

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):

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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.

[illegible]

[Click to lengthen table](#)

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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 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 require a target audience).

MCM 1: Public Education and Outreach

BMP ID	BMP Media/Category	BMP Description	Targeted Audience	Responsible Department/ Parties	Measurable Goal	Beginning Year of BMP Implementation
1A	Multi-media methods (including social media and print materials)	Education and outreach on stormwater management topics of significance in Avon (including proper pet waste management, proper maintenance of septic systems, proper disposal of leaf litter and proper use of pesticides and fertilizers). Educational topics will include but are not limited to those in EPA's Permit Part 2.3.2.d.i Education and outreach on topics required by Appendices F and H.	Residents	Continue with Selectmen, Public Works, Board of Health	Distribute a minimum of two (2) educational messages spaced at least a year apart by PY5 (June 30, 2023) as well as any that may be required by Appendices F and H	2018 (PY1)

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BMP ID	BMP Media/Category	BMP Description	Targeted Audience	Responsible Department/ Parties	Measurable Goal	Beginning Year of BMP Implementation
1B	Multi-media methods (including web and print materials)	Education and outreach on stormwater management topics of significance in Avon (including proper lawn maintenance, proper disposal of leaf litter and parking lot sweeping). Educational topics will include but are not limited to those in EPA's Permit Part 2.3.2.d.ii. Education and outreach on topics required by Appendices F and H.	Businesses, Institutions, and Commercial Facilities	Continue with Selectmen, Public Works, Board of Health	Distribute a minimum of two (2) educational messages spaced at least a year apart by PY5 (June 30, 2023) as well as any that may be required by Appendices F and H	2019 (PY2)
1C	Multi-media methods (including web and print materials)	Education and outreach on stormwater management topics of significance in Avon (including proper erosion and sedimentation control, permit requirements, and design standards). Educational topics will include but are not limited to those in EPA's Permit Part 2.3.2.d.iii	Developers (Construction)	Continue with Selectmen, Public Works, Board of Health	Distribute a minimum of two (2) educational messages spaced at least a year apart by PY5 (June 30, 2023) Distribute three annual messages (Spring, Summer, Fall) by PY5 (June 20, 2023)	2018 (PY1)

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BMP ID	BMP Media/Category	BMP Description	Targeted Audience	Responsible Department/ Parties	Measurable Goal	Beginning Year of BMP Implementation
1D	Multi-media methods (including web and print materials)	Education and outreach on stormwater management topics of significance in Avon (including pollution prevention, illicit discharges, information about the Multi-Sector General Permit). Educational topics will include but are not limited to those in EPA's Permit Part 2.3.2.d.iv	Industrial Facilities	Continue with Selectmen, Public Works, Board of Health	Distribute a minimum of two (2) educational messages spaced at least a year apart by PY5 (June 30, 2023)	2019 (PY2)

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BMP ID	BMP Category	BMP Description	Responsible Department/Parties	Measurable Goal	Beginning Year of BMP Implementation
2A	Public Review	SWMP review (Plan and reports available on web and at public meetings)	Continue with Public Works; annual Board of Selectman Review	Annually provide the public with an opportunity to participate in the review and implementation of the SWMP	2018 (PY1)
2B	Public Participation	Provide opportunities for public involvement and participation in Avon's stormwater program (including clean up events). Specific activities, schedule, and lead departments are included in the SWMP.	Continue with Board of Health with Public Works Assistance	Ongoing compliance	2018 (PY1)

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MCM 3: Illicit Discharge Detection and Elimination (IDDE)

BMP ID	BMP Category	BMP Description	Responsible Department/Parties	Measurable Goal	Beginning Year of BMP Implementation
3A	IDDE Ordinance/Bylaw	Complete. Continue to enforce and update if necessary.	Public Works	Track illicit discharges identified and removed annually.	2018 (PY1)
3B	SSO Inventory	Develop SSO inventory in accordance of permit conditions. Not applicable – no sewer in Avon.	N/A	Not applicable – no sewer in Avon.	N/A
3C	Storm sewer system map	Outfall Inventory Complete. Improve map during IDDE Program implementation	Public Works	Update map within two (2) years of effective date of permit (i.e. June 30, 2020) and complete full system map 10 years after effective date of permit (i.e. June 30, 2028)	2018 (PY1)
3D	Written IDDE program	Develop written IDDE Plan.	Public Works	Complete within one (1) year of the effective date of permit (i.e. June 30, 2019) and update as required (ongoing)	2018 (PY1)

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BMP ID	BMP Category	BMP Description	Responsible Department/Parties	Measurable Goal	Beginning Year of BMP Implementation
3E-1	Assessment and Priority Ranking of Outfalls & Interconnections	Outfall/ Interconnection Inventory and Initial Ranking as part of BMP 3D. Include applicable requirements of bacteria/pathogen TMDL for Taunton River Watershed included in EPA Permit Appendix F	Public Works	Complete within one (1) year of the effective date of permit (i.e. June 30, 2019) and update as necessary (ongoing)	2018 (PY1)
3E-2	Assessment and Priority Ranking of Outfalls & Interconnections	Dry Weather Outfall Screening & Sampling in accordance with IDDE Plan and permit conditions Include applicable requirements of bacteria/pathogen TMDL for Taunton River Watershed included in EPA Permit Appendix F	Public Works	Complete three (3) years after effective date of permit (i.e. June 30, 2021). Track # of illicit discharges identified & volume removed annually. Summarize screening/ sampling results annually.	2018 (PY1)

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BMP ID	BMP Category	BMP Description	Responsible Department/Parties	Measurable Goal	Beginning Year of BMP Implementation
3E-3	Assessment and Priority Ranking of Outfalls & Interconnections	Catchment Investigations according to IDDE Program and permit conditions Consider requirements of bacteria/pathogen TMDL for Taunton River Watershed included in EPA Permit Appendix F	Public Works	Complete 10 years after effective date of permit (i.e. June 30, 2028). Track # and percentage of MS4 catchments evaluated annually. Track # of illicit discharges identified & volume removed annually. Summarize screening/sampling results annually.	2019 (PY2)
3F	Employee Training	Train relevant employees on IDDE implementation	Public Works	Train annually. Track employees trained, training topic, date/time, and materials presented.	2018 (PY1)
3G	Nitrogen Source and Phosphorus Source Identification Reports	Prepare reports in accordance with EPA MS4 Permit Appendix H	Public Works	Submit final reports to EPA with Permit Year 4 Annual Report (i.e. October 1, 2022).	2019 (PY2)

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Part III: Stormwater Management Program Summary

MCM 4: Construction Site Stormwater Runoff Control

BMP ID	BMP Category	BMP Description	Responsible Department/Parties	Measurable Goal	Beginning Year of BMP Implementation
4A	Construction Bylaw and Regulations	Modify local bylaw and regulations, if necessary, to contain new MS4 provisions per section 2.3.5.	Continue with Planning Board/ Public Works	Review current procedures and modify if necessary within one (1) year of permit effective date (i.e. June 30, 2019).	2018 (PY1)
4B	Construction Policy and Procedures	Develop and implement written procedures for site inspections and enforcement procedures per section 2.3.5.	Continue with Planning Board/ Public Works	Review current procedures and modify if necessary within one (1) year of permit effective date (i.e. June 30, 2019)	2018 (PY1)

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Part III: Stormwater Management Program Summary

MCM 5: Post-Construction Stormwater Management in New Development and Redevelopment

BMP ID	BMP Category	BMP Description	Responsible Department/Parties	Measurable Goal	Beginning Year of BMP Implementation
5A	Post-Construction Bylaw and Regulations	Modify local bylaw and regulations to contain new MS4 provisions per EPA Permit Section 2.3.6.a. Include applicable requirements of EPA Permit Appendix H	Continue with Planning Board/ Public Works	Modify existing bylaw and/or regulations if necessary within two (2) years of permit effective date (i.e. June 30, 2020)	2019 (PY 1 / 2)
5B	Assess street 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.	Public Works	Complete report no later than (4) years of permit effective date (i.e. June 30, 2022)	2020 (PY3)
5C	Assess allowing green infrastructure	Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist	Public Works	Complete report no later than (4) years of permit effective date (i.e. June 30, 2022)	2020 (PY3)

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BMP ID	BMP Category	BMP Description	Responsible Department/Parties	Measurable Goal	Beginning Year of BMP Implementation
5D	Retrofit Feasibility Assessment	Conduct detailed inventory of Town-owned properties and rank for retrofit potential Include applicable requirements of EPA Permit Appendix H related to addressing nitrogen and phosphorus through structural BMPs.	Public Works	Complete report no later than four (4) years of permit effective date (i.e. June 30, 2022). Beginning July 1, 2022) keep running list of at least five (5) retrofit sites. Install one structural BMP by end of Permit Year 6 (i.e. June 30, 2024) in accordance with EPA Permit Appendix H. Install other structural BMPs per schedule developed as part of retrofit feasibility assessment, if applicable.	2020 (PY3)

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Part III: Stormwater Management Program Summary

MCM 6: Municipal Good Housekeeping and Pollution Prevention

BMP ID	BMP Category	BMP Description	Responsible Department/Parties	Measurable Goal	Beginning Year of BMP Implementation
6A	Operation & Maintenance Program	Inventory and create O&M procedures for all permittee-owned parks and open spaces, buildings and facilities (including their storm drains), and vehicles and equipment Include applicable requirements of EPA Permit Appendix H	Public Works	Complete two (2) years after permit effective date (i.e. June 30, 2020), implement in following years	2019 (PY2)
6B	Operation & Maintenance Program	Establish and implement program for repair and rehabilitation of MS4 infrastructure Include applicable requirements of EPA Permit Appendix H	Public Works	Complete two (2) years after permit effective date (i.e. June 30, 2020), implement in following years	2019 (PY2)
6C	Stormwater Pollution Prevention Plans (SWPPP)	Develop and implement SWPPPs for the DPW facility and transfer station	Public Works	Complete SWPPPs within two (2) years of permit effective date (i.e. June 30, 2020), implement in following years	2019 (PY2)

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BMP ID	BMP Category	BMP Description	Responsible Department/Parties	Measurable Goal	Beginning Year of BMP Implementation
6D-1	Operation & Maintenance Program	Implement procedures to optimize catch basin cleaning developed under BMP 6B	Public Works	Track frequency and material quantity of catch basin cleaning in town annually. In first Annual Report and in SWMP, document plan for optimizing catch basin cleaning.	2018 (PY1)
6D-2	Operation & Maintenance Program	Implement procedures for street and parking lot sweeping developed under BMP 6A as well as anything that may be required by EPA Permit Appendix H.	Public Works	Annually track number of miles cleaned or the volume or mass of material removed.	2018 (PY1)
6D-3	Operation & Maintenance Program	Implement procedures for use and storage of deicing materials developed under BMP 6A	Public Works	Implement program for winter road maintenance throughout permit term.	2018 (PY1)
6D-4	Operation & Maintenance Program	Implement procedures to inspect and maintain Town-owned structural stormwater BMPs	Public Works	Develop an inventory of Town-owned BMPs within two (2) years of effective date of permit (i.e. complete by June 30, 2020). Report on inspection and maintenance conducted annually.	2018 (PY1)

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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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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.**

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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.

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: Steven Rose Title: Board of Selectmen

Signature: Steven Rose Date: 27 Sept 2018

(To be signed according to Appendix B, Subparagraph B.1.1, Standard Conditions)

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

REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE
FOR THE YEAR 1880

THE LAND OFFICE, WASHINGTON, D.C.

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