

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

Page 1 of 20

Part I: General Conditions

General Information

Name of Municipality or Organization: Framingham State: MA

EPA NPDES Permit Number (if applicable): MAR041116

Primary MS4 Program Manager Contact Information

Name: Kerry Reed Title: Senior Stormwater Engineer

Street Address Line 1: 100 Western Ave

Street Address Line 2:

City: Framingham State: MA Zip Code: 01702

Email: kr@framinghamma.gov Phone Number: (508) 532-6010

Fax Number: (508) 424-3428

Other Information

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed): DPW Operations Center, 100 Western Ave. Framingham, MA 01702

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

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

Web address where MS4 map is published: electronic version provided with NOI
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? Yes Effective Date or Estimated Date of Adoption (MM/DD/YY): 07/01/08

Construction/Erosion and Sediment Control (ESC) Authority Adopted? Yes Effective Date or Estimated Date of Adoption (MM/DD/YY): 03/20/08

Post- Construction Stormwater Management Adopted? Yes Effective Date or Estimated Date of Adoption (MM/DD/YY): 03/20/08

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.

Massachusetts list of impaired waters: [Massachusetts 2014 List of Impaired Waters- http://www.mass.gov/eea/docs/dep/water/resources/07v5/14list2.pdf](http://www.mass.gov/eea/docs/dep/water/resources/07v5/14list2.pdf)

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.a 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
Sudbury River	85	☐	☐	☐	☐	☐	☐	☐	☐	☐	Aquatic Macroinvertebrate Bioassessments, Mercury in Fish Tissue
Course Brook	10	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Beaver Dam Brook	56	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lake Waushakum	11	☐	☐	☒	☐	☐	☒	☒	☐	☐	(Non-Native Aquatic Plants*), Aquatic Plants (Macrophytes)
Gleasons Pond	5	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Learned Pond	5	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Sucker Pond	3	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Framingham Reservoir #1	31	☐	☐	☐	☐	☐	☐	☐	☐	☐	(Eurasian Water Milfoil, Myriophyllum spicatum*), (Non-Native Aquatic Plants*), Mercury in Fish Tissue
Framingham Reservoir #2	9	☐	☐	☐	☐	☐	☐	☒	☐	☐	Mercury in Fish Tissue
Framingham Reservoir #3	17	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Birch Meadow Brook	13	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Willow Brook	8	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Angelica Brook	11	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Baiting Brook	42	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Dunsdell Brook	39	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Hop Brook	42	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Farm Pond	9	☐	☐	☐	☐	☐	☐	☒	☐	☐	(Eurasian Water Milfoil, Myriophyllum spicatum*), (Non-Native Aquatic Plants*), Excess Algal Growth
Eames Brook	5	☐	☐	☐	☐	☐	☐	☐	☐	☐	(Debris/Floatables/Trash*), (Non-Native Aquatic Plants*), Aquatic Macroinvertebrate Bioassessments, Excess Algal Growth, Taste and Odor

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
Lake Cochituate (North Basin)	8	☐	☐	☒	☐	☐	☐	☐	☐	☐	(Eurasian Water Milfoil, Myriophyllum spicatum*), PCB in Fish Tissue
Cochituate Brook	20	☐	☐	☐	☐	☐	☐	☐	☐	☐	Aquatic Macroinvertebrate Bioassessments, Nutrient/Eutrophication Biological Indicators
Saxonville Pond	34	☐	☐	☐	☐	☐	☐	☐	☐	☐	(Non-Native Aquatic Plants*), Aquatic Plants (Macrophytes), Mercury in Fish Tissue
Grist Mill Pond	8	☐	☐	☒	☐	☐	☒	☐	☐	☐	(Non-Native Aquatic Plants*), Aquatic Plants (Macrophytes), Excess Algal Growth, Fecal Coliform
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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 municipalities/organizations whose MS4 discharges into a receiving water with an approved Total Maximum Daily Load (TMDL) and an applicable waste load allocation (WLA), identify any additional BMPs employed to specifically support the achievement of the WLA in the TMDL section at the end of part III.

For each MCM, list each existing or proposed BMP by category and provide a brief description, responsible parties/departments, measurable goals, and the year the BMP will be employed (public education and outreach BMPs also requires a target audience). **Use the drop-down menus in each table or enter your own text to override the drop down menu.**

MCM 1: Public Education and Outreach

BMP Media/Category (enter your own text to override the drop down menu)	BMP Description	Targeted Audience	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal	Beginning Year of BMP Implementation
Brochures/Pamphlets	"Scoop the Poop" campaign. Distribute pet waste bag dispensers to dog owners with informational flyer.	Residents	DPW	Track # distributed	2018
Displays/Posters/Kiosks	Construction BMP bulletin board at DPW permit customer service desk	Developers (construction)	Engineering	Information posted	2018
Web Page	Post pollution prevention information on City's social media	Businesses, Institutions and Commercial Facilities	DPW	Information posted, track # of views	2019
Brochures/Pamphlets	Post pollution prevention information on City's social media	Residents	DPW	Information posted, track # of views	2020
Web Page	Post pollution prevention information on City's social media	Industrial Facilities	DPW	Information posted, track # of views	2020
Web Page	Post pollution prevention information on City's social media	Businesses, Institutions and Commercial Facilities	DPW	Information posted, track # of views	2021

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Part III: Stormwater Management Program Summary (continued)

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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)	Beginning Year of BMP Implementation
SSO inventory	Develop SSO inventory in accordance of permit conditions	DPW Operations	Complete within 1 year of effective date of permit	2018
Storm sewer system map	Create map and update during IDDE program completion	Engineering	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit	2018
Written IDDE program	Create written IDDE program	Engineering	Complete within 1 year of the effective date of permit and update as required	2018
Implement IDDE program	Implement catchment investigations according to program and permit conditions	DPW	Complete 10 years after effective date of permit	2020
Employee training	Train employees on IDDE implementation	DPW	Train annually	2019
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	Engineering	Complete 3 years after effective date of permit	2018
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	Engineering	Complete 10 years after effective date of permit	2018
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	Engineering	Complete ongoing outfall screening upon completion of IDDE program	2018

[illegible]

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)	Beginning Year of BMP Implementation
Site inspection and enforcement of Erosion and Sediment Control (ESC) measures	Complete written procedures of site inspections and enforcement procedures	Engineering	Complete within 1 year of the effective date of permit	2018
Site plan review	Complete written procedures of site plan review and begin implementation	Engineering	Complete within 1 year of the effective date of permit	2018
Erosion and Sediment Control	Adoption of requirements for construction operators to implement a sediment and erosion control program	DPW	Complete within 1 year of the effective date of permit	2018
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	DPW	Complete within 1 year of the effective date of permit	2018
Conduct site plan reviews	Review plans for compliance with construction BMP requirements	Engineering	Track # of site plan reviews	2018

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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)	Beginning Year of BMP Implementation
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	Planning/zoning Department	Require submission of as-built plans for completed projects	2020
Target properties to reduce impervious areas	Identify at least 5 permittee-owned properties that could be modified or retrofitted with BMPs to reduce impervious areas and update annually	Engineering	Complete 4 years after effective date of permit and report annually on retrofitted properties	2020
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	Complete 4 years after effective date of permit and implement recommendations of report	2022
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	Complete 4 years after effective date of permit and implement recommendations of report	2022

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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 Implementation
O&M procedures	Create written O&M procedures including all requirements contained in 2.3.7.a.ii for parks and open spaces, buildings and facilities, and vehicles and equipment	Engineering	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	Engineering	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	DPW	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	DPW	Complete and implement 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	2018
Street sweeping program	Sweep all streets and permittee-owned parking lots in accordance with permit conditions	DPW Operations	Sweep all streets and permittee-owned parking lots once per year in the spring	2018
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	2018

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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.**

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Part III: Stormwater Management Program Summary (continued)

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.**

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

Page 19 of 20

Part IV: Notes and additional information

Use the space below to indicate the part(s) of 2.2.1 and 2.2.2 that you have identified as not applicable to your MS4 because you do not discharge to the impaired water body or a tributary to an impaired water body due to nitrogen or phosphorus. Provide all supporting documentation below or attach additional documents if necessary. Also, provide any additional information about your MS4 program below.

Framingham reviewed information related to endangered species and determined eligibility regarding federal Endangered and Threatened Species Critical Habitat Protection as described in Appendix C of the MS4 Permit. Framingham's stormwater system meets eligibility criteria under Appendix C - Criterion C. The effect of the stormwater discharge and discharge related activities on listed species and critical habitat have been evaluated and a determination is made that the stormwater discharges and discharge related activities will have 'no effect' on any federally or endangered listed species or designated critical habitat under the jurisdiction of the USFWS.

Framingham reviewed the MS4 Permit Appendix D related to Section 106 of the National Historic Preservation Act (NHPA). Framingham's stormwater system is classified as having no effect on historic properties, as described in Appendix D Criterion A - "the discharges do not have the potential to cause effects on historic properties."

Framingham is a member of the Central Massachusetts Regional Stormwater Coalition.

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

Page 20 of 20

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 gather and evaluate 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, I certify that the information submitted is, to the best of my knowledge and belief, 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:

Yvonne M. Spicer

Title:

Mayor

Signature:



Date:

9/17/18

[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