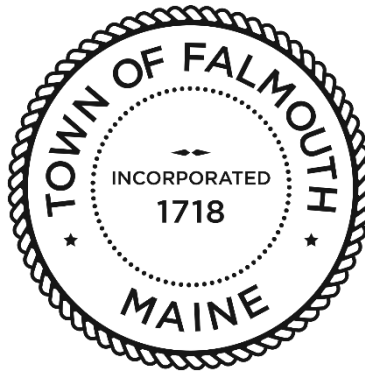


STORMWATER MANAGEMENT PLAN

FOR

TOWN OF FALMOUTH, MAINE



MS4 General Permit Effective July 1, 2022

Initially Submitted to Maine DEP: March 26, 2021

Updated based on MEDEP comments: August 30, 2021

Updated based on permittee specific DEP order: August 2, 2022

Updated with Permit Year One Changes: July 26, 2023

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1 INTRODUCTION

1.1 Overview of Regulatory Program

The Town of Falmouth is subject to the *“General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems (MS4s)”* which was issued by the Maine Department of Environmental Protection (DEP) with an effective date of July 1, 2022. The permit is limited to a duration of five (5) years and is due to expire on June 30, 2027.

Communities are regulated under this program when and if they are identified as having “Urbanized Areas” in their municipal boundary. An Urbanized Area is a U.S. Census-defined term, applied to a large area that has a high population density and/or a high percentage of impervious cover (hard scape surfaces like parking lots or buildings). Both criteria (high population density and high percentage of impervious cover) cause an area to be at risk for adverse surface water quality impacts from polluted stormwater discharges.

The U.S. Environmental Protection Agency (USEPA) and Maine DEP began regulating communities for their stormwater discharges using the Urbanized Area criteria in 2003. The Town of Falmouth became regulated in 2003 based on the 2000 census.

Once a community becomes regulated by the MS4 General Permit, only the Urbanized Area portions of the town are regulated. As each U.S. Census is published, if the Urbanized Area changes (based on changes to the population or impervious cover), additional areas can be added to the regulated area only after a new MS4 General Permit is issued. Once an Urbanized Area is regulated by the MS4 General Permit, it cannot be removed from regulation, even if a subsequent census identifies it is no longer classified as an Urbanized Area. Therefore, the area regulated by the MS4 General Permit can either grow larger or stay the same size, but it cannot become smaller. Appendix A shows the Urbanized Area that is regulated by the 2022 MS4 General Permit for the town, which is based on the cumulative 2000 and 2010 U.S. Census Urbanized Area data. The 2022 MS4 General Permit specifically does not include any areas identified by the 2020 U.S. Census.

1.2 Cooperation Between Regulated Communities

There are 30 municipalities in the State of Maine that are subject to the 2022 MS4 General Permit. There are also two transportation agencies which are subject to their own MS4 General Permit, and eight state/federal agencies that are subject to a third MS4 General Permit (which are called “nested” MS4s).

The Town of Falmouth is a member of the Casco Bay Interlocal Stormwater Working Group (ISWG). ISWG is a coalition of 14 MS4 municipalities in the greater Portland and Saco areas (Biddeford, Cape Elizabeth, Cumberland, Falmouth, Freeport, Gorham, Old Orchard Beach, Portland, Saco, Scarborough, South Portland, Westbrook, Windham, and Yarmouth) as well as

the Southern Maine Community College and University of Southern Maine which are also regulated as MS4s under a separate permit. This coalition is facilitated by the Cumberland County Soil and Water Conservation District (CCSWCD), which also assists in completing some of the permit requirements under contract to the coalition.

Similarly, the Bangor area MS4s have formed the Bangor Area Stormwater Working Group (BASWG), the Lewiston-Auburn area MS4s formed the Androscoggin Valley Stormwater Working Group (AVSWG), and the southern-most regulated MS4s formed the Southern Maine Stormwater Working Group (SMSWG). For some public education requirements, all the stormwater working groups are working cooperatively as identified in this plan.

In implementing the 2022 MS4 General Permit, the Town of Falmouth relies on the ISWG to complete some requirements, hires a third party-consultant to implement some requirements and implements other requirements using municipal staff. This plan describes which elements will be completed individually, regionally or as a state-wide effort.

1.3 Stormwater Management Plan

The MS4 General Permit does not specify *numeric* effluent limitations (concentrations that a stormwater discharge must meet). Instead, the MS4 General Permit specifies *narrative* effluent limitations, in the form of Minimum Control Measures (MCMs).

This Stormwater Management Plan (SWMP) describes how the Town will implement Best Management Practices (BMPs) to meet the six MCMs, set forth in Part IV(C) of the 2022 MS4 General Permit. The six MCMs that are required to be addressed in this Plan are:

- 1 Education/Outreach Program
- 2 Public Involvement and Participation
- 3 Illicit Discharge Detection and Elimination Program
- 4 Construction Site Stormwater Runoff Control
- 5 Post-Construction Stormwater Management in New Development and Redevelopment
- 6 Pollution Prevention/Good Housekeeping for Municipal Operations

The 2022 MS4 General Permit requires that for each MCM, the Town must:

- define specific BMPs;
- designate a person(s) or positions(s) responsible for implementing each BMP;
- define a timeline for implementation of each BMP, and
- define measurable goals for each BMP.

The SWMP is a tool that describes how a regulated community establishes its stormwater controls. It is not an enforceable document, however, some of its elements are enforceable as identified in the Town's permittee-specific DEP Order contained in Appendix B. Flexibility is built into the SWMP to allow communities to engage in an adaptive management approach to

mitigating or eliminating the discharge of pollutants to and from its regulated small MS4. This approach enables the Town to adjust the SWMP and BMPs throughout the permit cycle if needed based on evaluations of their effectiveness, changing conditions, specific local concerns, or changes in other factors. SWMP modifications that require DEP review and approval, and public notice are described in Section 1.6 Obtaining Coverage to Discharge and Section 1.8 Modifications.

1.4 Water Quality and Discharges to Impaired Waters

The 2022 MS4 General Permit contains the following requirements for discharges to waters that are not attaining water quality criteria or standards, as determined by Maine DEP (a.k.a. impaired waters):

- (1) If an MS4 has a point source discharge to a waterbody where an EPA-approved Total Maximum Daily Load (TMDL) document exists, the discharge must be consistent with any requirements of the TMDL and the SWMP must propose clear, specific and measurable actions to comply with the TMDL waste load allocation (WLA) and any implementation plan. The 2022 MS4 General Permit does not authorize a direct discharge that is inconsistent with the WLA or an approved TMDL. This requirement applies only to TMDLs approved by EPA as of October 15, 2020.
- (2) If an MS4 has a point source discharge to a waterbody where a TMDL is approved or modified by EPA after October 15, 2020, the Maine DEP will notify the permittee if any changes are needed to the SWMP and may take other actions regarding the approved TMDL as identified in the 2022 MS4 General Permit.
- (3) If an MS4 has a discharge to an Urban Impaired Stream, it must develop and implement three BMPs to address the water's impairment, unless the DEP has determined the MS4 discharge is not causing or contributing to the impairment. The BMPs must address a specific impairment from the MS4 discharge within the Urbanized Area, be clear, specific and measurable. **Note: The Town of Falmouth does not currently have any Urban Impaired Streams.**

Section 1.4.1 describes generally how the state evaluates surface waters and describes TMDL documents and Urban Impaired Streams. Section 1.4.2 describes the status of the waters that receive discharges from the Town's MS4. If applicable, Section 1.4.3 describes recent progress by the Town on addressing any impairments which have MS4 requirements and provides rationale for how the BMPs in this SWMP address these 2022 MS4 General Permit requirements.

1.4.1 State Water Quality Assessments

The State of Maine is required by the Clean Water Act to identify water quality classifications for each surface water in the State, and then to assess whether each of those waters is

meeting its designated classification standards. Maine has four classifications for freshwater rivers, three classes for marine and estuarine waters, and one class for lakes and ponds. Each classification identifies a use and set of water quality standards for the water. The classifications, uses, and standards are described and assigned to the various waters in the Maine Statutes (Title 38, Sections 464 through 469).

Assessments as to whether each water is achieving its designated classification are based on data that is obtained from several sources depending on the type of water being assessed:

- Lake and ponds are assessed primarily through data obtained by the DEP and regional entities and lake associations. The regional and lake association data is coordinated through the Lake Stewards of Maine (Volunteer Lake Monitoring Program).
- Marine and Estuarine waters are assessed by evaluation of data obtained from the DEP, Maine Healthy Beaches, Department of Marine Resources, Marine Environment's Gulf Watch, Gulf of Maine Council, and several other academic and non-profit organizations.
- Wetlands are assessed primarily using data obtained from the DEP Biomonitoring Program.
- Rivers and Streams are assessed using data from the DEP Biomonitoring Program, Surface Water Ambient Toxics (SWAT) Monitoring Program, the Atlantic Salmon Recovery Plan, Volunteer River Monitoring Program (VRMP) and through many other government agencies such as the Department of Inland Fisheries and Wildlife, EPA, United States Geologic Survey.

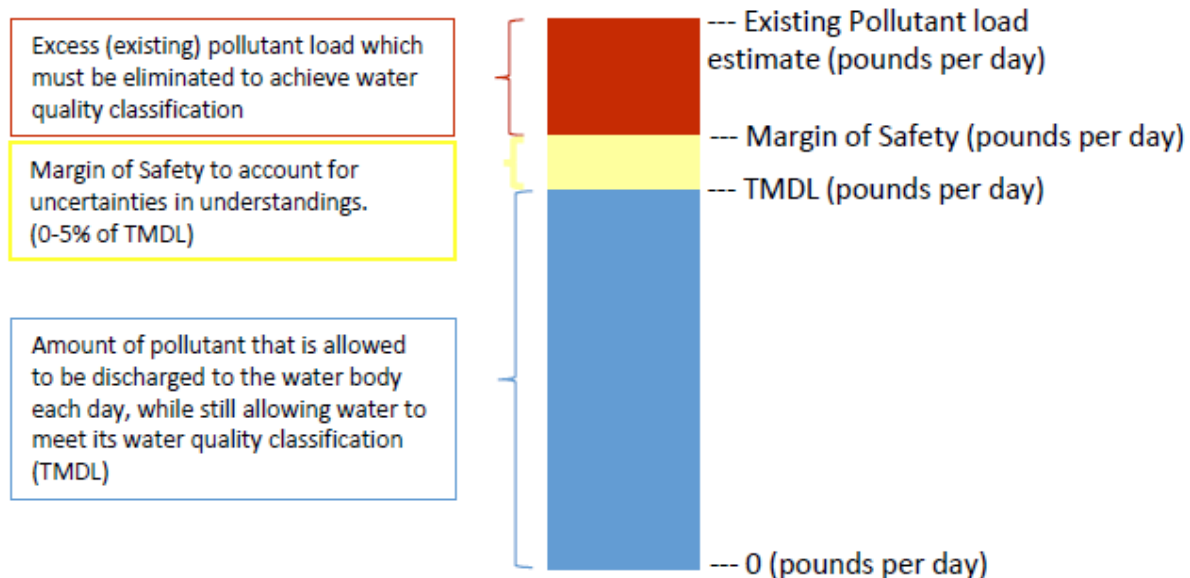
Every two years, the DEP publishes a report and list documenting the results of the assessments, and identifying which waters are meeting their designated classifications, and which are considered impaired. The report and list are called the Integrated Water Quality Report and are generally referred to by the Section of the Clean Water Act which requires them: the 305(b) report and/or the 303(d) list, respectively. There are five general status categories available for assignment to each water:

- Category 1: Attaining all designated uses and water quality standards, and no use is threatened.
- Category 2: Attains some of the designated uses; no use is threatened; and insufficient data or no data and information is available to determine if the remaining uses are attained or threatened (with presumption that all uses are attained).
- Category 3: Insufficient data and information to determine if designated uses are attained (with presumption that one or more uses may be impaired).
- Category 4: Impaired or threatened for one or more designated uses, but does not require development of a TMDL (Total Maximum Daily Load) report.
 - 4A means a TMDL has already been completed.
 - 4B means other pollution control measures will address impairment.

- 4C means the impairment is not caused by a pollutant.
- Category 5: Waters impaired or threatened for one or more designated uses by a pollutant(s), and a TMDL report is required.

In Maine, the most current 303(d) list approved by the EPA is from the 2016 data. The Maine DEP has indicated they will issue a combined 2018/2020/2022 303(d) list sometime in 2022.

A TMDL document identifies the source(s) of the impairments and recommendations to correct the impairments. A TMDL document identifies how much of a pollutant a water body can receive and still meet its water quality classification. Typically, the units are identified as pounds per day, which is the basis for the term “Total Maximum Daily Load”. TMDLs typically include a Margin of Safety between 2 and 5% of the TMDL to account for uncertainties or lack of knowledge about the relationship between the pollutant loading and water quality.



Total Maximum Daily Load (TMDL) Components

In addition to the Maine 305(b) report and 303(d) list, Maine has developed a special rule, Chapter 502, which has restrictions related to Direct Watersheds of Lakes Most at Risk from New Development and Urban Impaired Streams. This rule became effective in 1997 and has been modified several times over the years. The rule defines an Urban Impaired Stream as a stream that fails to meet its water quality standards because of effects of stormwater runoff from developed land. The rule imposes additional stormwater treatment controls on development in the watersheds of Urban Impaired Streams.

1.4.2 Falmouth Water Quality Status

The following is a summary of the waters in the Town's Urbanized Area that receive point source discharges from the Town's MS4 and each waterbody's TMDL and impairment status.

Table 1 shows the waters where the Town has regulated small MS4 discharges (within the Urbanized Area) and their impairment status. There are no Urban Impaired Streams in Falmouth, and the only impaired waters are marine/estuarine waters on the 303(d) list for bacteria impairments. It should be noted that Casco Bay was previously listed in the 2009 Statewide Bacteria TMDL; however, it was recategorized in 2016 as Category 5-B-1(a) (needs TMDL) until such time as the Maine DEP reissues the Statewide Bacteria TMDL.

Note: Because DMR updated their designations and naming structure on March 1, 2021, the Figures reflect the new designations and naming structure and Table 1 shows both the new designation and the old DMR designation that was in effect when the 2022 MS4 General Permit was finalized on October 15, 2020.

TABLE 1
WATERBODIES IN FALMOUTH WITH DISCHARGES FROM THE REGULATED SMALL MS4

Waterbody Name	Impairment Status	Comments
Casco Bay	Growing Area: WI, Growing Area Sections: R3 and CA5 (formerly DMR Pollution Area 13), Category 5-B-1(a)	Elevated fecal indicators; included in 2009 Statewide Bacteria TMDL; moved from Category 4-A to 5-B-1(a) in 2016 until major Bacteria TMDL update
Presumpscot River	None	
Piscataqua River	None	
Mill Creek	None	
Norton Brook	None	

Figure 1 shows the locations of the freshwaters and their water quality status according to the 2016 303(d) list. As shown in both Table 1, Figure 1 and Appendix A, there are no freshwater waterbodies that are impaired within the Urbanized Area of Falmouth. The 2016 303(d) freshwater data can be viewed using the following map viewer:

<https://maine.maps.arcgis.com/apps/webappviewer/index.html?id=dffb3d2b85904b18978d02fc9d913b5f>

Figure 2 shows the locations of the marine/estuarine waters and their water quality status according to the 2016 303(d) list. As shown in both Table 1 and Figure 2, the Growing Area Sections R3 and CA5 (formerly DMR Pollution Area 13) are located on the coast of Falmouth and receive discharges from the regulated small MS4. Figure 2 shows the status of marine waters according to DMR (<https://www.maine.gov/dmr/shellfish-sanitation-management/closures/index.html>)

Figure 1 - Falmouth Fresh Water Impairment Status

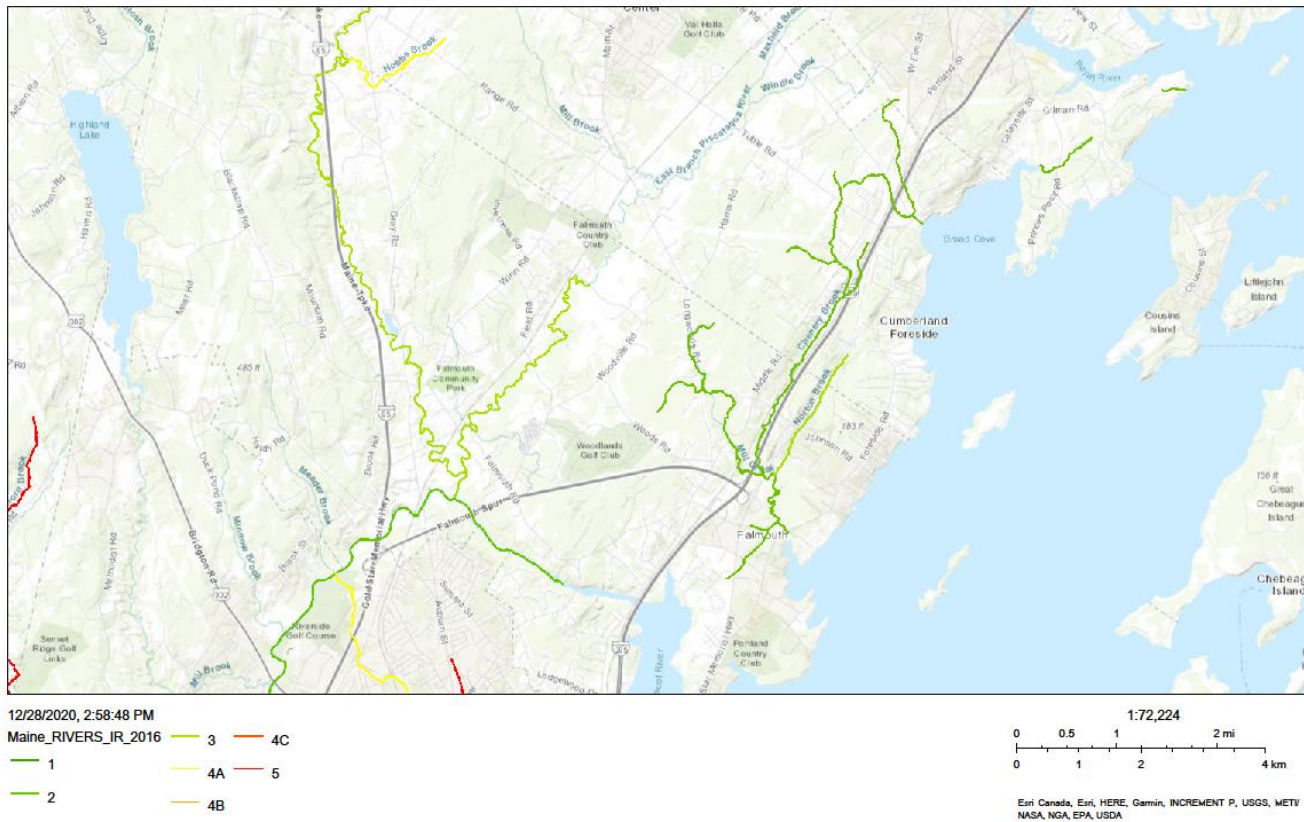


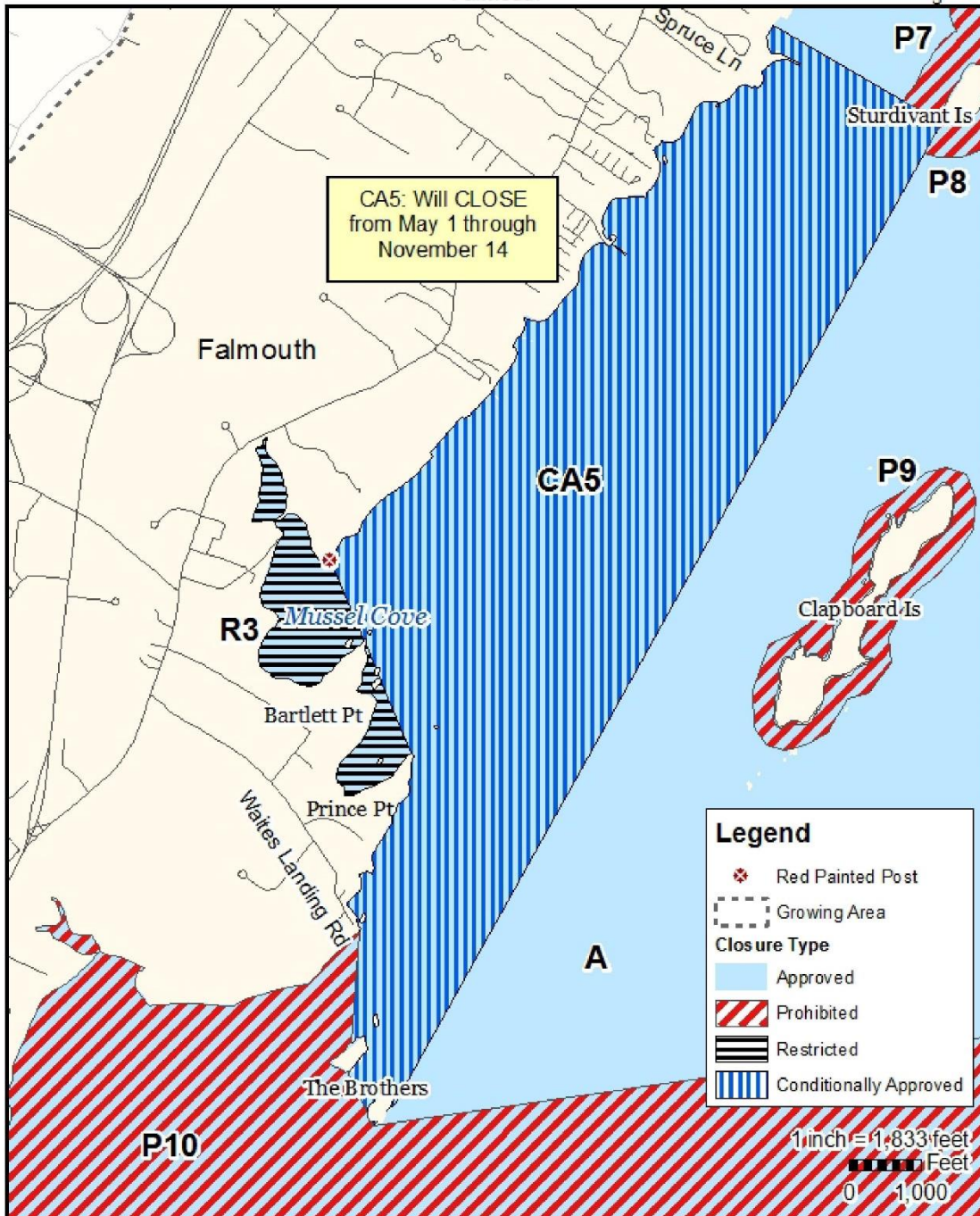


Figure 2 - Falmouth Marine/Estuarine Water Status

Maine Department of Marine Resources

Growing Area WI, Inset E

Falmouth



This map is provided as a courtesy. Read the provided legal notice for closure details. Closures are not shown outside of the designated growing area. Maritime navigational aids are for reference only and are not suitable for maritime navigation.

1.4.3 Progress on Addressing Impairments and Approach to BMP Development

The Town of Falmouth does not currently have any TMDL waters or Urban Impaired Streams that are subject to the impaired waters requirements of the 2022 MS4 General Permit.

The Fact Sheet to the 2022 MS4 General Permit recommends the Town consult with Maine DEP to assess actions to be taken to address discharges to impaired waters that do not have an EPA-approved TMDL. In Falmouth's case, these waters include the estuarine/marine waters located in the DMR-13 pollutant area. DMR-13, which includes Casco Bay, was originally listed in the 2009 Statewide Bacteria TMDL; however, in 2016, the Maine DEP moved the estuarine/marine waters to the 303(d) Category 5-B-1(a) (TMDL required) until such time as they can update the Statewide Bacterial TMDL to provide more specific spatial data on which areas are included. Although, the 2022 MS4 General Permit requirements do not apply to 303(d) non-TMDL waters, through regional consultation, the Maine DEP concurs that for bacteria impaired waters that were vacated from the 2009 Statewide Bacteria TMDL (marine/estuarine), implementation of the MS4 IDDE elements of the 2022 MS4 General Permit (i.e. outfall inspections, sampling outfalls during dry weather flow, and completing IDDE investigations to eliminate bacterial sources) is sufficient to address the impairment until such time as the Statewide Bacteria TMDL can be updated.

1.5 Priority Watersheds

The 2022 MS4 General Permit does not contain any specific requirements related to priority watersheds; however, it does require that an MS4 have a procedure in place to prioritize watersheds when addressing illicit discharges. The Town of Falmouth uses this prioritization to identify where illicit discharge inspections are conducted first. The Town's Illicit Discharge Detection and Elimination (IDDE) Standard Operating Procedure (SOP), provided in Appendix E, describes in more detail how the prioritization is applied.

The Maine DEP maintains a list of waters vulnerable to non-point source pollution, which is then available to receive grant funding under Sections 308(b) and 319 of the Clean Water Act, as long as the funding is not used to satisfy the conditions of a Clean Water Act Permit (such as the 2022 MS4 General Permit). MS4s should keep in mind that they may not use 319 grant funding to implement any BMPs required by the MS4 General Permit.

The Town's two highest priority watersheds are: Mill Creek and Casco Bay.

1.6 Obtaining Coverage to Discharge

A Notice of Intent (NOI) to comply with the 2022 MS4 General Permit is required to be submitted to the Maine DEP with this SWMP. A copy of the Town's NOI is provided in Appendix B. Additionally, a 30-day Public Notice period was provided by both the Maine DEP and the Town to allow the public to comment on the SWMP. A copy of the Public Notice provided by the Town is also included in Appendix B.

Following review of the SWMP and NOI, and receipt of any public comments, the Maine DEP issued a permittee specific DEP Order, establishing terms and conditions that are enforceable in addition to the language in the MS4 Permit, which is also enforceable. The DEP Order is also referred to as a Second Step Permit. The permittee specific DEP Order was also subject to a 30-day public comment period, but only the Maine DEP provided this public notice. The Maine DEP provided any updated information to the Town at the end of the public comment permit. If no comments are received, DEP provides notice to the Town that they are authorized to discharge under the 2022 MS4 General Permit and the permittee specific DEP Order.

Once the Maine DEP issued the final permittee specific DEP Order/authorization to discharge, the municipality had 60 days to update the SWMP to reflect any new or changed requirements and any comments. Maine DEP did request that this SWMP be resubmitted to them.

This SWMP has been updated in accordance with that requirement. The final permittee specific DEP Order is included in Appendix B. Any comments received are attached to the order.

The new permit conditions do not take effect until July 1, 2022.

1.7 SWMP Availability

The SWMP must be made available to the public by posting it on the Town's website as well as making copy available to the public at Public Works Department.

If any of the following entities request a copy, one must be made immediately available to them:

- a) USEPA or Maine DEP,
- b) an interconnected or adjacent MS4,
- c) an owner or operator of a water supply company where the MS4 discharges to a water supply watershed, or
- d) members of the public.

1.8 SWMP Modifications during the Permit Cycle

The SWMP will be amended if the Maine DEP or the regulated MS4s determine:

- a) The actions required by the BMPs fail to control pollutants to meet the terms and conditions of the 2022 MS4 General Permit and the permittee specific DEP Order;
- b) The BMPs do not prevent the potential for a significant contribution of pollutants to waters of the State other than groundwater, or
- c) New information results in a shift in the SWMP's priorities.

If the changes are initiated by the Maine DEP, it will notify the Town, and the Town must

respond in writing within 30 days of the notice explaining how it will modify the SWMP. The Town must then modify the SWMP within 90 calendar days of the Town's written response, or within 120 calendar days of the DEP notice (whichever is less). Any such modification must be submitted to the DEP for final review.

If the changes are initiated by the Town, the following processes apply (depending on the nature of the change as identified below):

- To modify any schedule identified in the permittee specific Department Order, the permittee must file an application on a DEP form with the Department that includes a justification to formally modify the original permittee-specific Department Order.
- The permittee must allow the public the opportunity to comment on changes made to the SWMP a minimum of once per year.
- For BMPs in the SWMP that are not required to comply with the General Permit or the permittee specific Department Order, the BMPs and/or implementation schedule may be amended as appropriate without the need for public comment. Changes must be submitted to the Department in the Annual Report following the permit year the change(s) were made.

1.9 Annual Compliance Report and Record Keeping

By September 15 of each year, the Town will electronically submit an Annual Compliance Report for the Maine DEP's review using a standardized form provided by the Maine DEP. The Annual Compliance Report must be sent to:

Holliday.Keen@maine.gov (or current contact)
Municipal/Industrial Stormwater Program Manager
Department of Environmental Protection
17 State House Station Augusta,
Maine 04333-0017

The Annual Compliance Report must include the following.

- a) The status of compliance with the terms and conditions of the 2022 MS4 General Permit and permittee specific DEP Order based on the implementation of the Town's SWMP for each permit year, an assessment of the effectiveness of the components of its stormwater management program, an assessment of the appropriateness of identified BMPs, progress towards achieving identified measurable goals for each of the MCMs and progress toward achieving the goal of reducing the discharge of pollutants to the maximum extent practicable.
- b) A summary of information collected and analyzed, including monitoring data, if any,

during the reporting period.

- c) A summary of the stormwater activities the permittee intends to undertake pursuant to its SWMP to comply with the terms and conditions of the 2022 MS4 General Permit and permittee specific DEP Order during the next reporting cycle.
- d) A change in any identified BMPs or measurable goals that apply to the SWMP.
- e) A description of the activities, progress, and accomplishments for each of the MCMs #1 through #6 including such items as the status of education and outreach efforts, public involvement activities, stormwater mapping efforts, the number of visual dry weather inspections performed, the number of inaccessible and new outfalls, dry weather flow sampling events and laboratory results, detected illicit discharges, detected illicit connections, illicit discharges that were eliminated, construction site inspections, number and nature of enforcement actions, post construction BMP status and inspections, the number of functioning post construction BMPs, the number of post construction sites requiring maintenance or remedial action, the status of the permittee's good housekeeping/pollution prevention program including the percentage of catch basins cleaned, those catch basins cleaned multiple times and the number of catch basins that could not be evaluated for structural condition in a safe manner. Where applicable, the MS4 must quantify steps/measures/activities taken to comply with the 2022 MS4 General Permit and its SWMP including reporting on the types of trainings presented, the number of municipal and contract staff that received training, the length of the training and training content delivered as well as any revisions to the SWPPP procedures and/or changes in municipal operations.

The Maine DEP will review the annual reports and provide comments to the MS4s. Changes to the report based on the Maine DEP's review comment(s) must be submitted to the Department within 60 days of the receipt of the comment(s).

The regulated MS4s must keep records required by the 2022 MS4 General Permit and permittee specific DEP Order for at least three (3) years following its expiration or longer if requested by the Maine DEP Commissioner. The regulated MS4s must make records, including this SWMP, available to the public at reasonable times during regular business hours.

2 MINIMUM CONTROL MEASURES

2.1 MCM 1 Education/Outreach Program

The 2022 MS4 General Permit requires municipalities to develop and implement two Education/Outreach Campaigns to address stormwater issues of significance:

1. An Outreach to Raise Awareness Campaign targeted at two audiences applying three (3) tools per audience per year. One target audience must be the public and the second audience may be selected from: municipal, commercial, development/construction, or institutions.
2. An Outreach to Change Behavior Campaign to promote one behavior change directed at two audiences using a minimum of three (3) outreach tools per year. This campaign will promote and reinforce desirable behaviors designed to reduce stormwater pollution.

In 2018, the ISWG executed a statewide survey to assess public awareness of a variety of stormwater issues and related behaviors. The survey results report¹ was included in the ISWG Permit Year 5 (2017-2018) annual reports. In addition, the ISWG communities reviewed regional water quality related to stormwater issues, examined the unique conditions within each of their communities, and evaluated the needs for public education around stormwater at five of their regional meetings (9/13/2018, 3/21/2019, 7/18/2019, 3/26/2020, 5/21/2020). Based on the survey results and the discussions at their regional meetings, the ISWG communities agreed on which issues of significance to address and what tools and messages might be effective. Each of the BMPs provides a brief introductory section describing the rationale for the selection of the BMP based on the regional and local issues within the ISWG region. The BMPs are further structured to allow for adaptive education and outreach approaches to create a strong, diverse, and effective campaign over the duration of this permit.

The Town will fulfill the requirements for Public Education/Outreach through participation in the ISWG and the Town's provision of funding to the Cumberland County Soil & Water Conservation District (CCSWCD) for Public Education/Outreach services, as described in the following BMPs. The BMPs will be implemented according to their individual timelines over the term of the permit.

2.1.1 BMP 1.1 – Outreach to Raise Awareness Campaign

Responsible Party - Assistant Public Works Director (with implementation assistance from Cumberland County Soil & Water Conservation District)

The 2022 MS4 General Permit requires the permittee to raise awareness of the public as well as one of the following groups: municipal, commercial, development/construction, or institutions.

¹ http://thinkblumaine.cumberlandswcd.com/wp-content/uploads/2018/07/Survey_Summary-FINAL.pdf

This BMP describes the reasoning and measurable goals for the public audience and the selected second audience: development/construction.

Background for Measurable Goal 1.1a Public Audience: The Think Blue Maine campaign began in 2003 as a statewide effort to raise awareness of common stormwater pollutants and ways to prevent those pollutants. The Think Blue Maine campaign has been historically successful in increasing awareness of stormwater issues. The ISWG, Androscoggin Valley Stormwater Working Group (AVSWG), and Southern Maine Stormwater Working Group (SMSWG) coordinate their Think Blue Maine messaging and education efforts to provide consistent messaging in Southern Maine. In addition, the Massachusetts and New Hampshire small MS4s are using similar Think Blue campaigns, so there is some regionally consistent messaging in circulation.

In 2018, the ISWG executed a statewide survey around public awareness of stormwater issues and behaviors that impact stormwater. Ninety-four percent of survey respondents in the ISWG region ages 25 to 34 stated it was “very important to have clean water in the lakes and streams in [their] community”, and 86% of ISWG respondents ages 25 to 34 believe that stormwater runoff has a major impact or somewhat impacts water quality, but only 46% of ISWG respondents ages 25 to 34 were able to correctly describe what happens to stormwater at their residence. Because this age group has not been targeted before for education and has the potential to impact stormwater for many years into the future, the ISWG, AVSWG, and SMSWG communities will cooperatively use the Think Blue Maine campaign to raise awareness of the target audience to be more aware of stormwater issues and be more willing to change their behavior in the future.

Measurable Goal 1.1a – The Town, through its participation in the ISWG, will implement the following program which is designed to raise 15%² of the target audience’s awareness of what happens to stormwater at their residence or place of work. According to the 2019 US Census Bureau, the ISWG region’s population for ages 25 to 34 is approximately 38,000 people: therefore 15% of the target audience is approximately 6,000 people.

Target Audience: People 25 to 34 in the ISWG region

Overarching Message: “Water that lands on our roads, roofs, and other hard surfaces picks up pollutants and carries them to our local waterbodies without being treated.” This message will be presented with variations based on target audience interests and outreach tools used.

Outreach Tools: A minimum of three outreach tools will be selected from *Appendix D Table 1. Tools for Measurable Goal 1.1a* each year. Each tool will be assessed and customized based on the target audience’s receptiveness to the method. Any tool used in a given year will be tailored to the message for the relevant target audience subset based on common characteristics and/or demographics.

Evaluation: Effectiveness will be evaluated annually by tracking process indicators³ for

² As recommended in the EPA’s “Getting in Step: A guide for conducting watershed outreach campaigns” (2003), when 15 to 20 percent of an audience adopts a new idea or behavior, it will be able to permeate to the rest of the audience.

³ Indicators related to the execution of the outreach program.

each tool implemented that year and by tracking impact indicators⁴ where available (see *Appendix D Table 1. Tools for Measurable Goal 1.1a*).

Implementation schedule: A minimum of three of the tools from *Appendix D Table 1. Tools for Measurable Goal 1.1a* will be implemented each year for the duration of the permit.

Adaptive Management: As part of the ISWG adaptive management education and outreach program, tools and messaging will be reviewed and evaluated on an annual basis at a minimum as part of annual reporting. To address emerging issues, opportunistic tools and outreach may also be implemented. Seasonal messaging and tool adjustments will be used when applicable. Report findings will be incorporated into ISWG meeting discussions as well as annual workplans and budgets.

Background for Measurable Goal 1.1b Development/Construction Audience: Evaluation of municipal stormwater programs, through annual meetings with municipal staff and officials, has revealed a large amount of effort required to comply with MCM 4 tasks. The ISWG communities identified opportunities to address common MCM 4 goals through coordinated regional and statewide stormwater education to contractors to reduce development and construction-related stormwater pollutants that are not already required by MCM 4. Due to the cyclical nature of the development/construction sector, a baseline evaluation will be conducted before or during Permit Year 1 to establish current Maine Department of Environmental Protection (DEP) Erosion and Sediment Control Certified Contractors. If contractors are certified by DEP in erosion and sediment control, their awareness of best practices is established.

Measurable Goal 1.1b – The Town, through its participation in the ISWG, will implement the following program which is designed to raise awareness of construction-related stormwater pollution by increasing the net number of DEP Certified contractors located in the ISWG region by 15% from the Permit Year 1 established baseline audience.

Target Audience: Contractors located within the ISWG region.

Overarching Message: “Through erosion and sediment control best management practices training and certification, contractors can reduce the potential to negatively impact local water bodies.”

This message will be presented with variations based on target audience interests and outreach tools used.

Outreach Tools: A minimum of three outreach tools will be selected from *Appendix D Table 2. Tools for Measurable Goal 1.1b* each year. Each tool will be assessed and customized based on the target audience’s receptiveness to the method. Any tool used in a given year will be tailored to the message for the relevant target audience subset based on common characteristics and/or demographics.

Evaluation: Effectiveness will be evaluated annually by tracking process indicators for each tool implemented that year and by tracking impact indicators where available (see *Appendix D Table 2. Tools for Measurable Goal 1.1b*). Effectiveness will also be measured by the number of DEP certified contractors located in the ISWG region over the course of

⁴ Indicators related to the achievement of the goals or objectives of the program.

the permit term.

Implementation schedule: A minimum of three of the tools from *Appendix D Table 2. Tools for Measurable Goal 1.1b* will be implemented each year for the duration of the permit.

Adaptive Management: As part of the ISWG adaptive management education and outreach program, tools and messaging will be reviewed and evaluated on an annual basis at a minimum as part of annual reporting. To address emerging issues, opportunistic tools and outreach may also be implemented. Seasonal messaging and tool adjustments will be used when applicable. Report findings will be incorporated into ISWG meeting discussions as well as annual workplans and budgets.

2.1.2 BMP 1.2 –Outreach to Change Behavior Campaign

Responsible Party - Assistant Public Works Director (with implementation assistance from Cumberland County Soil & Water Conservation District)

Background for BMP 1.2: The ISWG communities have focused on changing behavior to reduce nutrients into regional waterbodies in their MS4 permit for the past three permit cycles. The ISWG communities will continue their efforts to reduce sources of nutrients by promoting proper dog waste disposal to two target audiences this permit term for the following reasons:

1. Generally, excess nutrients in our waters are a nationally recognized water quality issue related to stormwater – there are multiple common sources of nutrients including sediments, pet waste, septic systems, and fertilizers.
2. The Statewide survey conducted in Permit Year 5 of the previous cycle identified that survey respondents are aware that nutrient sources (including dog waste) are a common stormwater pollutant and respondents expressed a willingness to take action to help reduce stormwater pollution. Eighty-four percent of 2018 survey respondents in the ISWG region ages 25 to 34 and 67% of 2018 survey respondents in the ISWG region ages 35 to 55 selected “picking up pet waste and putting it in the trash” as a practice they believed could reduce water pollution.
3. Most ISWG communities are part of the Casco Bay watershed. In the June 2019 Casco Bay Nutrient Council report, nutrients were identified as the main pollutant of concern for the health of Casco Bay. While there is discrepancy between nutrient models as to the contribution percentages of the three main sources of nutrients (stormwater, wastewater, and atmospheric deposition), stormwater runoff is believed to contribute between 24% and 64% of the nitrogen entering Casco Bay.
4. Several ISWG communities have encountered problems with dog waste not being picked up⁵ or not being properly disposed of in the trash, causing local water quality concerns⁶ and unsanitary conditions for the public and municipal staff.
5. Most ISWG communities have taken steps to discourage improper dog waste disposal through ordinances. However, there are currently still barriers to effectively educating and

⁵<https://www.pressherald.com/2019/03/21/south-portland-raises-a-red-flag-over-dog-waste-problem-at-hinckley-park/>

⁶<https://www.pressherald.com/2019/08/30/south-portland-park-tests-positive-for-algae-that-can-harm-dogs/>

enforcing these types of ordinances.

6. Dog owners ages 25 to 64 are the least likely age group to pick up after their dog⁷. However, dog owners ages 25 to 64 receive their information through different outreach methods⁸. In order to provide effective messaging on proper dog waste management, two audiences will be created to allow appropriate outreach tools to be used per age group.

A baseline evaluation will be conducted in Permit Year 1 to establish dog owner behavior of dog waste disposal and the baseline target audience within the ISWG region.

Measurable Goal 1.2a – The Town, through its participation in the ISWG, will work towards changing the behavior of 15% of pet owners from the Permit Year 1 established baseline field survey findings.

Target audience: Dog owners ages 25 to 34 within the ISWG region

Overarching Message: “Dispose of dog waste as a solid waste, so it does not end up in our stormwater. Once in the stormwater, dog waste contributes nutrients, bacteria, and pathogens to our ponds, lakes, streams, rivers, and bays, which can lower property values, harm our drinking water, and hinder recreational and economic opportunities.”

This message will be presented with variations based on target audience interests and outreach tools used.

Outreach Tools: A minimum of three outreach tools will be selected from *Appendix D Table 3. Tools for Measurable Goal 1.2a* each year. Each tool will be assessed and customized based on the target audience’s receptiveness to the method. Any tool used in a given year will be tailored to the message of the relevant target audience subset based on common characteristics and/or demographics.

Evaluation: Effectiveness will be evaluated annually by tracking process indicators for each tool implemented that year and by tracking impact indicators where available (see *Appendix D Table 3. Tools for Measurable Goal 1.2a*). Effectiveness will also be evaluated by conducting observational field surveys of improper dog waste disposal at public areas. These annual field surveys will be on established routes and will include geotagging of observed dog waste. Site factors such as signage, community litter cleanups, and other variables will also be documented. In addition, the presence of dog waste bags in catch basins will be recorded during annual inspections. In Permit Year 1 the field survey work will be supplemented by also observing the age groups utilizing the spaces and their pet waste disposal behavior in a subsample of the sites. This supplemental observation will be repeated in Permit Year 5.

Implementation schedule: A minimum of three of the tools from *Appendix D Table 3. Tools for Measurable Goal 1.2a* will be implemented each year for the duration of the permit.

Adaptive Management: As part of the ISWG adaptive management education and outreach program, tools and messaging will be reviewed and evaluated on an annual basis

⁷ Hall, S.L. (2006 June) Survey on Poop: Half don’t scoop; neighborhoods seeking solutions. *The News & Observer*, pp. B1.

⁸ <https://umaine.edu/undiscoveredmaine/small-business/resources/marketing-for-small-business/social-media-tools/social-media-statistics-details/>

at a minimum as part of annual reporting. To address emerging issues, opportunistic tools and outreach may also be implemented. Seasonal messaging and tool adjustments will be used when applicable. Report findings will be incorporated into ISWG meeting discussions as well as annual workplans and budgets.

Measurable Goal 1.2b – The Municipality, through its participation in the ISWG, will work towards changing the behavior of 15% of pet owners from the Permit Year 1 established baseline field survey results.

Target audience: Dog owners ages 35 to 55 within the ISWG region

Overarching Message: “Dispose of dog waste as a solid waste, so it does not end up in our stormwater. Once in the stormwater, dog waste contributes nutrients, bacteria, and pathogens to our ponds, lakes, streams, rivers, and bays, which can lower property values, harm our drinking water, and hinder recreational and economic opportunities.”

This message will be presented with variations based on target audience interests and outreach tools used.

Outreach Tools: A minimum of three outreach tools will be selected from *Appendix D Table 4. Tools for Measurable Goal 1.2b* each year. Each tool will be assessed and customized based on the target audience’s receptiveness to the method. Any tool used in a given year will be tailored to the message for the relevant target audience subset based on common characteristics and/or demographics.

Evaluation: Effectiveness will be evaluated annually by tracking process indicators for each tool implemented that year and by tracking impact indicators where available (see *Appendix D Table 4. Tools for Measurable Goal 1.2b*). Effectiveness will also be evaluated by conducting observational field surveys of improper dog waste disposal at public areas. These annual field surveys will be on established routes and will include geotagging of observed dog waste. Site factors such as signage, community litter cleanups, and other variables will also be documented. In addition, the presence of dog waste bags in catch basins will be recorded during annual inspections. In Permit Year 1 the field survey work will be supplemented by also observing the age groups utilizing the spaces and their pet waste disposal behavior in a subsample of the sites. This supplemental observation will be repeated in Permit Year 5.

Implementation schedule: A minimum of three of the tools from *Appendix D Table 4. Tools for Measurable Goal 1.2b* will be implemented each year for the duration of the permit.

Adaptive Management: As part of the ISWG adaptive management education and outreach program, tools and messaging will be reviewed and evaluated on an annual basis at a minimum as part of annual reporting. To address emerging issues, opportunistic tools and outreach may also be implemented. Seasonal messaging and tool adjustments will be used when applicable. Report findings will be incorporated into ISWG meeting discussions as well as annual workplans and budgets.

2.1.3 BMP 1.3 – Effectiveness Evaluation

Responsible Party - Assistant Public Works Director (with implementation assistance from Cumberland County Soil & Water Conservation District)

Measurable Goal 1.3a – The Town, through its participation in ISWG, will submit an annual report each year of the 2022 MS4 General Permit term documenting the implementation of each BMP. The annual report will include the message for each audience, the methods of distribution, the outreach tools used, the measures/methods used to determine on-going effectiveness of the campaigns, and any changes planned based on the measures of effectiveness.

Measurable Goal 1.3b – In Permit Year 5 of the 2022 MS4 General Permit the Town, through its participation in ISWG, will conduct an evaluation of the overall effectiveness of the Awareness and Behavior Change BMPs (BMPs 1.1 and 1.2). The evaluation will be a review of the annually reported benchmark values for the Awareness and Behavior Change BMPs as well as documentation of overall changes during the permit term by comparing back to the established baselines.

- For Measurable Goal 1.1a, a survey will be conducted in Permit Year 5 to assess the target audience's awareness of stormwater issues and what happens to stormwater at their residence or place of work and will be compared to the survey issued in 2018.
- For Measurable Goal 1.1b, the number of DEP Certified contractors located in the ISWG region in Permit Year 5 will be compared to the Permit Year 1 established baseline audience to determine the net number of new certified contractors aware of erosion and sediment control practices.
- For Measurable Goals 1.2a and 1.2b, the amount and presence of pet waste found in the ISWG region in Permit Year 5 field surveys will be compared to the established baseline field surveys conducted in Permit Year 1.

The evaluation will identify recommendations for future awareness and behavior change target audiences, messages, tools, and benchmarks.

2.1.4 BMP 1.4 – Optional Activities

Responsible Party - Assistant Public Works Director (with implementation assistance from Cumberland County Soil & Water Conservation District)

This BMP describes activities that are not required by the 2022 MS4 General Permit but may be conducted by the Town to supplement the Education/Outreach program.

Measurable Goal 1.4a – The Town will continue to support the Cumberland County Soil & Water Conservation District's youth education curriculum to community schools as funding allows. Annual reports will include the total number of students reached, which schools were involved, and the lesson topics covered.

Measurable Goal 1.4b – The Town will support the regional YardScaping effort to reduce nutrients from entering regional waterways and increase buffers. Annual reports will include the total number of people reached with workshops, partner point of sale locations, and workshop survey data.

2.2 MCM 2 Public Involvement and Participation

The Town will fulfill the requirements for Public Involvement and Participation through participation in the ISWG and the Town's provisions of funding to Cumberland County Soil & Water Conservation District for Public Involvement and Participation services, or through directly fulfilling the requirements, as described in this section of the plan.

2.2.1 BMP 2.1 - Public Notice Requirement

Responsible Party - Assistant Public Works Director (with implementation assistance from Cumberland County Soil & Water Conservation District)

Measurable Goal 2.1a – The Town will follow applicable state and local public notice requirements for their Stormwater Management Plans and Notices of Intent (NOIs) to comply with the MS4 General Permit. Copies of the NOIs and plans will be made available on the Town's website. The Town will document public meetings related to their stormwater program and attendance of those meetings in their annual report.

Measurable Goal 2.1b – The ISWG members meet as a group 6 times per year to review issues associated with implementation of the Stormwater Management Plan and MS4 General Permit. These meetings will be publicized through the CCSWCD website, on ISWG member websites, and open to the public.

2.2.2 BMP 2.2 - Public Event

Responsible Party - Assistant Public Works Director (with implementation assistance from Cumberland County Soil & Water Conservation District)

Measurable Goal 2.2a – The Town will annually host, conduct, and/or participate in a public community event with a pollution prevention and/or water quality theme from the list included in the 2022 MS4 General Permit or another activity approved by the DEP. Stormwater stewardship and educational messages and activities will be incorporated into the event. The event will be advertised on the Town's website, through the Town's and CCSWCD's social media accounts, and other Municipal and CCSWCD communication methods. The annual report will include a description of the event and the estimated attendance/participation.

2.3 MCM 3 Illicit Discharge Detection and Elimination

The Town will continue to implement its Illicit Discharge Detection and Elimination (IDDE) program, which includes:

- A Watershed-based map of the stormwater infrastructure,
- A written IDDE SOP which describes:
 - Inspections of the infrastructure during dry weather (and monitoring of outfalls that flow during dry weather)
 - Investigations of potential illicit discharges,
 - Enforcement of the Non-Stormwater Discharge Ordinance
 - A Quality Assurance Project Plan (QAPP) that describes the procedures used for investigating outfalls that flow during dry weather.
- Development of a list of outfalls that have the potential to cause illicit discharges during wet weather.

The following BMPs will be implemented to meet this Minimum Control Measure.

2.3.1 BMP 3.1 – Continue to Implement the Non-Stormwater Discharge Ordinance

Responsible Party – Assistant Public Works Director and Code Enforcement Officer

Measurable Goal 3.1a – The Town adopted a Non-Stormwater Discharge Ordinance on April 25, 2005. The Ordinance is embedded in Part II, Chapter 20 Stormwater and Non-Stormwater Discharge Ordinance, of the Town’s Code of Ordinances. The Code Enforcement Officer enforces this ordinance with the assistance of the Assistant Public Works Director, who is responsible for coordinating and overseeing the IDDE program. This ordinance provides the Code Enforcement Officer with the authority to issue letters of warning, notices of violation and/or fines. The Town will continue to enforce this ordinance throughout the permit cycle. The Ordinance can be viewed online at: <http://online.encodeplus.com/regs/falmouth/doc-viewer.aspx#secid-1877>

Measurable Goal 3.1b – The Town will document the results of enforcement actions taken for illicit discharges in its Computerized Maintenance Management System (CMMS) Software.

2.3.2 BMP 3.2 – Maintain a Written IDDE SOP

Responsible Party – Assistant Public Works Director

Measurable Goal 3.2a - The Town prepared a written IDDE Standard Operating Procedure (SOP) in 2017 which has been updated to contain the elements required in the 2022 MS4 General Permit (Part IV.C.3.b.i through vi). The updated IDDE SOP is contained in Appendix E of this SWMP. The IDDE SOP will be reviewed annually and updated as needed to reflect any changes to the program.

Measurable Goal 3.2b - The Town will conduct a wet weather assessment in accordance with the 2022 MS4 General Permit Part IV.C.3.f and will incorporate the wet weather assessment into their IDDE SOP by the end of Permit Year 5 (June 30, 2027).

2.3.3 BMP 3.3 - Maintain Storm Sewer System Infrastructure Map

Responsible Party – Assistant Public Works Director

Measurable Goal 3.3a – The Town has created and continually updates a watershed-based map of the MS4 infrastructure. The map shows the locations of stormwater catch basins, drain manholes, connecting surface and subsurface infrastructure showing the direction of pipe flow and the locations of stormwater outfalls. The infrastructure is documented in a Geographic Information System (GIS), which contains unique identifiers for outfalls and catch basins, as well as outfall material, size and receiving water. The Town maintains the storm sewer system map by updating the data when additional information is identified or becomes available. In addition, the Town annually reviews the existing storm sewer system map to determine whether updates are necessary.

2.3.4 BMP 3.4 – Conduct Infrastructure Inspections and Monitor Flowing Outfalls

Responsible Party – Assistant Public Works Director

Measurable Goal 3.4a – The Town will conduct infrastructure inspections for pollutants using the following frequency:

- One dry weather inspection will be conducted on each outfall at least once per permit cycle as required by the 2022 MS4 General Permit.
- Catch basins will be inspected for evidence of pollutants during their required sediment inspections (see BMP 6.4 for details).

The Town's IDDE SOP (contained in Appendix E) describes the information collected electronically during infrastructure inspections. Inspections are documented using GIS.

Measurable Goal 3.4b – If an outfall is observed to be flowing during a dry weather inspection, the flow will be sampled and analyzed once per permit term using the methods described in the IDDE SOP, unless it is exempt from dry weather investigations (as described in Part IV.C.3.e.vi of the 2022 MS4 General Permit). Outfalls sampled during dry weather will be handled as follows:

1. Outfalls where sampling and analysis reveal the potential for an illicit discharge: The Town will investigate the catchment area associated with the outfall for potential illicit discharges as described under Measurable Goal 3.5a.
2. Outfalls where sampling and analysis does not reveal the potential for an illicit discharge: The Town will document the dry weather flow as either uncontaminated groundwater, water from a natural resource, or an allowable non-stormwater discharge.

The Assistant Public Works Director will summarize the monitoring results, any investigation completed, or the exempt status, as applicable, in the Town's Computerized Maintenance Management System (CMMS) Software.

2.3.5 BMP 3.5 – Conduct Investigations on Suspect Illicit Discharges

Responsible Party – Assistant Public Works Director

Measurable Goal 3.5a – Whenever the Public Works Department becomes aware of a potential illicit discharge, during dry weather inspections or otherwise, it will investigate to identify the source using methods described in the written IDDE SOP (Appendix E). The Public Works Department will track the status and outcome of the investigations using its Computerized Maintenance Management System (CMMS) Software.

2.3.6 BMP 3.6 – Allowable Non-Stormwater Discharges Identified as Significant Contributors of Pollutants

Responsible Party – Assistant Public Works Director

Measurable Goal 3.6a – In the previous permit cycle, the Maine DEP identified hydrant flushing as a potential contributor of pollutants to MS4s. The DEP published an issue profile providing water districts and departments guidance on how to meet ambient water quality standards for chlorine during hydrant flushing. The document was specifically designed for discharges to MS4s. In addition, the Maine Rural Water Association and Maine Water Utilities Association prepared a guidance document and training to show water districts and departments how to meet the requirements of the issue profile.

The Town previously made annual requests to the Portland Water District to provide an annual report describing their hydrant flushing dechlorination processes, and the Town will continue to request they provide a report each permit year.

Measurable Goal 3.6b – If any of the allowable non-stormwater discharges listed in the 2022 MS4 General Permit (Part IV.C.3.h) are identified as significant contributors of pollutants to the MS4, the Town will work with the responsible dischargers to control these sources so they are no longer significant contributors of pollutants.

2.4 MCM 4 Construction Site Stormwater Runoff Control

The Town will review, update as necessary, implement, and enforce its Construction Runoff Control Program for construction activities that result in land disturbance greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale that would disturb one acre or more. This program will be implemented through BMPs as described in this section.

The Town's Erosion and Sediment Control Ordinance is specified in Chapter II-19 Zoning and Floodplain Management under Section 19-72. Additional erosion and sediment control requirements are specified in Appendix 7-7 Stormwater Management of Chapter II-7 Land Subdivision.

The Town of Falmouth's Planning Board Site Plan Review is addressed in Div. II-19-1-9 of Chapter II-19 Zoning and Floodplain Management. Site Plan Review procedures are outlined in Section 19-128, General Site Plan Review Standards are outline in Section 19-133, and Performance Standards are outlined in Sections 19-136 through Section 19-156. Site plans covered by this section are also required to meet the design standards and administrative provisions of Chapter II-7 Land Subdivision.

The Town's existing Zoning and Floodplain Management and Land Subdivision Ordinances can be viewed online at:

Ch. II-19 Zoning and Floodplain Management:

<http://online.encodeplus.com/regs/falmouth/doc-viewer.aspx#secid-1814>

Ch. II-7 Land Subdivision:

<http://online.encodeplus.com/regs/falmouth/doc-viewer.aspx#secid-1187>

The following sites are required to submit a sediment and erosion control plan to the Town for review and approval:

- Subdivisions (Appendix 7-7)
- Site Plans (Section 19-157)
- Private Ways (Section 16-60)
- Construction within the Highland Lake Overlay District (Section 19-22)
- Placement and Removal of Fill Material/Building Permits (Section 19-67)
- Work in the Shoreland Zone (Section 19-105)

Overall, the Town's existing ordinances meet most elements of the 2022 MS4 Permit requirements for Construction Site Stormwater Runoff Control; however, some modifications are required to meet the 2022 MS4 General Permit requirements. The following BMPs will be implemented to meet this Minimum Control Measure.

2.4.1 BMP 4.1 – Erosion Sediment Control Ordinance

Responsible Party - Planner and Assistant Public Works Director

Measurable Goal 4.1a – The Town will review and update as necessary Section 19-72.5 Erosion and Sediment Control Requirements by July 1, 2023 to reference that the Erosion Control Plan meet a set of standards consistent with the applicable sections of Attachment C to the 2022 MS4 General Permit, (which are the same as the Maine DEP Stormwater Rule Chapter 500 Appendices A Erosion and Sediment Control, B Inspections and Maintenance, and C Housekeeping).

2.4.2 BMP 4.2 – Site Plan Review Procedures

Responsible Party – Town Planner and Assistant Public Works Director

Measurable Goal 4.2a – The Town’s Site Plan Review Procedures and Standards will continue to be implemented and will be reviewed and updated as necessary to ensure they contain the required elements listed in the 2022 MS4 General Permit (consideration of potential water quality impacts, erosion control, waste storage, the ability for the public to comment at publicly noticed meetings and procedures to consider information submitted by the public).

2.4.3 BMP 4.3 – Procedures for Notifying Construction Site Developers and Operators

Responsible Party - Planner and Code Enforcement Officer

Measurable Goal 4.3a – The Town will continue notifying developers and contractors of requirements to obtain coverage under the MCGP and Chapter 500 for sites that disturb one or more acres of land using the following methods:

- Using check boxes on Community Development forms and applications checklists for Site Plan Review, Private Way, Minor Subdivision, Major Subdivision, Fill Permit and Building Permits. The forms and applications will be updated as necessary to reference Chapter 500.
- In discussions with applicants during the development review process.

2.4.4 BMP 4.4 – Procedures to Control Waste from Construction Sites

Measurable Goal 4.4a – The Town will develop procedures for construction site operations to control waste such as discarded building materials, concrete truck wash-outs, chemicals, litter and sanitary waste at the construction site that may cause adverse impacts to water quality if passed through the storm drain system.

2.4.5 BMP 4.5 –Conduct and Document Construction Site Inspections

Responsible Party – Assistant Public Works Director

Measurable Goal 4.5a – The Town will continue implementing its procedure for construction site inspections which will be formalized in a written document by July 1, 2022. The written procedure will:

- Identify who is responsible for site inspections.
- Identify who has authority to implement enforcement procedures.
- Require three inspections during active earth-moving phase of construction.
- Require a minimum of one inspection annually until the project reaches substantial completion.
- Require a final inspection at project completion to ensure that permanent stabilization has been achieved and all temporary erosion and sediment controls have been removed.
- Include use of the construction inspection form provided in Appendix F or a form submitted by the applicant and approved by the Assistant Public Works Director.

Measurable Goal 4.5b. The Town will document construction sites using an Excel spreadsheet. The spreadsheet will contain the site's name, location, number of inspections, date of inspections, and any enforcement actions and corrective actions taken.

2.5 MCM 5 Post-Construction Stormwater Management in New Development / Redevelopment

The Town will implement a set of Low Impact Development strategies to prevent or minimize water quality impacts as described in BMP 5.1.

As described in BMP 5.2, the Town will continue to implement its Post Construction Stormwater Management Ordinance to address stormwater runoff from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, that discharge into the Town's MS4 through implementation of the following BMPs.

The Town's current Ordinance contain provisions to prevent or minimize water quality impacts from development in accordance with the requirements of the MS4 General Permit. The Post-Construction Stormwater Management Ordinance is specified in Chapter II-19 Zoning and Floodplain Management under Section 19-72A, and can be viewed online at:

<http://online.encodeplus.com/regs/falmouth/doc-viewer.aspx#secid-529>

Section 19-72A requires:

- Preparation and implementation of a Post Construction Stormwater Management Plan (PCSWMP) for any site development or redevelopment activity involving once acre or more of disturbed land area that discharges to the Town's MS4 or any project that includes stormwater management facilities requiring private ways, site plan, or subdivision approval within the Highland Lake Conservations Overlay District.
- Conformance of the PCSWMP to applicable requirements of Section 8 of DEP Chapter 500 Rules.
- Approval of the PCSWMP by the Public Works Department.
- Execution and filing of a Maintenance Agreement at the Registry of Deeds for any infrastructure that will remain under private control, and provision of perpetual easements to the Town allowing access for secondary maintenance, repair, replacement and improvement of the Stormwater Management Facilities.
- Submittal of an annual report documenting that all on-site BMPs have been inspected by a qualified third-party inspector and are either adequately maintained and functioning as intended or if they require maintenance and repair, a list of deficiencies, and documentation once they are corrected.

The following BMPs will be implemented to meet this Minimum Control Measure.

2.5.1 BMP 5.1 – Implement Strategies to Prevent or Minimize Water Quality Impacts

Responsible Party - Assistant Public Works Director and Community Development Director

Measurable Goal 5.1a – The Town, either on its own or through its partnership with the ISWG will develop a Model LID Ordinance for stormwater management on new and redevelopment sites which establishes performance standards for each of the LID Measures listed in Table 1 of Appendix F of the 2022 MS4 General Permit.

The Model LID Ordinance will be submitted to the Maine DEP for review by September 1, 2022. The 2022 MS4 General Permit identified that the Maine DEP will post the Model LID Ordinance for public comment and will approve it, with or without modifications by November 1, 2022.

Measurable Goal 5.1b – Assuming the Model LID Ordinance and its required elements are approved by November 1, 2022, the Town will either adopt the Model LID Ordinance, or incorporate its required elements into the Town Ordinances on or before July 1, 2024.

2.5.2 BMP 5.2 – Maintain Post Construction Ordinance or Similar Measure

Responsible Party - Assistant Public Works Director and Code Enforcement Officer

Measurable Goal 5.2a – The Town's Post Construction Stormwater Management Ordinance requires certification, from applicable sites, to the town annually by July 1 that the owner has inspected and maintained their stormwater BMPs.

Measurable Goal 5.2b – The Town will rely on existing regulatory mechanisms requiring the following, for sites reporting that maintenance is required:

- Deficiencies will be corrected within 60 days of identification and a record of the corrective action taken will be provided to the Town's Enforcement Authority within the same 60-day period.
- If it is not possible to correct the deficiency within 60 days, the property owner will coordinate with the Public Works Director to establish an expeditious schedule to correct the deficiency and will provide a record of the corrective actions taken.

2.6 MCM 6 Pollution Prevention/Good Housekeeping for Municipal Operations

The objective of this MCM is to mitigate or eliminate pollutant runoff from municipal operations on property that is owned or managed by the permittee and located within the 2000-2010 Urbanized Area through implementation of the following BMPs.

2.6.1 BMP 6.1 – Operations at Municipally Owned Grounds and Facilities

Responsible Party – Public Works Director

Measurable Goal 6.1a – During previous permit cycles, the Town developed an inventory of municipal operations conducted in, on, or associated with facilities, buildings, golf courses, cemeteries, parks, and open space owned or operated by the Town that have the potential to cause or contribute to stormwater pollution. The Town will review and update its inventory annually.

Measurable Goal 6.1b – During previous permit cycles, the Town developed and implemented Operation and Maintenance (O&M) Procedures for the municipal operations listed in their inventory that had the potential to cause or contribute to stormwater pollution. The Town will continue to implement these O&M Procedures and will review and update the O&M Procedures annually to iteratively improve strategies and practices to eliminate or better control pollutant discharges.

2.6.2 BMP 6.2 – Training

Responsible Party – Public Works Director

Measurable Goal 6.2a – The Town will receive annual employee training to prevent and reduce stormwater pollution from municipal operations and facilities subject to the 2022 MS4 General Permit, and will provide the following information in the annual report:

- The types of trainings presented.
- The percentage of staff (including occupation) that received the training.
- The length of the training.
- The training content delivered.

2.6.3 BMP 6.3 – Continue Street Sweeping Program

Responsible Party – Public Works Director

Measurable Goal 6.3a - Each permit year the town will continue to sweep all publicly accepted paved streets and publicly owned paved parking lots at least once a year as soon as possible after snowmelt.

2.6.4 BMP 6.4 – Cleaning of Catch Basins

Responsible Party – Public Works Director

Measurable Goal 6.4a – The Town will inspect all catch basins within the Urbanized Area for sediment content at least once every other year and, if necessary, clean catch basins and other stormwater structures that accumulate sediment. Removed sediment will be stored and disposed of according to state law. Catch basins will be cleaned more frequently if inspections indicate excessive accumulation of sediment. Excessive accumulation is considered greater than or equal to 50 percent of the sump filled.

Measurable Goal 6.4b – The Town will track catch basins with excess sediment. If two consecutive inspections show excess sediment, the catch basins will be cleaned every year instead of every other year until it has been documented to exhibit less than 25% sediment in its sump for two consecutive years at which point it will be removed from the excess sediment list and will be inspected again every other year.

2.6.5 BMP 6.5 – Maintenance and Upgrading of Stormwater Conveyances and Outfalls

Responsible Party – Public Works Director

Measurable Goal 6.5a – The Town will maintain and upgrade the stormwater conveyance systems based on the results of the catch basin, outfall, and, in accordance with the urgency of any needed repairs or maintenance. The Town continues to perform systematic capital upgrades of the storm drain system in correlation with the road paving program for the Town.

2.6.6 BMP 6.6 – Stormwater Pollution Prevention Plans (SWPPPs)

Responsible Party – Public Works Director

Measurable Goal 6.6a – During the previous permit cycle, the Town prepared a SWPPP for the Public Works Facility. However, the Public Works Facility is located outside of the Urbanized Area and therefore is not subject to the requirements of the 2022 MS4 General Permit. It should also be noted that the Public Works Facility does not have an outfall discharge location. Runoff from the facility sheet flows to grass buffer strips and wooded areas to the east and south. The existing Public Works Facility SWPPP will be converted to O&M procedures following requirements in BMP 6.1.

3 GENERAL REQUIREMENTS

3.1 Certification

The General Permit requires that this Plan be certified by either a principal executive officer or ranking elected official. This section provides the necessary 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 gathered and evaluated 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, 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."

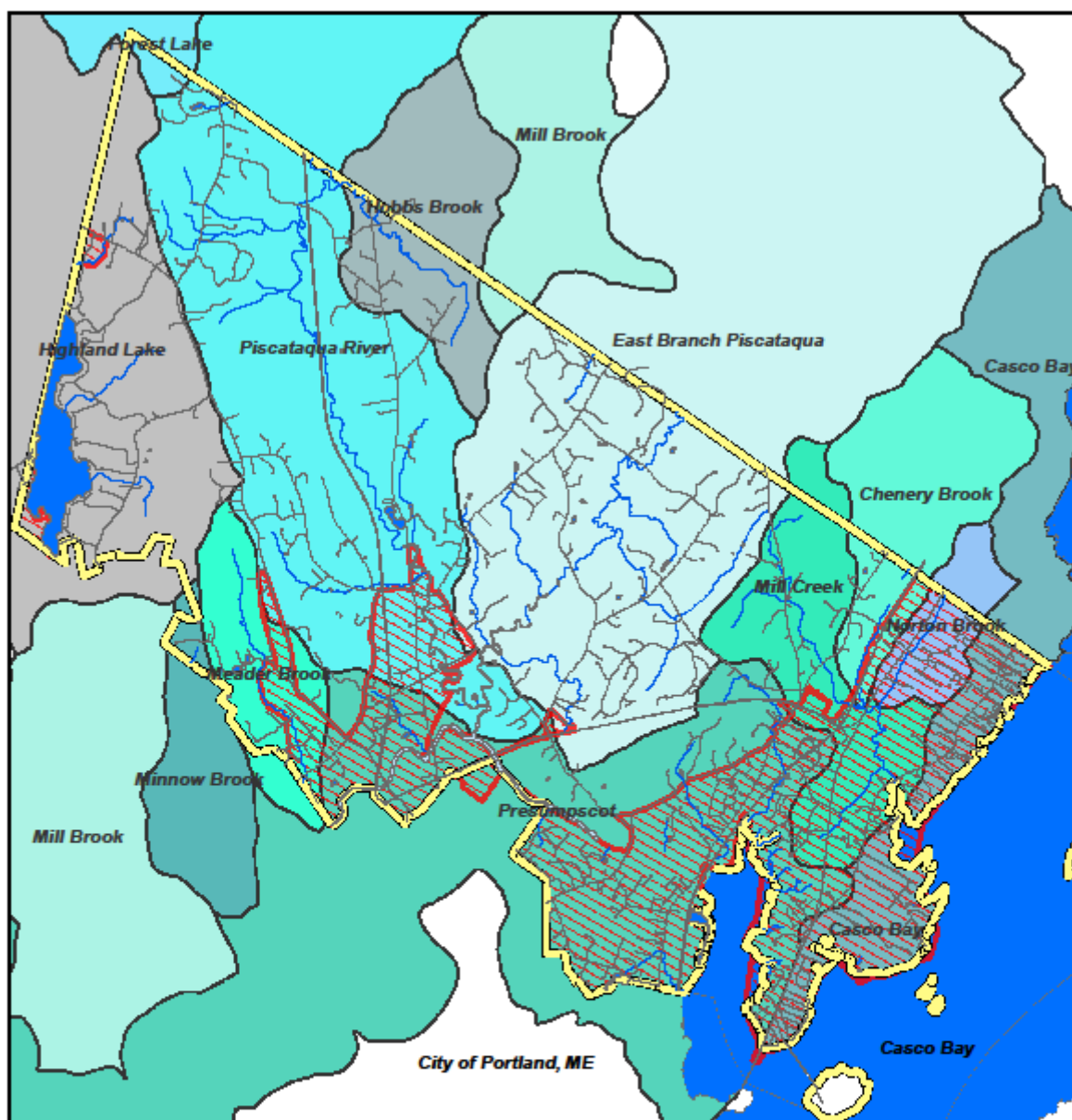
Signature: 
Nathan Poore

Date: July 26, 2023

Title: Town Manager

APPENDIX A

URBANIZED AREA and WATERSHED MAP



Urbanized Area and Watersheds

Town of Falmouth, Maine
2021

Legend

- Town Boundary
- Urbanized Area (UA)

6,400 3,200 0 6,400 Feet

APPENDIX B

**NOTICE OF INTENT, DEP ORDER,
NOTIFICATION LETTERS TO INTERCONNECTED MS4S**



March 15, 2021

Laura Neleski, Stormwater Program Coordinator
Town of Cumberland, ME
290 Tuttle Road
Cumberland, ME 04021

RE: Interconnected MS4 Coordination

Dear Ms. Neleski,

As you know, the Town of Falmouth, ME is regulated under the Maine General Permit for the discharge of stormwater from the municipal separate storm sewer system (MS4). Under this permit, we are required to coordinate with interconnected and nested MS4 permittees on spill response efforts.

The Town of Falmouth interconnects with your stormwater system. Therefore, if there are any spills of hazardous or non-hazardous substances that may make their way from your property into the Town of Falmouth, please notify me. In turn, Falmouth will notify you if there is a spill in Falmouth that could affect your municipality/MS4. In the event of an emergency after hours, please contact Falmouth Public Safety at (207) 781-2300.

Please be certain to forward this request to any first responders or other staff that might be able to coordinate spill response efforts. Please contact me if you have any questions.

Also, the Town intends to apply for coverage under the 2022 MS4 General Permit and as such, is preparing their Stormwater Management Plan and Illicit Discharge Detection and Elimination Plan. This letter constitutes notice that we are applying for continued coverage and we will be providing formal public notice in March 2021.

Sincerely,

Justin Early, P.E.
Assistant Public Works Director/Town Engineer
Town of Falmouth, ME

TOWN OF FALMOUTH PUBLIC WORKS DEPARTMENT
101 Woods Road • Falmouth, ME 04105
www.falmouthme.org



March 15, 2021

Kerem Gungor, Stormwater Engineer
Maine Department of Transportation
16 State House Station
Augusta, ME 04333-0016

RE: Interconnected MS4 Coordination

Dear Mr. Gungor,

As you know, the Town of Falmouth, ME is regulated under the Maine General Permit for the discharge of stormwater from the municipal separate storm sewer system (MS4). Under this permit, we are required to coordinate with interconnected and nested MS4 permittees on spill response efforts.

The Town of Falmouth interconnects with your stormwater system. Therefore, if there are any spills of hazardous or non-hazardous substances that may make their way from your property into the Town of Falmouth, please notify me. In turn, Falmouth will notify you if there is a spill in Falmouth that could affect your municipality/MS4. In the event of an emergency after hours, please contact Falmouth Public Safety at (207) 781-2300.

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Sincerely,

Justin Early, P.E.
Assistant Public Works Director/Town Engineer
Town of Falmouth, ME

TOWN OF FALMOUTH PUBLIC WORKS DEPARTMENT
101 Woods Road • Falmouth, ME 04105
www.falmouthme.org



March 15, 2021

Sean Donohue, Permitting Coordinator
Maine Turnpike Association
2360 Congress Street
Portland, ME 04102

RE: Interconnected MS4 Coordination

Dear Mr. Donohue,

As you know, the Town of Falmouth, ME is regulated under the Maine General Permit for the discharge of stormwater from the municipal separate storm sewer system (MS4). Under this permit, we are required to coordinate with interconnected and nested MS4 permittees on spill response efforts.

The Town of Falmouth interconnects with your stormwater system. Therefore, if there are any spills of hazardous or non-hazardous substances that may make their way from your property into the Town of Falmouth, please notify me. In turn, Falmouth will notify you if there is a spill in Falmouth that could affect your municipality/MS4. In the event of an emergency after hours, please contact Falmouth Public Safety at (207) 781-2300.

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Sincerely,

Justin Early, P.E.
Assistant Public Works Director/Town Engineer
Town of Falmouth, ME

TOWN OF FALMOUTH PUBLIC WORKS DEPARTMENT
101 Woods Road • Falmouth, ME 04105
www.falmouthme.org



March 15, 2021

Doug Roncarati, Stormwater Coordinator
City of Portland, ME
212 Canco Road Suite B
Portland, ME 04103

RE: Interconnected MS4 Coordination

Dear Mr. Roncarati,

As you know, the Town of Falmouth, ME is regulated under the Maine General Permit for the discharge of stormwater from the municipal separate storm sewer system (MS4). Under this permit, we are required to coordinate with interconnected and nested MS4 permittees on spill response efforts.

The Town of Falmouth interconnects with your stormwater system. Therefore, if there are any spills of hazardous or non-hazardous substances that may make their way from your property into the Town of Falmouth, please notify me. In turn, Falmouth will notify you if there is a spill in Falmouth that could affect your municipality/MS4. In the event of an emergency after hours, please contact Falmouth Public Safety at (207) 781-2300.

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Sincerely,

Justin Early, P.E.
Assistant Public Works Director/Town Engineer
Town of Falmouth, ME

TOWN OF FALMOUTH PUBLIC WORKS DEPARTMENT
101 Woods Road • Falmouth, ME 04105
www.falmouthme.org



March 15, 2021

Lynn Leavitt, Sustainability Coordinator
City of Westbrook, ME
371 Saco Street
Westbrook, ME 04092

RE: Interconnected MS4 Coordination

Dear Ms. Leavitt,

As you know, the Town of Falmouth, ME is regulated under the Maine General Permit for the discharge of stormwater from the municipal separate storm sewer system (MS4). Under this permit, we are required to coordinate with interconnected and nested MS4 permittees on spill response efforts.

The Town of Falmouth interconnects with your stormwater system. Therefore, if there are any spills of hazardous or non-hazardous substances that may make their way from your property into the Town of Falmouth, please notify me. In turn, Falmouth will notify you if there is a spill in Falmouth that could affect your municipality/MS4. In the event of an emergency after hours, please contact Falmouth Public Safety at (207) 781-2300.

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Sincerely,

Justin Early, P.E.
Assistant Public Works Director/Town Engineer
Town of Falmouth, ME

TOWN OF FALMOUTH PUBLIC WORKS DEPARTMENT
101 Woods Road • Falmouth, ME 04105
www.falmouthme.org



March 15, 2021

Gretchen Anderson, Environmental & Sustainability Coordinator
City of Windham, ME
8 School Road
Windham, ME 04062

RE: Interconnected MS4 Coordination

Dear Ms. Anderson,

As you know, the Town of Falmouth, ME is regulated under the Maine General Permit for the discharge of stormwater from the municipal separate storm sewer system (MS4). Under this permit, we are required to coordinate with interconnected and nested MS4 permittees on spill response efforts.

The Town of Falmouth interconnects with your stormwater system. Therefore, if there are any spills of hazardous or non-hazardous substances that may make their way from your property into the Town of Falmouth, please notify me. In turn, Falmouth will notify you if there is a spill in Falmouth that could affect your municipality/MS4. In the event of an emergency after hours, please contact Falmouth Public Safety at (207) 781-2300.

Please be certain to forward this request to any first responders or other staff that might be able to coordinate spill response efforts. Please contact me if you have any questions.

Also, the Town intends to apply for coverage under the 2022 MS4 General Permit and as such, is preparing their Stormwater Management Plan and Illicit Discharge Detection and Elimination Plan. This letter constitutes notice that we are applying for continued coverage and we will be providing formal public notice in March 2021.

Sincerely,

A handwritten signature in black ink, appearing to read 'Justin Early', is placed over a light gray rectangular background.

Justin Early, P.E.
Assistant Public Works Director/Town Engineer
Town of Falmouth, ME

TOWN OF FALMOUTH PUBLIC WORKS DEPARTMENT
101 Woods Road • Falmouth, ME 04105
www.falmouthme.org

APPENDIX C

SUMMARY OF PUBLIC COMMENTS RECEIVED

The public comment period for the initial SWMP (offered by Maine DEP) lasted from 4/13/2021 to 5/12/2021. No Public comments were received during this time period.



[Municipal applications for permit coverage under the 2022 General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems \(MS4\).](#)

04/12/2021 12:08 PM EDT

The Department is posting for public comment Municipal applications, including Notice of Intent to Comply (NOI) and Stormwater Management Plans (SWMP), for municipalities seeking coverage under the 2022 General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems (MS4).

Submit written comments to Rhonda Poirier rhonda.poirier@maine.gov by 5:00 p.m. May 12, 2021.

[Municipal NOI and SWMP files for comment.](#)

A request for public hearing must be received by the DEP, in writing, no later than 20 days after the application is found acceptable for processing. Requests must indicate the interest of the person filing the request and specify the reasons why a hearing is warranted. Unless otherwise provided by law, a hearing is discretionary and may be held if the Commissioner or the Board finds significant public interest or there is conflicting technical information.

FOR UIS Communities:

The permittee specific DEP Order was issued for 30-day public comment on **March 17, 2022**. FOCB and the EPA commented and the response to comments is provided with the Final Order in Appendix B.

FOR NON-UIS Communities:

The permittee specific DEP Orders were issued for public comment in November 2021 on the Maine DEP website. Comments received were as follows (attachments not included, but available from DEP):

From: Ivy Frignoca <ifrignoca@cascobay.org>
Sent: Monday, December 20, 2021 10:51 AM
To: Wood, Gregg <Gregg.Wood@maine.gov>
Subject: Friends of Casco Bay Comment on second step orders

EXTERNAL: This email originated from outside of the State of Maine Mail System. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Gregg,

I just reviewed the proposed second step orders for the municipalities that discharge into the Casco Bay watershed, including Yarmouth, Cumberland, Falmouth and Gorham. None of these second step orders contain the necessary additional terms. It appears that all of the clear, specific and measurable terms necessary to carry forth the requirements in the first step general permit remain in the stormwater management plans (SWMPs) or are completely missing. The SWMPs are not enforceable. Without additional terms being incorporated into the second step permits (as is required by the general permit and the Remand Rule which has been codified into the code of federal regulations), these second step permits are wholly illegal.

Friends of Casco Bay respectfully requests that you rewrite the second step permits to incorporate the required terms contemplated by the MS4 permit (scheduled to take effect in July 2022) and the Remand Rule. To reiterate, without this action, the second step permits are inadequate and unlawful.

Ivy

Ivy L. Frignoca, Casco Baykeeper
Friends of Casco Bay
43 Slocum Drive
South Portland, ME 04106
Cell: (207) 831-3067
ifrignoca@cascobay.org

From: Tedder, Newton <Tedder.Newton@epa.gov>
Sent: Wednesday, December 01, 2021 10:52 AM
To: Wood, Gregg <Gregg.Wood@maine.gov>
Subject: RE: Second Step Permit

EXTERNAL: This email originated from outside of the State of Maine Mail System. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Gregg

You need to add a reference to all the other things that were required in the 2step. I provided an example of what needs to be included (on top of the additional things you added for impaired waters)

Sincerely,
Newton W. Tedder

P.S. Have a nice day

Based on comments received from the EPA and Friends of Casco Bay, the DEP issued the permittee specific DEP Orders again on **3/16/2022 to address their comments. The comments received and how they were addressed are attached to the Final Department Order contained in Appendix B of this SWMP.**

APPENDIX D

EDUCATION & OUTREACH TOOLS

Appendix D: Education & Outreach Tools

Audience appropriate social media platforms will be determined by platform use demographics each year.

Table 1. Tools for Measurable Goal 1.1a. (People 25 to 34 in the ISWG region)

Outreach Tool	Minimum Level of Effort	Effectiveness Benchmark
Think Blue Maine Website Content	Semiannual updates to website content	Number of visitors to website
Social Media Post (each platform counts as separate tool)	12 posts	Amount of post engagement (e.g., reactions, comments, shares, etc.)
Social Media Ad (each platform counts as separate tool)	Ad(s) run 90 days (multiple ads may be run for shorter durations to total 90 days)	Amount of ad engagement (e.g., reactions, comments, shares, link clicks, etc.) Number of people reached with ad
Social Media Video (each platform counts as separate tool)	3 videos	Amount of video engagement (e.g., views, reactions, comments, shares, etc.)
Online ad	Ad(s) run 90 days (multiple ads may be run for shorter durations to total 90 days)	Number of people reached with ad Amount of ad engagement (e.g., link clicks)
Outreach Tabling	3 events	Number of interactions
Outreach partnership with local organization	3 content shares by partner organization	Number of people reached
Other DEP-approved tools	Minimum level of effort will be determined based on the tool	Effectiveness benchmark will be determined based on the tool

Table 2. Tools for Measurable Goal 1.1b. (Contractors located within the ISWG region)

Outreach Tool	Minimum Level of Effort	Effectiveness Benchmark
Factsheet	1 factsheet	Total number of factsheets distributed
Email Newsletter	4 email newsletters	Number of people reached with email Number of interactions with email (e.g., link clicks)
Municipal Website Content	Annual updates to website stormwater content	Number of visitors to stormwater webpage(s)
Think Blue Maine Website Content	Semiannual updates to website content	Number of visitors to website
Online ad	Ad(s) run 90 days (multiple ads may be run for shorter durations to total 90 days)	Number of people reached with ad Amount of ad engagement (e.g., link clicks)
Webinar/Workshop	7 hours of training offered (multiple webinars/workshops may be offered to reach 7 hours)	Number of workshop attendees
Outreach partnership with local organization	3 content shares by partner organization	Number of people reached
Other DEP-approved tools	Minimum level of effort will be determined based on the tool	Effectiveness benchmark will be determined based on the tool

Table 3. Tools for Measurable Goal 1.2a. (Dog owners ages 25 to 34 within the ISWG region)

Outreach Tool	Minimum Level of Effort	Effectiveness Benchmark
Targeted Social Media Post (each platform counts as separate tool)	12 posts	Amount of post engagement (e.g., reactions, comments, shares, etc.)
Targeted Social Media Ad (each platform counts as separate tool)	Ad(s) run 90 days (multiple ads may be run for shorter durations to total 90 days)	Amount of ad engagement (e.g., reactions, comments, shares, link clicks, etc.) Number of people reached with ad
Targeted Social Media Video (each platform counts as separate tool)	3 videos	Amount of video engagement (e.g., views, reactions, comments, shares, etc.)
Outreach Tabling	3 events	Number of interactions
Outreach partnership with local organization	3 content shares by partner organization	Number of people reached
Item with branding/messaging	1 item with branding/messaging	Total number of items distributed
Other DEP-approved tools	Minimum level of effort will be determined based on the tool	Effectiveness benchmark will be determined based on the tool

Table 4. Tools for Measurable Goal 1.2b. (Dog owners ages 35 to 55 within the ISWG region)

Outreach Tool	Minimum Level of Effort	Effectiveness Benchmark
Story Walk	1 story walk	Number of QR code (or similar technology) scans from signs
Targeted Social Media Post (each platform counts as separate tool)	12 posts	Amount of post engagement (e.g., reactions, comments, shares, etc.)
Targeted Social Media Ad (each platform counts as separate tool)	Ad(s) run 90 days (multiple ads may be run for shorter durations to total 90 days)	Amount of ad engagement (e.g., reactions, comments, shares, link clicks, etc.) Number of people reached with ad
Online ad	Ad(s) run 90 days (multiple ads may be run for shorter durations to total 90 days)	Number of people reached with ad Amount of ad engagement (e.g., link clicks)
Outreach Tabling	3 events	Number of interactions
Outreach partnership with local retailer	50% of industry retailers in region participating	Number of local retailers participating
Item with branding/messaging	1 item with branding/messaging	Total number of items distributed
Other DEP-approved tools	Minimum level of effort will be determined based on the tool	Effectiveness benchmark will be determined based on the tool

APPENDIX E

IDDE SOP

APPENDIX F

CONSTRUCTION INSPECTION FORM

Town of Falmouth
Department of Public Works
101 Woods Road
Falmouth, ME 04105
Ph. - 207-781-3919



Site Inspection Form

Project: _____ Location: _____

Time: _____ Date: _____ Weather: _____

Type of Inspection: Pre Construction General Site Final Other: _____

Contact: _____ Inspector: _____

Site Conditions:

Temporary BMP's

Construction Entrance: Y N N/A Condition: New Good Poor

Types of BMP's In Place (Circle): ECM Silt Fence ECB Check Dams Mulch Silt Sacks

Other: _____

Material Stockpiles Stable: Y N N/A Comments: _____

Dust Control Adequate: Y N Comments: _____

Additional ESC Needed: Y N Comments: _____

Maint. Req'd: Y N Follow up Req'd: Y N Return Date: _____

Correction Actions Needed: _____

Permanent BMP's

Is Site Permanently Stabilized? Y N N/A

Have Temporary ESC BMP's Been Removed? Y N N/A

Types of BMP's Installed: _____

Shoreland Zone: Y N

Pictures: Y N S:\pubwks\Development\site inspections _____

Comments: _____

Current Activities:

Comments: _____

