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

Part I: General Conditions

General Information

Name of Municipality or Organization: Georgetown State: MA

EPA NPDES Permit Number (if applicable): MAR041190

Primary MS4 Program Manager Contact Information

Name: John Cashell Title: Town Planner

Street Address Line 1: 1 Library Street

Street Address Line 2: Planning Office

City: Georgetown State: MA Zip Code: 01833

Email: jcashell@georgetownma.gov Phone Number: (978) 352-5713

Fax Number: (978) 352-5725

Other Information

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

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

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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

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
Parker River		☐	☐	☐	☒	☐	☒	☐	☒	☐	
Rock Pond	2	☐	☐	☐	☒	☐	☒	☐	☒	☐	
Pentucket Pond	4	☐	☐	☐	☒	☐	☒	☐	☒	☐	
Bulford Brook	1	☐	☐	☐	☒	☐	☒	☐	☒	☐	
Penn Brook	1	☐	☐	☐	☒	☐	☒	☐	☒	☐	
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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 Imple-mentation**
Brochures/Pamphlets	Maintain several educational displays	Residents	Conservation Committee	information posted and updated annually	2012
Brochures/Pamphlets	Distribution of fact sheet on stormwater quality and related water resources information	Businesses, Institutions and Commercial Facilities and Residents	Conservation Committee	to inform target audience about the need to properly control and treat stormwater runoff	2012
		Developers (construction)			
		Industrial Facilities			
Web Page	Stormwater information maintained and updated annually on our Town website under Highway Dept.	Residents	DPW Operations	user friendly website containing a series of downloadable residential and commercial development BMP fact sheets	2012
		Businesses, Institutions and Commercial Facilities			
		Developers (construction)			
		Industrial Facilities			

Meeting	Stormwater Forums	Georgetown Personnel and MVPC Staff	DPW Operations	educate municipal personnel on stormwater and BMP implementation and maintaining BMP	2012
Brochures/Pamphlets	Septic system maintenance and Title 5 brochures	Residents	Health Department	distribution of brochures	2012
Title 5 Management System	Title 5 Management System for improved records management and enforcement	Residents	Health Department	digital database	2012
Special Events/Festivals?Fairs	Household hazardous waste managment	Residents	Health Department	measurements of the collected waste	2012
School/Cirriculum Program	Use "Greenscapes" and Salem Coastal Watch for educational pamphlets for 5th graders	Residents	DPW Operations	distribution of pamphlets	2012
School/Cirriculum Program	Educate students and residents via storm drain stenciling and marking	General Public	DPW Operations	storm drain stenciling and marking plus education of the public	2012

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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	Annual Review of SWMP	DPW Operations	accessible online and hardcopy	
Public Participation	Interdepartmental Stormwater Committee	Interdepartmental staff,	Solicit input, chart progress, and facilitate implementation of SWM	2012
Public Review	SWMP Review	DPW Operations	Highway Dept. provide access for review of SWP and progress	2012
Public Review	All reports available to the public	DPW Operations	accessible online and hardcopy	2012
Public Participation	Cleanups/roadside general	DPW Construction	completed roadside cleanups	2012
Public Participation	Household hazardous waste collection day	Health Department	measurable waste collections	2012
Public Participation	Municipal Board meetings	DPW Operations	confer with Town Boards and staff for input on SWMP development	2012

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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 overwritten)	**Beginning Year of BMP Imple-mentation**
SSO inventory	Develop SSO inventory in accordance of permit conditions		Complete within 1 year of effective date of permit	
Storm sewer system map	Create map and update during IDDE program completion		Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit	
Written IDDE program	Create written IDDE program		Complete within 1 year of the effective date of permit and update as required	
Implement IDDE program	Implement catchment investigations according to program and permit conditions		Complete 10 years after effective date of permit	
Employee training	Train employees on IDDE implementation		Train annually	
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions		Complete 3 years after effective date of permit	
Conduct wet weather screening	Conduct in accordance with outfall screening procedure		Complete 10 years after effective date of permit	
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)		Complete ongoing outfall screening upon completion of IDDE program	
Located and mapped storm drain outfalls	Created GIS inventory and mapped all municipal storm drain outfalls.	DPW Operations	GIS inventory and map (completed, see GIS map of municipal storm drain outfalls on Town website (Highway Dept.)	2012

Located and mapped drain catch basins and manholes	Created GIS inventory and mapped all municipal storm drain catch basins and manholes.	DPW Operations	GIS inventory and map (completed, see GIS map of municipal storm drain catch basins and manholes on Town website (Highway Dept.)	2012
Developed and adopted local ilicit discharge detections and eliminatio	Press release, public hearing, town bylaw and regulations adopted in 2005.	Health Department	Town adopted bylaw/ regulation (completed in March 2005. See Town website/Health Dept.	2012
Track illicit connections	Developed inspection protocol in collaboration with MVPC and NEIWPCC; train inspectors; detected and documented dry weather flows, flow sources, illicit pipe connections.	Health Department	TBD	2012
Remove illicit connection	Elimination of non municipal non stormwater discharges to MS4	Health Department	TBD	2012

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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 Imple-mentation**
Site inspection and enforcement of Erosion and Sediment Control (ESC) measures	Complete written procedures of site inspections and enforcement procedures		Complete within 1 year of the effective date of permit	
Site plan review	Complete written procedures of site plan review and begin implementation		Complete within 1 year of the effective date of permit	
Erosion and Sediment Control	Adoption of requirements for construction operators to implement a sediment and erosion control program		Complete within 1 year of the effective date of permit	
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		Complete within 1 year of the effective date of permit	
Construction Site runoff/Control bylaw/regulation	Public Hearing Notice, Public Hearing, town adoption and implementation of construction site runoff control bylaw/regulation	Planning/zoning Department	implemented bylaw/ regulation	2012
Slope Development Regulation	Public Hearing Notice, Public Hearing, town adoption and implementation of slope development bylaw/ regulation	Planning/zoning Department	implemented bylaw/ regulation	2012

Open Space Residential Development	Public Hearing Notice, Public Hearing, town adoption and implementation of Open Space Residential development bylaw/ regulation	Planning/zoning Department	implemented bylaw/ regulation	2012
Subdivision SIte Plan Review	Ongoing administration of subdivision site plan review process	Planning/zoning Department	Ongoing	2012
Local wetland regulations	Ongoing administration of local wetlands protection regulations including issuance of Order of Conditions to minimize/mitigate storm water impacts on sensitive wetland resource areas	Conservation Committee	Ongoing	2012
Open Space Preservation	Consideration of parcels for future acquisition/ preservation	Conservation Committee	Ongoing	2012

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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 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		Require submission of as-built plans for completed projects	
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		Complete 4 years after effective date of permit and report annually on retrofitted properties	
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		Complete 4 years after effective date of permit and implement recommendations of report	
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.		Complete 4 years after effective date of permit and implement recommendations of report	

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		Complete 2 years after effective date of permit	
Post construction runoff control regulations	Public Hearing Notice, Public Hearing, town adoption and implementation of post construction runoff control regulations.	Planning/zoning Department	revised draft bylaw into Stormwater Bylaw and Regulations (below)	2012
Comprehensive Stormater Management Bylaw	Public Hearing Notice, Public Hearing, town adoption and implementation of stormwater managment bylaw.	Planning/zoning Department	implemented comprehensive stormwater bylaw	2012
BMP Operation and Maintenance Procedures	written procedures and personnel training manual to ensure ongoing operation and maintenance of stormwater	DPW Operations	written handbook/ manual	2012
BMP Evaluation Procedures	written procedures and personnel training manual to evaluate and refine MPS's for purpose of ensuring long term SW BMP effectiveness in minimizing water quality and habitat impacts	DPW Operations	written handbook/ manual	2012

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		Complete and implement 2 years after effective date of permit	
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory		Complete 2 years after effective date of permit and implement annually	
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure		Complete 2 years after effective date of permit	
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities		Complete and implement 2 years after effective date of permit	
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		Clean catch basins on established schedule and report number of catch basins cleaned and volume of material moved annually	
Street sweeping program	Sweep all streets and permitee-owned parking lots in accordance with permit conditions		Sweep all streets and permitee-owned parking lots once per year in the spring	
Road salt use optimization program	Establish and implement a program to minimize the use of road salt		Implement salt use optimization during deicing season	

Inspections and maitenance of stormwater treatment structures	Establish and implement inspection and maitenance procedures and frequencies		Inspect and maintain treatment structures at least annually	
Semi annual catch basin inspections and cleanings	Improve quality of stormwater drain discharge by maximizing catch basin sump capacity and minimizing sediment debris buildup	DPW Operations	completed approx. 1200 catch basin cleanups per year	2012
Annual outflow pipe inspections and cleanings	Inspect and remove accumulated sediment and brush as needed to maintain unobstructed flows and prevent ponding and erosion	DPW Operations	maintain capacity and operating efficiency of municipal outflows	2012
Public Works BMP Training	Training sessions and materials for town highway and municipal maintenance crews as well as Planning, Health Dept, and Conservation staff	DPW Operations	additional town employee education and training including instructions on illicit discharge, detection and elimination	2012
Highway Dept. sponsorship of Town wide "Greenscapes" program	Mailing 3,000+ copies of "Greenscapes" education materials to Georgetown households in time for spring and summer landscape and gardening seasons	DPW Operations	distributed mailings	2012
Street Sweep Program	Sweep streets once per year in spring	DPW Operations	completed projects	2012

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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.**

Applicable TMDL	Action Description	Responsible Department/Parties (enter your own text to override the drop down menu)

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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)
Bacteria	Parker River		
Nitrogen	Parker River		
Phosphorus	Parker River		
Bacteria	Rock Pond		
Nitrogen	Rock Pond		
Phosphorus	Rock Pond		
Bacteria	Pentucket Pond		
Nitrogen	Pentucket Pond		
Phosphorus	Pentucket Pond		
Bacteria	Bulford Brook		
Nitrogen	Nitrogen Brook		
Phosphorus	Bulford Brook		
Bacteria	Penn Brook		
Nitrogen	Penn Brook		
Phosphorus	Penn Brook		

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.

Georgetown Chapter 57 Stormwater and Erosion Control Bylaw (adopted 2011 and most recently amended in 2016); see copy of Chapter 57on Town website, Planning Board, Zoning.

Chapter 365-41Erosion Control Program, Planning Board Subdivision Rules and Regulations; see copy of said chapter on town website, Planning Board, Subdivision Rules and Regulations.
Click to add text

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