

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? <i>(Part II, III, IV or V, Subpart B.3.(b.) of 2003 permit)</i>	Yes	Effective Date or Estimated Date of Adoption (MM/DD/YY):	10/16/06
Construction/Erosion and Sediment Control (ESC) Authority Adopted? <i>(Part II,III,IV or V, Subpart B.4.(a.) of 2003 permit)</i>	Yes	Effective Date or Estimated Date of Adoption (MM/DD/YY):	06/30/07
Post- Construction Stormwater Management Adopted? <i>(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)</i>	Yes	Effective Date or Estimated Date of Adoption (MM/DD/YY):	06/30/07

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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
Neponset River (MA73-01)	104	☐	☐	☒	☐	☐	☒	☒	☒	☐	DDT, Excess Algal Growth, PCB (fish tissue), Sedimentation/Siltation, Other
Ganawatte Farm Pond (MA73037)	3	☐	☐	☒	☐	☐	☐	☐	☐	☐	Aquatic plants (macrophytes), Secchi depth
School Meadow Brook (MA73-06)	6	☐	☐	☐	☐	☐	☐	☐	☐	☐	Fecal Coliform (TMDL Completed 2592)
Spring Brook	9	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Clark Pond (MA73008)	3	☐	☐	☐	☐	☐	☐	☐	☐	☐	Non-native aquatic plants
Unnamed trib to Mill Brook (MA73-08) in Medfield, crossing Starlight Dr	6	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Memorial Pond (MA73012)	5	☐	☐	☐	☐	☐	☐	☒	☐	☐	Aquatic plants (macrophytes)
Unnamed Tributary to Turner Pond (MA73-34)	18	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Traphole Brook (MA73-17)	39	☐	☐	☐	☐	☐	☐	☐	☐	☐	Fecal Coliform (TMDL Completed 2592)
Cobbs Pond (MA73009)	3	☐	☐	☒	☐	☐	☐	☐	☐	☐	Nutrient/Eutrophication Biological Indicators, Non-native aquatic plants, Secchi disk
Bubbling Brook (MA73-11)	4	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Pettee Pond (MA73036)	3	☐	☐	☐	☐	☐	☐	☐	☐	☐	Mercury in fish tissue
Willet Pond (MA73062)	13	☐	☐	☐	☐	☐	☐	☐	☐	☐	Mercury in fish tissue (TMDL Completed 33880)
Mine Brook (MA73-09)	21	☐	☐	☒	☐	☐	☐	☐	☐	☐	Fecal coliform
Turner Pond (MA73058)	12	☐	☐	☐	☐	☐	☐	☐	☐	☐	Non-native aquatic plants
Unnamed trib to Neponset R at Elm St and Robbins Rd	23	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Stop River (MA72-09)	20	☐	☐	☒	☐	☐	☒	☐	☐	☐	Ambient Bioassays (Chronic Aquatic Toxicity)
Stop River (MA72-10)	2	☐	☐	☐	☐	☐	☒	☐	☒	☐	Organic Enrichment (Sewage) Biological Indicators, Temperature (water)

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
Unnamed trib to Cobbs Pond	51	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Unnamed trib to Neponset River from Turner Pond (MA73-10)	6	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Unnamed trib to Neponset R crossing Mylod St	6	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Unnamed trib to Neponset R crossing Washington St, S of Pine St	8	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Unnamed trib to Neponset R crossing Washington St, N of Water St	2	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Unnamed trib to Neponset R, west of Barbara St	29	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Unnamed pond east of Shoreview Dr	2	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Unnamed trib to Neponset R, crossing Oak St and Spring Valley Dr	8	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Unnamed trib to Bubbling Brook	5	☐	☐	☐	☐	☐	☐	☐	☐	☐	
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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
Web Page	Continue to develop Stormwater Section of Town Website	Residents	Conservation	Number of unique page visits	2018
Web Page	Continue to develop Stormwater Section of Town Website	Businesses, Institutions and Commercial Facilities	Conservation	Number of unique page visits	2018
Web Page	Continue to develop Stormwater Section of Town Website	Developers (construction)	Conservation	Number of unique page visits	2018
Web Page	Continue to develop Stormwater Section of Town Website	Industrial Facilities	Conservation	Number of unique page visits	2018
Brochures/Pamphlets	Distribute Brochures and Fact Sheets to Businesses and Residents	Residents	Conservation, Health Department	# of copies distributed	2019
Brochures/Pamphlets	Distribute Brochures and Fact Sheets to Businesses and Residents	Businesses, Institutions and Commercial Facilities	Conservation, Health Department	# of copies distributed	2019
Brochures/Pamphlets	Distribute Brochures and Fact Sheets to Businesses and Residents	Developers (construction)	Conservation, Health Department	# of copies distributed	2019

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Part III: Stormwater Management Program Summary (continued)

MCM 2: Public Involvement and Participation

[illegible]

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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 overridden)	Beginning Year of BMP Implementation
SSO inventory	Develop SSO inventory in accordance of permit conditions	Water and Sewer Department	Complete within 1 year of effective date of permit	2018
Storm sewer system map	Create map and update during IDDE program completion	Engineering, Department of Public Works, Sewer and Water Department	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, Board of Health, Conservation, Town Administrator.	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	Engineering	Complete 10 years after effective date of permit	2019
Employee training	Train employees on IDDE implementation	Engineering	Train annually	2018
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	2020
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	Engineering	Complete ongoing outfall screening upon completion of IDDE program	2018
IDDE Plan - Illegal Dumping Program	Incorporate Information on Illicit Discharges into Public Education and Outreach Topics	Board of Health, Conservation, Town Administrator.	Draft materials developed during year 13 of 2003 MS4 permit.	2018

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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	Conservation	Inspection checklist and documented inspections	2019
Site plan review	Complete written procedures of site plan review and begin implementation	Conservation and Town Engineer	Sites are routinely inspected for compliance with Stormwater Management and Erosion control Bylaw.	2019
Erosion and Sediment Control	Adoption of requirements for construction operators to implement a sediment and erosion control program	Conservation, Engineering	Adopted bylaw	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	Conservation	Complete within 1 year of the effective date of permit	2018
Construction Public Complaint Hotline	Identify Department to Take Stormwater Calls	Conservation	Record number of phone calls to hotline, copies of advertisement and any actions taken.	2018

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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	Engineering, Conservation, Planning	Require submission of as-built plans for completed projects	2018
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, DPW	Complete 4 years after effective date of permit and report annually on retrofitted properties	2019
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, Planning	Complete 4 years after effective date of permit and implement recommendations of report	2019
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, Planning	Complete 4 years after effective date of permit and implement recommendations of report	2020

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	2019

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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, Highway Department, Water and Sewer 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	Conservation	Complete 2 years after effective date of permit and implement annually	2019
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	Engineering, Highway Department, DPW	Complete 2 years after effective date of permit	2019
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	Engineering, Highway Department, DPW	Complete and implement 2 years after effective date of permit	2019
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	2018
Street sweeping program	Sweep all streets and permittee-owned parking lots in accordance with permit conditions	Highway Department	Priority plan of sweeping based on water quality impact. Volume of sweepings collected.	2018
Road salt use optimization program	Establish and implement a program to minimize the use of road salt	Highway Department, Department of Public Works	Implement salt use optimization during deicing season	2018

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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.**

[illegible]

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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.**

[illegible]

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.

Endangered Species Compliance

There is currently one federally endangered or threatened species found within the borders of the Town of Walpole, MA. The species is the Northern Long-Eared Bat. It is currently listed as "Threatened." A copy of the determination by Fish and Wildlife is attached to this Notice of Intent. There are no critical habitats located within the Town of Walpole. Based on this information there are no negative impacts associated with the stormwater discharges or discharge activities that would affect this species.

National Historic Preservation Act Compliance

Stormwater discharges associated with the Town of Walpole MS4 were previously authorized under the 2003 Massachusetts MS4 Permit. The discharges do not have the potential to cause effects on historic properties.

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:

Jim Johnson

Title:

Town Manager

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

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Part V: Certification

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Name:

Jim Johnson

Title:

Town Manager

Signature:



Date:

9/10/18

[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