

Part I: General Conditions**General Information**

Name of Municipality or Organization: <input type="text" value="Plymouth"/>	State: <input type="text" value="MA"/>
EPA NPDES Permit Number (if applicable): <input type="text" value="MAR041150"/>	

Primary MS4 Program Manager Contact Information

Name: <input type="text" value="Jonathan Beder"/>	Title: <input type="text" value="DPW Director"/>	
Street Address Line 1: <input type="text" value="Town of Plymouth"/>		
Street Address Line 2: <input type="text" value="26 Court Street"/>		
City: <input type="text" value="Plymouth"/>	State: <input type="text" value="MA"/>	Zip Code: <input type="text" value="02360"/>
Email: <input type="text" value="jbeder@townhall.plymouth.ma.us"/>	Phone Number: <input type="text" value="(508) 830-4162"/>	
Fax Number: <input type="text"/>		

Other Information

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed):	<input type="text" value="Plymouth Engineering Department"/>
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Eligibility Determination

Endangered Species Act (ESA) Determination Complete? <input type="checkbox" value="Yes"/>	Eligibility Criteria (check all that apply): <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C
National Historic Preservation Act (NHPA) Determination Complete? <input type="checkbox" value="Yes"/>	Eligibility Criteria (check all that apply): <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C

Check the box if your municipality or organization was covered under the 2003 MS4 General Permit

MS4 Infrastructure (if covered under the 2003 permit)

Estimated Percent of Outfall Map Complete? (Part II, III, IV or V, Subpart B.3.(a.) of 2003 permit)	<input type="text" value="100%"/>	If 100% of 2003 requirements not met, enter an estimated date of completion (MM/DD/YY): <input type="text"/>
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Web address where MS4 map is published:

<i>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)</i>	<input type="text" value="http://gis.townhall.plymouth.ma.us/watershed.html"/>
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Regulatory Authorities (if covered under the 2003 permit)

Illicit Discharge Detection and Elimination (IDDE) Authority Adopted? (Part II, III, IV or V, Subpart B.3.(b.) of 2003 permit)	<input type="checkbox" value="No"/>	Effective Date or Estimated Date of Adoption (MM/DD/YY): <input type="text" value="05/30/19"/>
Construction/Erosion and Sediment Control (ESC) Authority Adopted? (Part II, III, IV or V, Subpart B.4.(a.) of 2003 permit)	<input type="checkbox" value="Yes"/>	Effective Date or Estimated Date of Adoption (MM/DD/YY): <input type="text" value="03/01/09"/>
Post- Construction Stormwater Management Adopted? (Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)	<input type="checkbox" value="Yes"/>	Effective Date or Estimated Date of Adoption (MM/DD/YY): <input type="text" value="03/01/09"/>

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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.

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 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
Brochures/Pamphlets	Mail flyer with bill.	Residents	DMEA / Town Engineer / Citizen Stormwater Committee	Survey Monkey (2018 / 2022) to measure effectiveness of messaging.	2019
Web Page	Brochures	Businesses, Institutions and Commercial Facilities	DMEA / DPW / Citizen Stormwater Committee / IT Division	Track Down Loads	2021
Brochures/Pamphlets	Email Fact Sheet	Developers (construction)	Building Dept / Conservation Commission / DPW	Survey Monkey	2019
Brochures/Pamphlets	Email Fact Sheet	Industrial Facilities	Planning and Development	"	2018
Brochures/Pamphlets	Billing Insert	Residents	DMEA / Town Clerk	"	2022
Local Public Service Announcements	Cable Access TV	Businesses, Institutions and Commercial Facilities	DMEA / Cable Advisory Committee	"	2023
Brochures/Pamphlets	Email Fact Sheet	Developers (construction)	Building Dept / Conservation Commission / DPW	"	2022
Brochures/Pamphlets	Email Fact Sheet	Industrial Facilities	Building Dept / Conservation Commission / DPW	"	2022
Brochures/Pamphlets	Grass/Fertilizer F/H	Residents / Business / Institutions	Town Engineer /DMEA	"	2019
Brochures/Pamphlets	Grass/Fertilizer F/H	Residents / Business / Institutions	Town Engineer /DMEA	"	2023
Brochures/Pamphlets	Pet Waste F/H	Residents	Town Engineer / DMEA	"	2018

Brochures/Pamphlets	Pet Wast F/H	Residents	Town Engineer /DMEA	"	2023
Brochures/Pamphlets	Leaf Litter F/H	Residents / Business / Institutions	Town Engineer /DMEA	"	2018
Brochures/Pamphlets	Leaf Litter F/H	Residents / Business / Institutions	Town Engineer /DMEA	"	2023
Brochures/Pamphlets	Pet Waste Guide F/H	Residents	Town Engineer /Town Clerk	"	2019
Brochures/Pamphlets	Pet Waste Guide F/H	Residents	Town Engineer /Town Clerk	"	2023
Brochures/Pamphlets	Septic System F/H	Septic System Owners	Town Engineer /DMEA	"	2019
Brochures/Pamphlets	Septic System F/H	Septic System Owners	Town Engineer /DMEA	"	2023

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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- menta- tion
Public Review	SWMP Review	Town Engineer / IT Division	Allow annual review of stormwater management plan and posting of stormwater management plan on website	2019
Public Participation	Stormwater Committee/Task Force	Board of Selectmen	Allow public to comment on stormwater management plan annually	2018

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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 Implementation
SSO inventory	Develop SSO inventory in accordance of permit conditions	DPW	Complete within 1 year of effective date of permit	2018
Storm sewer system map	Create map and update during IDDE program completion	DPW	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	Town Engineer	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	DPW	Complete 10 years after effective date of permit	2018
Employee training	Train employees on IDDE implementation	DPW	Train annually	2018
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	DPW / DMEA / Town Engineer	Complete 3 years after effective date of permit	2020
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	DPW / DMEA / Town Engineer	Complete 10 years after effective date of permit	2023
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	DPW / DMEA / Town Engineer	Complete ongoing outfall screening upon completion of IDDE program	2023

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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	Planning and Development / Building Dept / CC	Complete within 1 year of the effective date of permit	2018
Site plan review	Complete written procedures of site plan review and begin implementation	Planning and Development / Building Dept / CC	Complete within 1 year of the effective date of permit	2018
Erosion and Sediment Control	Adoption of requirements for construction operators to implement a sediment and erosion control program	Planning and Development / Building Dept / CC	Complete within 1 year 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	Planning and Development / Building Dept / CC	Complete within 1 year of the effective date of permit	2019

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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	Planning Department and Conservation Commission	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	Stormwater Task Force	Complete 4 years after effective date of permit and report annually on retrofitted properties	2020
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	Planning/zoning Department / Stormwater Task Force	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.	Planning and DPW	Complete 4 years after effective date of permit and implement recommendations of report	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	DPW / Schools / DMEA / Police /Fire / Parks	Complete and implement 2 years after effective date of permit	2020
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	Town Departments	Complete 2 years after effective date of permit and implement annually	2020
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	DPW / Schools / DMEA / Police /Fire / Parks	Complete 2 years after effective date of permit	2020
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	DPW / Town Engineer	Complete and implement 2 years after effective date of permit	2020
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	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	Sweep all streets and permittee-owned parking lots once per year in the spring	2019
Road salt use optimization program	Establish and implement a program to minimize the use of road salt	DPW	Implement salt use optimization during deicing season	2019

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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)
Buzzards Bay (Bacteria/Pathogen)	Adhere to requirements in part A.III of Appendix F	DMEA / DPW / Planning and Development / Town Engineer
South Coastal Watershed (Bacteria/Pathogen)	Adhere to requirements in part A.III of Appendix F	DMEA / DPW / Planning and Development / Town Engineer
	Adhere to requirements in part B.III of Appendix F	

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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. 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)
Phosphorus	MA95166 , MA95173	Adhere to requirements in part II of Appendix H	DMEA / DPW / Planning and Development / Town Engineer
Nitrogen	MA94-16	Adhere to requirements in part I of Appendix H	DMEA / DPW / Planning and Development / Town Engineer
Turbidity	MA94007	Adhere to requirements in part V of Appendix H	DMEA / DPW / Planning and Development / Town Engineer
E. Coli	MA94-15, MA94-34, MA94-16	Adhere to requirements in part III of Appendix H	DMEA / DPW / Planning and Development / Town Engineer

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.

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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: Melissa Arrighi

Title: Town Manager

Signature:



Date:

9/18/18

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