

Part I: General Conditions

General Information

Name of Municipality or Organization: State:

EPA NPDES Permit Number (if applicable):

Primary MS4 Program Manager Contact Information

Name: Title:

Street Address Line 1:

Street Address Line 2:

City: State: Zip Code:

Email: Phone Number:

Fax Number:

Other Information

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed):

Eligibility Determination

Endangered Species Act (ESA) Determination Complete?

Eligibility Criteria (check all that apply): A B C

National Historic Preservation Act (NHPA) Determination Complete?

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? 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)

Regulatory Authorities (if covered under the 2003 permit)

Illicit Discharge Detection and Elimination (IDDE) Authority Adopted? Effective Date or Estimated Date of Adoption (MM/DD/YY):

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

Post-Construction Stormwater Management Adopted? 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 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>

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										Other pollutant(s) causing impairments
		Chloride	Chlorophyll-a	Dissolved Oxygen/ DO Saturation	Nitrogen	Oil & Grease/ PAH	Phosphorus	Solids/ TSS/ Turbidity	E. coli	Enterococcus	
MA51003 Arcade Pond	24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Impairment Causes include: Non-Aquatic Plants (Macrophytes). TMDL not required (Non-Pollutant).
MA51-13 Mumford River	12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Aesthetic; Fish; Other Aquatic Life and Wildlife; Primary Contact Recreation; and Secondary Contact Recreation Uses Attained.
MA51015 Carpenter Reservoir	11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
MA51-04 Blackstone River	25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Impairment Causes include: other regime alterations; physical substrate habitat alterations (TMDL not required (Non-Pollutant); Aquatic Macroinvertebrate Bioassessments; Cadmium; Copper; DDT; Escherichia Coli; Excess Algal Growth; Fishes Bioassessments; Lead; Nutrient/Eutrophication Biological Indicators; PCD in Fish Tissue; Phosphorus (Total); Sedimentation/Siltation: Taste and Odor; and Turbidity. EPA TMDL Number(s) 175, 360, 361, 379, 498, 550, 1332, 2377, 2382, 2385, 2373-2392.
MA51047 Fish Pond	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Non-Native Aquatic Plants and Aquatic Plants (Macrophytes) are the impairments cause.
*MA51134 Riley Pond		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	*No Outfalls As Of This Date. Impairment cause is Turbidity.
* MA51-37 Miscue Brook		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	*No Outfalls As Of This Date. Aesthetic; Fish; Other Aquatic Life; and Wildlife Uses Attained.
*MS51-26 Taft Pond Brook		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	*No Outfalls As Of This Date. Aesthetic Uses Attained.
MA51164 Swans Pond	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Non-Native Non-Native Aquatic Plants (TMDL not requirement - non-pollutant) Aquatic Plants (TMDL not requirement - non-pollutant) is the impairment cause.
MA51-13Linwood Pond	11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Included in Mumford River Designation
Riverdale Pond	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
*Ellis Pond		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	*No Outfalls As Of This Date.
**MA 51180 Meadow Pond		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	**Same as Whitins Pond. Non-Native Aquatic Plants (TMDL not requirement - non-pollutant) is the impairment cause.

Blackstone Canal		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
**MA51180 Whitins Pond	25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	**Same as Whitins Pond. Non-Native Aquatic Plants (TMDL not requirement - non-pollutant) is the impairment cause.
*MA51-26Taft Pond Brook		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	*No Outfalls As Of This Date.
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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			
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		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
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		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

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
CMRSWC/Brochures/Pamphlets/Meetings/L	Public Education and Outreach	Residents; Businesses; Municipal Depa	CMRSWC; DPW Operations & Engineering; Planning; Conservation Co	Currently underway with CMRSWC and other municipal departments. Complete within 2-years of the effective date of permit. Inadequate funding remains an issue. Measurable Goals include number of business, community and student contacts; and quantities of waste collections.	2018
CMRSWC/Brochures/Pamphlets/Meetings/L	Public Involvement and Participation	Residents; Businesses; Municipal Departments; Schools & Developers	CMRSWC; DPW Operations & Engineering; Planning; Conservation Co	Currently underway with CMRSWC and other municipal departments. Complete within 2-years of the effective date of permit. Inadequate funding remains an issue.	2018

<p>CMRSWC/Brochures/Pamphlets/Meetings;/l</p>	<p>Illicit Discharge Detection and Elimination</p>	<p>Residents; Businesses; Municipal Departments; Schools & Developers</p>	<p>DPW Operations & Engineering</p>	<p>Complete within 3-years of the effective date of permit. Inadequate funding remains an issue.</p>	<p>2019</p>
<p>CMRSWC/Brochures/Pamphlets/Meetings;/l</p>	<p>Management of Construction Site Runoff</p>	<p>Residents; Businesses; Municipal Departments; Schools & Developers</p>	<p>Planning; Conservation Commission; and Building Permitting and En</p>	<p>A Best Development Guidebook was created in 2011. Currently underway with Planning; Conservation; and Building Permit and Zoning Enforcement. Complete within 2-years of the effective date of permit. Inadequate funding remains an issue.</p>	<p>2018</p>
<p>CMRSWC/Brochures/Pamphlets/Meetings;/l</p>	<p>Management of Post-Construction Site Runoff</p>	<p>Residents; Businesses; Municipal Depa</p>	<p>Planning; Conservation Commission; and Building Permitting and En</p>	<p>A Best Development Guidebook was created in 2011. Currently underway with Planning; Conservation; and Building Permit and Zoning Enforcement. Complete within 2-years of the effective date of permit. Inadequate funding remains an issue.</p>	<p>2018</p>
<p>CMRSWC/Brochures/Pamphlets/Meetings;/l</p>	<p>Good Housekeeping in Municipal Operations</p>	<p>DPW & WWTP Operations & Other Municipal Departments</p>	<p>MRSWC/Brochures/Pamphlets/Local Public Service Announcements</p>	<p>Currently underway with DPW & WWTP Operations & Other Municipal Departments. Complete within 2-years of the effective date of permit. Inadequate funding remains an issue.</p>	<p>2018</p>

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	CMRSWC; CMRPC; DPW Construction;DPW Operations; Engineering	Complete within 4-years of effective date of permit	2019
Storm sewer system map	Create map and update during IDDE program completion	CMRSWC; CRMPC; DPW Construction;DPW Operations; Engineering	Update map within 2-years of effective date of permit and complete full system map 5-years after effective date of permit	2020
Written IDDE program	Create written IDDE program	CMRSWC; CRMPC; DPW Construction;DPW Operations; Engineering	Complete within 4-years of the effective date of permit and update as required	2020
Implement IDDE program	Implement catchment investigations according to program and permit conditions	CMRSWC; CRMPC; DPW Construction;DPW Operations; Engineering	Complete 4-years after effective date of permit	2021
Employee training	Train employees on IDDE implementation	CMRSWC; DPW Construction;DPW Operations; Engineering	Train annually	2021
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	CMRSWC; CRMPC; DPW Construction;DPW Operations; Engineering	Complete-3 years after effective date of permit	2020
Conduct wet weather screening	Conduct in accordance with outfall screening procedure		Complete 3-years after effective date of permit	2020
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)		Complete ongoing outfall screening upon completion of IDDE program	2022

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	DPW Operations; Planning Department; Conservation Commission; Building Insp	Complete within 2-years of the effective date of permit	2019
Site plan review	Complete written procedures of site plan review and begin implementation	DPW Operations; Planning Department; Conservation Commission; Building Insp	Complete within 2-years of the effective date of permit	2019
Erosion and Sediment Control	Adoption of requirements for construction operators to implement a sediment and erosion control program	DPW Operations; Planning Department; Conservation Commission; Building Insp	Complete within 2-years of the effective date of permit	2019
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 Operations; Planning Department; Conservation Commission; Building Insp	Complete within 3-years of the effective date of permit	2020

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	DPW Operations; DPW Construction; Engineering; 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	DPW Operations; DPW Construction; Engineering; Planning/Zoning Department;	Complete 4 years after effective date of permit and report annually on retrofitted properties	2022
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	DPW Operations; DPW Construction; Engineering; Planning/Zoning Department;	Complete 4 years after effective date of permit and implement recommendations of report	2023
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.	DPW Operations; DPW Construction; Engineering; Planning/Zoning Department;	Complete 4 years after effective date of permit and implement recommendations of report	2023

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	CMRSWC; Building Permitting and Enforcement; Conservation Commit	Complete and implement 3-years after effective date of permit	2021
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	Building Permitting and Enforcement; Conservation Committee; DPW C	Complete 3-years after effective date of permit and implement annually	2021
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	CMRSWC; DPW Construction; DPW Operations; and Engineering	Complete 3-years after effective date of permit	2021
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	CMRSWC; DPW Construction; DPW Operations; Engineering; and Healt	Complete and implement 3-years after effective date of permit	2021
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 Construction; DPW Operations; and Engineering	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material moved annually	2019
Street sweeping program	Sweep all streets and permittee-owned parking lots in accordance with permit conditions	DPW Construction; DPW Operations; and Engineering	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 Construction; DPW Operations; and Engineering	Implement salt use optimization during deicing season	2018

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. 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 <small>(enter your own text to override the drop down menu)</small>
E. Coli	MA51-04 Blackstone River	Adhere to requirements in part II of Appendix H	DPW, Engineering, Conservation, & Health Departments
Enterococcus	N/A	Adhere to requirements in part II of Appendix H	
Fecal Coliform	N/A	Adhere to requirements in part II of Appendix H	
Nitrogen	N/A	Adhere to requirements in part I of Appendix H	
Phosphorus	MA51-04 Blackstone River	Adhere to requirements in part II of Appendix H	DPW, Engineering, Conservation, & Health Departments
TSS	N/A	Adhere to requirements in part II of Appendix H	
Turbidity	MA51-04 Blackstone River	Adhere to requirements in part V of Appendix H	DPW, Engineering, Conservation, & Health Departments
Chloride	N/A	Adhere to requirements in part I of Appendix H	
Cadmium	MA51-04 Blackstone River	Adhere to requirements in part V of Appendix H	DPW, Engineering, Conservation, & Health Departments
Copper	MA51-04 Blackstone River	Adhere to requirements in part V of Appendix H	DPW, Engineering, Conservation, & Health Departments
Iron	N/A		
Lead	MA51-04 Blackstone River	Adhere to requirements in part V of Appendix H	DPW, Engineering, Conservation, & Health Departments
Zinc	N/A		
Oil and Grease	N/A	Adhere to requirements in part V of Appendix H	
Petroleum Hydrocarbons	N/A		

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.

We are a longstanding member of the Central Massachusetts Regional Storm Water Coalition (CMRSWC) and depend on this group to provide public outreach, education and training support via website and other media. Due to very limited funding and technical/operational resources we continue to work closely with this organization to provide internet-based "website" public information, education, training, procedures and other related "pro-active" information for resident, business, developer, industrial, institution, etc. uses. We will also seek additional funding necessary to provide all operational, technical and inspectional resources.

There are several Waterbody Segments listed in Part II: Summary of Receiving Waters that receive flow from the MS4 with corresponding outfalls into receiving water segments which have not been mapped or addressed and/or mapped. You will find the Water Segments listed but without the "Number of Outfalls into Receiving Water Segments".

GENERAL NOTES & CLARIFICATIONS:

- Several of the "Brief BMP Description" and "Responsible Department/Parties" drag-down windows on the MS4 Permit form WILL NOT SHOW all of the inputted data when making a hard copy print. You can only retrieve/view these on the interactive computer sheets.
- Each of the Action Descriptions shown in Part III. cannot be left blank for those Waterbody IDs labeled without pollutants.
- Inadequate funding to support the MS4 Permit Regulations and the Six Minimum Control Measures remains an ongoing issue and the Town of Northbridge continues to utilize the services provided by the CMRSWC.
- The Town of Northbridge has a Stormwater Management Bylaw (adopted on 06 May 2008) but does not have an official regulation.
- The Town of Northbridge does not have an Endangered Species Act Determination for activities that will be covered under the MS4 permit. Per the USFWS database, the Town does have suitable habitat for one federally-threatened species (Northern Long-Eared Bat).
- An Illicit Connection By-Law was completed in 2006.
- A Sedimentation & Erosion Control Guide was completed in 2008 and was updated in 2011.
- Due to inadequate funding, the Town of Northbridge continues to reach out to the CMRSWC and CMRPC for support.
- The CMRSWC was requested to assist the Town of Northbridge with written IDDE Template and Training and other tools necessary to comply with the MS4 Permit requirements.

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: 

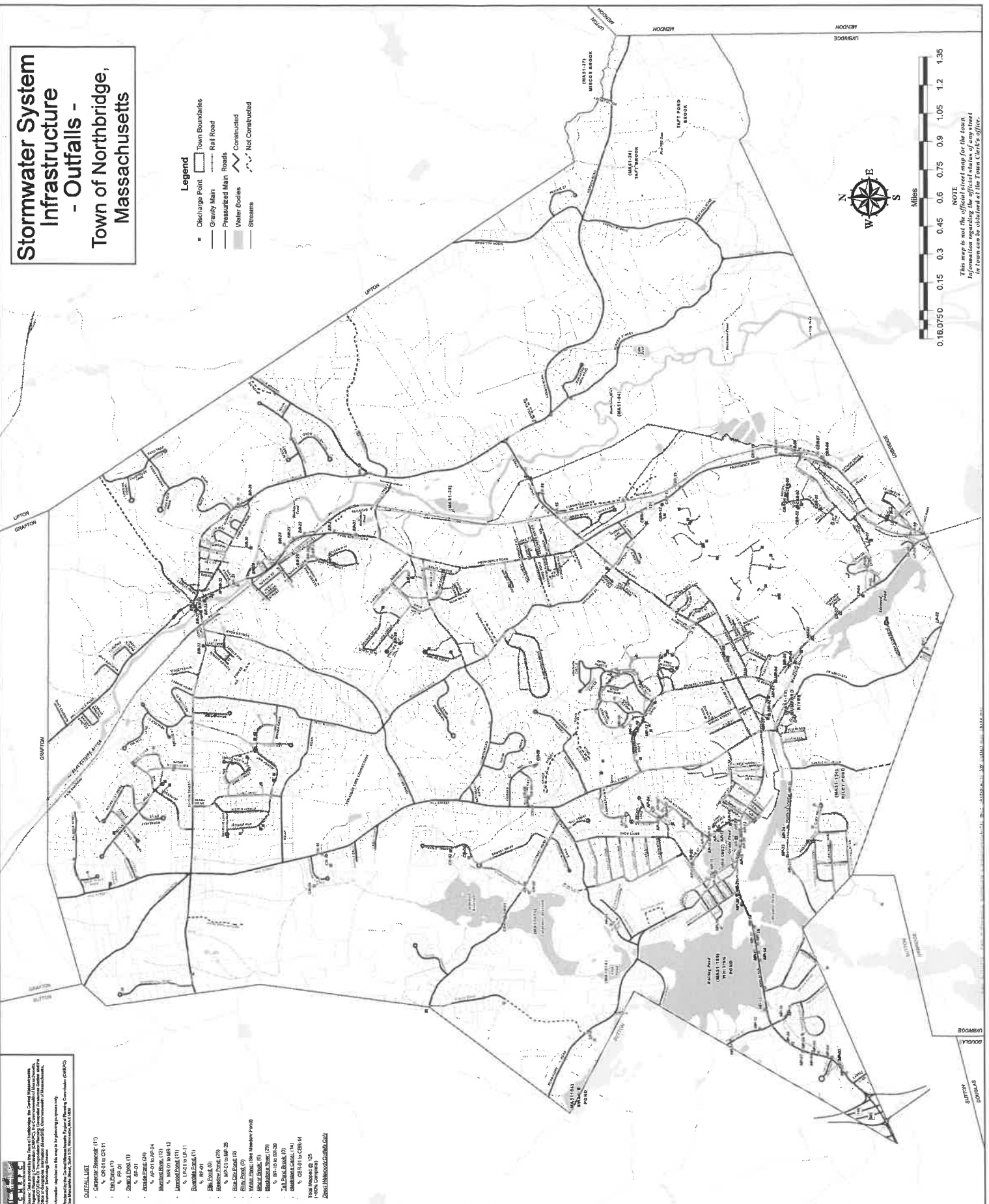
Date:

[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

Stormwater System Infrastructure - Outfalls - Town of Northbridge, Massachusetts

- Legend**
- Discharge Point
 - Town Boundaries
 - Gravity Main
 - Rail Road
 - Pressurized Main
 - Roads
 - Water Bodies
 - Constructed
 - Not Constructed
 - Streams



0.15 0.3 0.45 0.6 0.75 0.9 1.05 1.2 1.35
Miles



NOTE:
This map is not the official street map for the town.
Information regarding the official status of any street
in town can be obtained at the Town Clerk's office.

QUESTIONS

- General Inquiries (1)
 - CR 01 to CR 11
- Billboards (1)
- Sewer (1)
 - SR 01
- Sewerage (1)
 - SR 01 to SR 04
- Massachusetts (1)
 - MR 01 to MR 12
- Landmarks (1)
 - LR 01 to LR 11
- Discharge (1)
 - DR 01
- Billboards (1)
 - BR 01 to BR 25
- Billboards (1)
 - BR 01 to BR 05
- Billboards (1)
 - BR 06 to BR 10
- Billboards (1)
 - BR 11 to BR 15
- Billboards (1)
 - BR 16 to BR 20
- Billboards (1)
 - BR 21 to BR 25
- Billboards (1)
 - BR 26 to BR 30
- Billboards (1)
 - BR 31 to BR 35
- Billboards (1)
 - BR 36 to BR 40
- Billboards (1)
 - BR 41 to BR 45
- Billboards (1)
 - BR 46 to BR 50
- Billboards (1)
 - BR 51 to BR 55
- Billboards (1)
 - BR 56 to BR 60
- Billboards (1)
 - BR 61 to BR 65
- Billboards (1)
 - BR 66 to BR 70
- Billboards (1)
 - BR 71 to BR 75
- Billboards (1)
 - BR 76 to BR 80
- Billboards (1)
 - BR 81 to BR 85
- Billboards (1)
 - BR 86 to BR 90
- Billboards (1)
 - BR 91 to BR 95
- Billboards (1)
 - BR 96 to BR 100

Approved by the Civil Massachusetts Regional Planning Commission (CMRPS)
The Massachusetts State, SR 01 to SR 100, SR 101 to SR 200, SR 201 to SR 300, SR 301 to SR 400, SR 401 to SR 500, SR 501 to SR 600, SR 601 to SR 700, SR 701 to SR 800, SR 801 to SR 900, SR 901 to SR 1000



Town of Northbridge Department of Public Works

11 Fletcher Street, P.O. Box 88

Whitinsville, Massachusetts 01588-0088

Tel. No. (508) 234-3581 – Fax. No. (508) 234-0807

James Shuris, P.E., MBA

Director of Public Works & Town Engineer

MEMORANDUM

Date: 21 December 2018

To: Ms. Michelle Vuto
Stormwater & Construction Permits
U.S. EPA Region 1
5 Post Office Square-OEP06-4
Boston, MA 02109-3912
Tel. No. (617) 918-1222
E-mail: Vuto.Michelle@epa.gov

From: James Shuris, P.E., MBA
Director of Public Works & Town Engineer

RE: **MS4 Permit**
NPDES ID – MAR041144
Small MS4 NOI Information Requested

Dear Ms. Vuto:

We are pleased to provide corrected and/or additional information as requested by your office on 04 Dec 2018 for the above referenced MS4 Permit. I will list each of your "information requested" items in "bold" below and will provide responses in "italics".

ESA Eligibility: Based on the additional information provided, please indicate ESA Criterion C and provide a statement that your planned discharge activities will not adversely affect the endangered species.

Response: ESA Eligibility revised to ESA Criterion C. Our Endangered Species Act (ESA) Determination is not complete at this time. However upon completion, our

planned discharge activities will not adversely affect the endangered species as determined.

In Fiscal Year 2020, the Department of Public Works will request additional departmental funding to achieve this goal.

NHPA Eligibility:

National Historic Preservation Act (NHPA) Determination:

Response: This work has not been completed as noted on the MS4 NOI Permit.

Receiving Waters: Please estimate the number of outfalls to each waterbody segment.

Response: Refer to our Outfall Map indicating 125 known outfalls. This map is approximately 60% complete.

<u>Waterbody</u>	<u>Estimated No. of Outfalls</u>
Carpenter Reservoir	11
Fish Pond	01
Swan's Pond	01
Arcade Pond	24
Mumford River	12
Linwood Pond	11
Riverdale Pond	01
Ellis Pond	00
Meadow Pond	25
Rice City Pond	00
Riley Pond	00
Whitin Pond (Refer to Meadow Pond)	
Miscoe Brook	00
Blackstone River	25
Taft Pond Brook	00
Black Stone Canal	14
Total No. of Outfalls	<u>125</u>

Public Education MCM: Please describe 2 public education messages to each of the 4 audiences as required by the permit or indicate that one or more audiences are not present in your municipality. Example message topics can be found in part 2.3.2.d.

Response: In addition to addressing Stormwater concerns at local in-town public meetings/forums, we also rely heavily on the Central Massachusetts Stormwater Coalition website and public education elements available to all audiences. The audiences included in our NOI consist of Residents, Businesses, Municipal Departments and Developers. These messages encourage the proper use and disposal

of grass clippings and encourages the proper use of slow-release and phosphorous-free fertilizers for March/April timelines; encourages the proper placement of pet waste, including noting any existing ordinances where appropriate (refer to Town of Northbridge Board of Health Website and Notices) for the June/July timelines; and encouraging the proper disposal of leaf litter for the August/September/October timelines. The Town of Northbridge also posted a "Leaf Flyer" on our Town website. In Fiscal Year 2020, the Department of Public Works will request additional departmental funding to enhance these efforts which will allow the Town to further reach out to each of our 4 audiences.

Public Participation MCM:

Response: As part of the Central Massachusetts Stormwater Coalition, and initially, we rely heavily on their website and public participation elements available to the public. As we move forward and we will initiate local public participation forums through other inter-municipal departments such as the Planning Department, Conservation Commission and Board of Selectmen events. Inadequate funding remains an issue as we move forward.

In Fiscal Year 2020, the Department of Public Works will request additional departmental funding to enhance these efforts.

IDDE MCM: Please update SSO inventory Measurable Goal to follow permit requirements (complete within 1 year of effective date of permit), written IDDE program Measurable Goal to follow permit requirements (complete within 1 year of effective date of permit), and Beginning Year of BMP Implementation for employee training (by 2019).

Response: The SSO inventory Measurable Goal will follow permit requirements (complete within 1 year of effective date of permit), written IDDE program Measurable Goal and will follow permit requirements (i.e. completed within 1 year of effective date of permit), and the Beginning), and the Beginning Year of BMP Implementation for employee training (by 2019).

In Fiscal Year 2020, the Department of Public Works will request additional departmental funding to achieve this goal.

Construction MCM: Please update Measurable Goals for all BMPs in this section to match permit requirements (1 year). Update Beginning Year of BMP Implementation accordingly.

Response: Under the jurisdiction of the Northbridge Planning Department and Planning Board requirement the beginning year of implementation commenced in 2017 and not 2018 as previously noted

Post-Construction MCM: Please update Beginning Year of Implementation to match permit requirements.

Response: Under the jurisdiction of the Northbridge Planning Department and Planning Board requirement the beginning year of implementation commenced in 2017 and not 2018 as previously noted.

Good Housekeeping MCM: Please update Measurable Goals of O&M procedures; Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment; infrastructure O&M; and Stormwater Pollution Prevention Plan (SWPPP) to follow permit requirements (2 years).

Response: Our NOI Permit application already indicates that this MCM is currently underway and will be completed within the 2-year limit and that inadequate funding remains an issue as we move forward.

TMDLs: Note: According to the waterbody list included in the NOI, Northbridge is not subject to the Northern Blackstone Lakes TMDL.

Response: Agreed and removed from MS4 NOI Permit.

Impairments: Please acknowledge that the town will follow the requirements in part II of the appendix H for E. Coli impairments.

Response: The Town of Northbridge will put together a program and plans to follow the requirements in part II of the appendix H for E. Coli impairments through the use of "outside" contract services efforts.

In Fiscal Year 2020, the Department of Public Works will request additional departmental funding to achieve this goal.

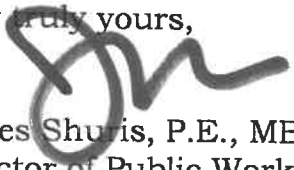
Certification Information: Please mail the original signed hard copy signature page from the NOI to EPA at the address provided on the NOI.

Response: An original signed hard copy signature page from the NOI (attached herein) will be mailed to the EPA at the address provided on the NOI, namely:

*Attention: Newton Tedder
United States Environmental Protection Agency
5 Post Office Square – Suite 100
Mail Code – OEP06-1
Boston, Massachusetts 02109-3912*

Thank you in advance for the opportunity to provide corrected and/or additional information to your office for the above referenced MS4 Permit.

Very truly yours,



James Shuris, P.E., MBA
Director of Public Works & Town Engineer

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 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.

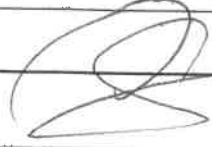
Name:

Adam Gaudette

Title:

Town Manager

Signature:



Date:

21 Dec 2018

[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