information

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

EPA NPDES Permit Number (if applicable):

Primary MS4 Program Manager Contact Information

Name: Mark Pearson Title: Town Manager

Street Address Line 1: 145 Main Street

Street Address Line 2:

City: Plaistow State: NH Zip Code: 03865

Email: mpearson@plaistow.com Phone Number: (603) 382-5200

Fax Number: (603) 382-7183

Other Information

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed): Not completed yet

Eligibility Determination

Endangered Species Act (ESA) Determination Complete? No Eligibility Criteria (check all that apply): ☐ A ☐ B ☐ C

National Historic Preservation Act (NHPA) Determination Complete? No 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)* 80%

If 100% of 2003 requirements not met, enter an estimated date of completion (MM/DD/YY): 06/30/19

Web address where MS4 map is published:

If outfall map is unavailable on the internet an electronic or paper copy of the outfall map must be included with NOI submission (see section V for submission options)

Regulatory Authorities (if covered under the 2003 permit)

Illicit Discharge Detection and Elimination (IDDE) Authority Adopted? *(Part II, III, IV or V, Subpart B.3.(b.) of 2003 permit)* Yes

Effective Date or Estimated Date of Adoption (MM/DD/YY): 03/09/10

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): 06/06/18

Post-Construction Stormwater Management Adopted? *(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)* No

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

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

Part II: Summary of Receiving Waters

Please list the waterbodies to which your MS4 discharges. For each waterbody, please report the number of outfalls discharging into it and, if applicable, the segment ID and any impairments.

New Hampshire list of impaired waters: http://des.nh.gov/organization/divisions/water/wmb/swqa/

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Waterbody that receives flow from the MS4 and segment ID if applicable	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
Little River	30	☐	☐	☐	☐	☐	☐	☐	☐	☐	Mercury (Fish Consumption)
Snows Brook	19	☐	☐	☐	☐	☐	☐	☐	☐	☐	Mercury (Fish Consumption)
Kelly Brook	7	☐	☐	☒	☐	☐	☐	☐	☒	☐	Benthic-Macroinvertebrate Bioassessments (Streams) (Aquatic Life), pH (Aquatic Life), Mercury (Fish Consumption)
Bryant Brook	10	☐	☐	☐	☐	☐	☐	☐	☐	☐	Mercury (Fish Consumption)
Seaver Brook	14	☐	☐	☐	☐	☐	☐	☐	☐	☐	Mercury (Fish Consumption)
Line Brook (Tributary to Bryant Brook)	3	☐	☐	☐	☐	☐	☐	☐	☐	☐	Mercury (Fish Consumption)
Foote Brook		☐	☐	☐	☐	☐	☐	☐	☐	☐	Mercury (Fish Consumption)
Camel Hill Brook (Tributary to Kelly Brook)	3	☐	☐	☐	☐	☐	☐	☐	☐	☐	Mercury (Fish Consumption)
Mankill Brook (Tributary to Seaver Brook)	3	☐	☐	☐	☐	☐	☐	☐	☐	☐	Mercury (Fish Consumption)
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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	Informational Brochures for yard work activities.	Residents	Town Manager	Develop and print 2,000 brochures and make available for distribution.	2013
		Businesses, Institutions and Commercial Facilities	Town Manager		2018
		Developers (construction)	Town Manager		2018
		Industrial Facilities	Town Manager		2018
Brochures/Pamphlets	Informational Brochures for Trash Management and Disposal of Hazardous Waste.	Residents	Town Manager	Develop and print 2,000 brochures and make available for distribution.	2013
		Businesses, Institutions and Commercial Facilities			
		Developers (construction)			
		Industrial Facilities			
Town Stormwater Program in Annual Town	Town Stormwater program in Annual Town Report.	Residents, Town employees, general public, bu	Town Manager	Annually report on stormwater program activities.	2013

School Curricula/Programs	High School Classroom education including teacher education.	Teachers/Students	Town Manager	Develop and implement program at Timberlane High School to teach both educators and students about stormwater.	2019
Local Public Service Announcements	Promote BMPs on local cable TV.	Residents	Cable Committee	Information on Cable and semiannually thereafter.	2013
Special Events/Festivals/Fairs	Hazardous Household Waste Collection (April and October)	Residents	Highway Department	Semi-annual notice in paper, cable, website, Facebook page	2013
School Curricula/Programs	Middle School stormwater education	Teachers/Students	Town Manager	Develop an education program with Regional Middle School	2019
School Curricula/Programs	Elementary School stormwater education	Teachers/Students	Town Manager	Develop an education program with Elementary School	2014
Outreach Signs	Dog Waste Signs with Collection Bags	Residents, General Public	Highway Department	Place signs in dog walking areas to promote cleanup of dog waste	2015
Web Page	Promote BMPs on Town website and Facebook Page	Residents	Town Manager	Expand promotion of BMPs to Town website and Facebook	2015
Meeting	Conduct Regional MS4 Roundtable Discussion	Plaistow Stormwater Task Force, Stormwater C	Town Manager	Participate in regional MS4 roundtable discussion with Plaistow Stormwater Task Force, regional partners, and guest communities	2016

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	SWMP Review	Town Manager	Allow annual review of stormwater management plan and posting of stormwater management plan on website	2019
Public Participation		Town Manager	Allow public to comment on stormwater management plan annually	2019
Public Participation	Storm Drain Stenciling	Highway Department	Develop stencil program and stencil catch basins	2019
Public Participation	Conservation Commission promotion of water quality	Conservation Committee	Solicit public participation by news releases and cable and annually thereafter	2013
Public Participation	Link on website for reporting problems and deficiencies	Town Manager	Provide link on website and update annually	2019
Public Participation	Place roadside signs identifying sub-watersheds in Town	Conservation Committee/Highway Department	Place signs to note entering watersheds.	2014/201
Public Participation	Encourage public participation in planting vegetation that would in	Conservation Committee	Plant at least 100 (native to NH) trees or shrubs/year	2014
Public Participation	Town Cleanup event	Conservation Committee	Host town cleanup event once annually	2015

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	Consultant	Complete within 1 year of effective date of permit
Storm sewer system map	Create map and update during IDDE program completion	Town Manager	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	Conservation Committee	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	Code enforcement	Complete 10 years after effective date of permit
Employee training	Train employees on IDDE implementation	Conservation Committee	Train annually
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	Conservation Committee/Highway Department/Consultant	Complete 3 years after effective date of permit
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	Conservation Committee/Highway Department/Consultant	Complete 10 years after effective date of permit
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	Conservation Commission	Complete ongoing outfall screening on completion of IDDE program
IDDE Ordinance/Bylaw	Storm sewer ordinance	Planning Board	Ordinance adopted by Town and reviewed annually

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	Code Enforcement	Complete within 1 year of the effective date of permit
Site plan review	Complete written procedures of site plan review and begin implementation	Planning Board	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	Planning 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	Planning 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	Town Manager	Require submission of as-built plans for completed projects (No later than 2 years)
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	Town Manager	Complete 4 years after effective date of permit and report annually on retrofitted properties
Allow green infrastructure	Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist	Planning/zoning Department, Conservation Commission	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.	Planning/zoning Department, Conservation Commission	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	Planning Board	Complete 2 years after effective date of permit
Post-Construction Design Standards	Preparation of Town ordinance to address structural BMPs for land disturbance	Planning Board	Adopt Subdivision and Site Review Amendments (To be evaluated as needed)
Monitoring	Develop procedures for Site Plan review and review of SWPPPs	Planning Board	Adopt Subdivision and Site Review Amendments (To be evaluated as needed)
Post-Construction Design Standards	Promote open drainage systems and groundwater recharge through infiltration systems	Planning Board	Adopt Subdivision and Site Review Amendments (To be evaluated as needed)
Inspection	Develop procedures for site inspections, enforcement, fees	Code Enforcement	Develop Procedures
Monitoring	Assessment of Impervious Cover	Planning Board	Determine % imperviousness throughout Town

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	Highway Department	Complete and implement 2 years after effective date of permit	2019
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory		Complete 2 years after effective date of permit and implement annually	
Infrastructure 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	Highway Department	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material moved annually	2015
Street sweeping program	Sweep all streets and permitee-owned parking lots in accordance with permit conditions	Highway Department	Sweep all streets and permitee-owned parking lots once per year in the spring	2015
Road salt use optimization program	Establish and implement a program to minimize the use of road salt	Highway Department	Implement salt use optimization during deicing season	2015

Inspections and maintenance of stormwater treatment structures	Establish and implement inspection and maintenance procedures and frequencies		Inspect and maintain treatment structures at least annually	
Employee Training - General Stormwater Topics	Implement employee training program	Highway Department	Train staff and review annually	2014

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	Town Manager /Mayor's Office

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. In addition, if you are subject to additional requirements due to a downstream nutrient impairment (see Part 2.2.2 of the permit) select the pollutant of concern and indicate applicable waterbody IDs or write "all waterbodies" if applicable. 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)

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.

Click to add text

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. (40 CFR 122.22)

Name: Mark A. Pearson

Title: Town Manager

Signature: Mark A Pearson

Date: 9/21/18

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

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