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

Part I: General Conditions

General Information

Name of Municipality or Organization: Town of Belmont

State: MA

EPA NPDES Permit Number (if applicable): MAR021074

Primary MS4 Program Manager Contact Information

Name: JAY MARCOTTE

Title: DIRECTOR OF PUBLIC WORKS

Street Address Line 1: 19 MOORE STREET

Street Address Line 2: 1ST FLOOR

City: BELMONT

State: MA

Zip Code: 02478

Email: jmarcotte@belmont-ma.gov

Phone Number: (617) 993-2680

Fax Number:

Other Information

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed): https://www.belmont-ma.gov/stormwater-management-program-swmp

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? *(Part II, III, IV or V, Subpart B.3.(a.) of 2003 permit)*: 100%

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

Web address where MS4 map is published:

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): ATTACHED

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): 10/01/03

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): 10/01/03

Post- Construction Stormwater Management Adopted? *(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)*: Yes

Effective Date or Estimated Date of Adoption (MM/DD/YY): 10/01/03

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.

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)

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
ClayPit Pond (MA71011)	7	☐	☐	☐	☐	☐	☐	☐	☐	☐	Chlordane in Fish Tissue
Little Pond (MA71024)	7	☐	☐	☐	☐	☐	☐	☐	☐	☐	Harmful Agal Bloom
Alewife Brook (MA71-04)	1	☐	☐	☒	☐	☒	☒	☐	☒	☐	Copper, PCB in Fish Tissue, Taste and Odor, Lead, Sediment Bioassays
Beaver Brook (MA72-28)	14	☐	☐	☒	☐	☐	☒	☐	☒	☐	Sedimentation, Excess Algal Growth
Spy Pond (MA71040)	1	☐	☐	☒	☐	☐	☒	☐	☒	☐	Chlordane in Fish Tissue, DDT in Fish Tissue, Harmful Algal Bloom
Winn Brook (MA71-09)	4	☐	☐	☐	☐	☐	☐	☐	☒	☐	-
		☐	☐	☐	☐	☐	☐	☐	☐	☐	
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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 Imple-mentation**
Web Page	Develop Stormwater Web Page on Town Website.	Residents	Engineering	Develop Stormwater Web page linked to the home page of the Town's Website. Post Information on stormwater related issues and programs.	2004
Displays/Posters/Kiosks	Post Information on Town Hall Bulleting Boards	Residents	Engineering	Track the publications & information posted on Bulletin Boards each year. Post electronic versions on Belmont Website	2004
Meeting	Provide Stormwater Inforamtion at "Meet Belmont"	Residents	Engineering	Provide Stormwater information at the annual "Meet Belmont" event for newcomers and current residents.	2004
Special Events/Festivals/Fairs	Provide Stormwater Information at Environmental Fair	Residents	Engineering	Provide stormwater information to the residents at the Environmental fair.	2020
		Residents			

Web Page		Businesses, Institutions and Commercial Facilities	Engineering	Develop Stormwater Web page linked to the home page of the Town's Website. Post Information on stormwater related issues and programs.	2004
Web Page		Developers (construction)	Engineering	Develop Stormwater Web page linked to the home page of the Town's Website. Post Information on stormwater related issues and programs.	2004
Web Page		Industrial Facilities	Engineering	Develop Stormwater Web page linked to the home page of the Town's Website. Post Information on stormwater related issues and programs.	2004
Displays/Posters/Kiosks		Businesses, Institutions and Commercial Facilit	Engineering	Track the publications & information posted on Bulletin Boards each year. Post electronic versions on Belmont Website.	2019
Displays/Posters/Kiosks		Developers (construction)	Engineering	Track the publications & information posted on Bulletin Boards each year. Post electronic versions on Belmont Website	2019
Displays/Posters/Kiosks		Industrial Facilities	Engineering	Track the publications & information posted on Bulletin Boards each year. Post electronic versions on Belmont Website	2019

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	Engineering	Allow annual review of stormwater management plan and posting of stormwater management plan on website	2004
Public Participation	Conduct Annual Survey of the Public attitude and awareness of the	Engineering	Allow public to comment on stormwater management plan annually	2020

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 Imple-mentation**
SSO inventory	Develop SSO inventory in accordance of permit conditions	DPW Operations	Complete within 1 year of effective date of permit	2007
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	2007
Written IDDE program	Create written IDDE program	Engineering	Complete within 1 year of the effective date of permit and update as required	2005
Implement IDDE program	Implement catchment investigations according to program and permit conditions	DPW Operations	Complete 10 years after effective date of permit	2005
Employee training	Train employees on IDDE implementation	Engineering	Train annually	2004
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	Engineering	Complete 3 years after effective date of permit	2004
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	Engineering	Complete 10 years after effective date of permit	2004
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	Engineering	Complete ongoing outfall screening upon completion of IDDE program	2004

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 Imple-mentation**
Site inspection and enforcement of Erosion and Sediment Control (ESC) measures	Complete written procedures of site inspections and enforcement procedures	DPW Operations	Complete within 1 year of the effective date of permit	2014
Site plan review	Complete written procedures of site plan review and begin implementation	Engineering	Complete within 1 year of the effective date of permit	2014
Erosion and Sediment Control	Adoption of requirements for construction operators to implement a sediment and erosion control program	Engineering	Complete within 1 year of the effective date of permit	2014
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	Engineering	Complete within 1 year of the effective date of permit	2014

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 Imple-mentation**
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	Engineering	Require submission of as-built plans for completed projects	2014
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	2014
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	Engineering	Complete 4 years after effective date of permit and implement recommendations of report	2014
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.	Engineering	Complete 4 years after effective date of permit and implement recommendations of report	2014

Ensure any stormwater controls or management practices for new development and redevelopment meet the retention or treatment requirements of the permit and all applicable requirements of the Massachusetts Stormwater Handbook	Adoption, amendment, or modification of a regulatory mechanism to meet permit requirements	Engineering	Complete 2 years after effective date of permit	2014

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.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	2004
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	2004
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	DPW Operations	Complete 2 years after effective date of permit	2004
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	Engineering	Complete and implement 2 years after effective date of permit	2004
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	2004
Street sweeping program	Sweep all streets and permitee-owned parking lots in accordance with permit conditions	Parks/Recreation	Sweep all streets and permitee-owned parking lots once per year in the spring	2004
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	2004

Inspections and maitenance of stormwater treatment structures	Establish and implement inspection and maitenance procedures and frequencies	DPW Operations	Inspect and maintain treatment structures at least annually	2004

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.**

Applicable TMDL	**Action Description**	**Responsible Department/Parties** (enter your own text to override the drop down menu)
Charles River Watershed (Bactria/Pathogen)	Adhere to requirements in part A.III of Appendix F	Engineering
Upper/Middle Charles River (Phosphorus)	Adhere to requirements in part A.II of Appendix F	Engineering
	Adhere to requirements in part A.I of Appendix F	
	Adhere to requirements in part A.II of Appendix F	

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)
E. Coli	Alewife Brook (MA71-04)	Adhere to requirements in part III of Appendix H	Engineering
Lead	Alewife Brook (MA71-04)	Adhere to requirements in part V of Appendix H	Engineering
Copper	Alewife Brook (MA71-04)	Adhere to requirements in part V of Appendix H	Engineering
E. Coli	Winn Brook (MA71-09)	Adhere to requirements in part III of Appendix H	Engineering
Phosphorus	Alewife Brook (MA71-04)	Adhere to requirements in part II of Appendix H	Engineering
Oil and Grease	Alewife Brook (MA71-04)	Adhere to requirements in part V of Appendix H	Engineering
Phosphorus	Spy Pond (MA71040)	Adhere to requirements in part II of Appendix H	Engineering
E. Coli	Spy Pond (MA71040)	Adhere to requirements in part III of Appendix H	Engineering
		Adhere to requirements in part II of Appendix H	
		Adhere to requirements in part I of Appendix H	

Part IV: Notes and additional information

Use the space below to indicate the part(s) of 2.2.1and 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.

The planned actions under the permit will have no effect on the Northern Long Eared Bat and US Fish and Wildlife will be consulted as needed during the permit term on any future BMPs.

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: Title:

Signature: Date:

[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 I 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. (40 CFR 122.22)

Submit by Email — Submit by email using this button. Or, send an email with attachments to: stormwater.reports@epa.gov

Save — Save NOI 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: Newton Tedder

State Submittal Address:

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One Winter Street - 5th Floor
Boston, MA 02108
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