STORMWATER PROGRAM MANAGEMENT PLAN

FOR

YORK COUNTY MS4s

BERWICK
ELIOT
SOUTH BERWICK
KITTERY
and
YORK

MAINE

Permit Years 1 through 5 (July 1, 2013 to June 30, 2018)
Submitted to Maine DEP December 2013
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3/30/2016 (to adjust permit dates on this page)

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SECTION 1 INTRODUCTION

Overview of Regulatory Program

The towns of Berwick, South Berwick, Eliot, Kittery and York, Maine are 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) on July 1, 2013. Because the permit is a Clean Water Act-based Maine Pollution Discharge Elimination System (MEPDES) permit, it is limited to a duration of five (5) years, and therefore expires on June 30, 2018.

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 US Census-defined term, requiring a population density of 1,000 people per square mile, within a Central Place. Central Places consist of an accumulation of 50,000 in adjacent census blocks that each have the density of 1,000 people per square mile. The Greater Portsmouth Area is a Central Place, and the towns of Berwick, South Berwick, Eliot and Kittery have had Urbanized Areas within their municipal boundaries since the first General Permit was issued in Maine in 2003. The town of York became regulated July 1, 2013 when the third General Permit was issued because the 2010 Census identified the town as having Urbanized Areas within its municipal boundaries.

Once a community becomes regulated by the General Permit, only the Urbanized Area portions of the town are regulated. As each US Census is published, if the Urbanized Area changes (based on changes to the population), additional areas can be added to the regulated area. Appendix A shows the Urbanized Areas that are regulated by the General Permit for each of the towns, which is based on the 2000 and 2010 US Census data.

Each of the towns was required to file a separate Notice of Intent to comply with the General Permit in July 2013. Copies of the NOIs filed are provided in Appendix B. Several key requirements of the General Permit are described below.

Cooperation Between Regulated Communities

In 2003, when the towns of Berwick, South Berwick, Eliot and Kittery became regulated, they decided to work together in implementing the requirements of the General Permit as a cost saving measure. The General Permit specifies that the towns complete the same activities, so there was good opportunity to save costs by working together. When the town of York became regulated, they joined the other four communities in cooperative efforts. The towns selected the name York County MS4s to describe their cooperative entity.

There are 25 other municipalities in the State of Maine that are subject to the General Permit. The municipalities have a good history of cooperating on a state-wide basis to complete

activities required by the General Permit such as public outreach and training.

The Bangor area regulated municipalities have formed the Bangor Area Stormwater Working Group (BASWG), the Lewiston Auburn area municipalities formed the Androscoggin Valley Stormwater Working Group (AVSWG), and the Portland Area municipalities formed the Casco Bay Interlocal Stormwater Working Group (ISWG).

In implementing the current General Permit, the York County MS4s continue to cooperate both regionally and state-wide to fulfill select requirements. In particular, the York County MS4s will prepare planning documents and annual reports as regional efforts. Some training and public education efforts will be regional, and some public education efforts will be statewide. This plan describes which elements will be completed individually, regionally or as a state-wide effort.

Stormwater Program Management Plan

Each of the three General Permits that have been issued have required that the towns develop, implement, and enforce a 5-year Stormwater Program Management Plan ("Plan") to coincide with the term of the General Permit. This Plan is effectively a revision of the prior Plan, updated to reflect the new General Permit requirements.

The Plan describes how the towns will implement six Minimum Control Measures (MCMs), set forth in Part IV.H of the General Permit. The MCMs are designed to reduce the discharge of pollutants from the towns' separated storm drain systems within their respective Urbanized Areas to the Maximum Extent Practicable, to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act.

The term "Maximum Extent Practicable" is defined in the General Permit. The term means available and feasible considering cost, existing technology, and logistics based on the overall purpose of the project. Effectively, the regulated MS4s are allowed to consider these concepts as they select Best Management Practices (BMPs) to meet permit requirements. In addition, the term Maximum Extent Practical allows the regulated MS4s to adjust BMPs throughout the Permit Cycle if needed based on evaluations of their effectiveness, changing conditions, specific local concerns, or changes in other factors.

This Plan describes how the towns will reduce or eliminate polluted stormwater runoff to the Maximum Extent Practicable within their Urbanized Areas, from their MS4 infrastructure. This Plan must be substantially implemented by June 30, 2018.

Minimum Control Measures (MCMs)

The six MCMs that are required to be addressed in this Plan are:

1 Public education and outreach on stormwater impacts
2 Public involvement and participation
3 Illicit discharge detection and elimination
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 General Permit requires that for each MCM, the towns must: define appropriate BMPs; designate a person(s) responsible for each BMP; define a time line for implementation of each BMP; and define measurable goals for each BMP.

The prior General Permits also required that the Plan address these six MCMs, but the specific requirements related to each MCM have changed with each permit. In many cases, the four towns previously subject to the General Permit are required to continue with a program that they developed under a prior General Permit.

Annual Reporting and Record Keeping

By September 15, 2014, and annually thereafter by September 15, the towns must submit a report for the DEP's review and approval. The annual report must be sent to:

Municipal/Industrial Stormwater Coordinator
Department of Environmental Protection
17 State House Station Augusta,
Maine 04333-0017

The report must include the following:

a. The status of compliance with permit conditions based on the Plan, an assessment of the appropriateness of identified best management practices, 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. Results of information collected and analyzed, including monitoring data, if any, during the reporting period.
c. A summary of the stormwater activities the towns intend to undertake pursuant to the Plan during the next reporting cycle.
d. A change in any identified BMPs or measurable goals that apply to the Plan.
e. A summary describing the activities, progress, and accomplishments for each of the MCMs (including such items as the status of education and outreach efforts, public involvement activities, stormwater mapping efforts, dry weather inspections, 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, and the status of the towns' good housekeeping/pollution prevention programs).

Changes to the report based on the DEP's review comment(s) must be submitted to the Department within 30 days of the receipt of the comment(s). The DEP has suggested the town provide an estimate of annual expenditures for permit compliance for the reporting period and projected budget for the following year.

The towns must keep records required by the General Permit for at least three (3) years following its expiration or longer if requested by the DEP Commissioner. The towns must make records, including this Plan, available to the public at reasonable times during regular business hours.

Impaired Waters and Total Maximum Daily Load (TMDL)

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. 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 a number of sources depending on the type of water being assessed:

- Lake and ponds are assessed primarily through data obtained by the DEP and the Volunteer Lake Assessment Program

- Marine and Estuary 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 and through specific data collection for rivers and streams.

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 referred to by the Section of the Clean Water Act which requires them: 303(d). There are five categories of impairments possible for 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.
- Category 5: Waters impaired or threatened for one or more designated uses by a pollutant(s), and a TMDL report is required.

The General Permit contains special requirements for waters that are no longer meeting their state water quality classifications if a Total Maximum Daily Load (TMDL) document has been prepared. These waters are listed in Category 4 A Impaired or threatened, not requiring a TMDL of the 303(d) report and list. They have this listing because a TMDL has already been prepared for the water.

A TMDL document identifies the sources of the impairments and a plan of action to correct the impairments. In particular, the TMDL document identifies how much of a pollutant a water body can receive and still meet its water quality classification. Pollutants that are discharged in excess of the maximum load will need to be eliminated to achieve the required load. Typically the units for the amount of pollutant are identified as pounds per day, which is the basis for the term “Total Maximum Daily Load”. A TMDL action plan typically describes how to reduce the excess pollutant loadings to the TMDL level. 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.

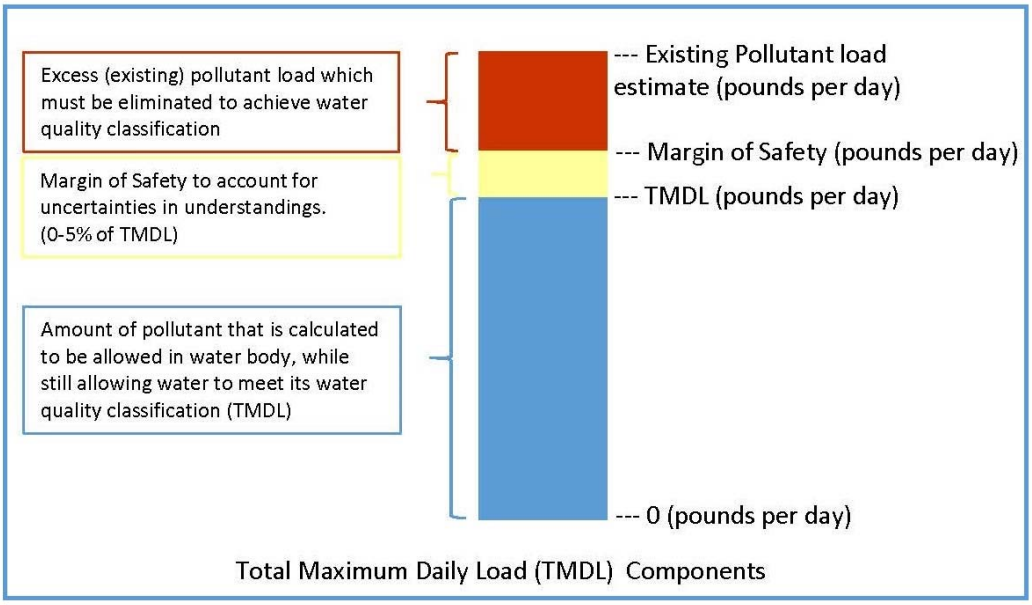


Table 1 summarizes the waters to which each community discharges, their water quality classifications, impairment status and TMDL status.

The following documents were reviewed in making these determinations:

- Statewide Bacteria TMDL (August 2009)
- Chapter 502 Direct Watersheds of Lakes Most at Risk from New Development and Urban Impaired Streams
- Impervious Cover TMDL (September 2012)
- Draft 2012 Maine Integrated Water Quality Report and Appendices (a.k.a. Maine 303(d) list)
- USEPA and Maine DEP approved TMDL lists

Table 1 shows that a number of waters are listed on the Statewide Bacteria TMDL which was finalized in 2009. Most of the waters on the list are estuarine, and are listed because of data associated with the Department of Marine Resources municipal shellfish program. The Salmon Falls River is also listed in the report portion of the document, but no details are provided as to the source of the data causing this listing. The listing is for the portion of the Salmon Falls River North of the Route 9 bridge in Berwick.

The Statewide Bacteria TMDL document requires that all sources of bacteria that are prohibited (such as failed septic systems or illicit discharges) be removed. It also requires that any sources of bacteria from allowed discharges (such as this MS4 permitting program) be restricted to concentrations equal to the water quality criteria. The limit for Class B (fresh) waters is 100 colonies of e-coli per 100 ml. The limit for SB (estuarine) waters is 54 colonies/100 ml.

Table 1
Summary and status of Waters to which MS4 discharges
York County MS4s 2013

	Eliot 2013	**Berwick 2013**	**South Berwick 2013**	**Kittery 2013**	**York 2013**
Permit number	MER041004	MER041003	MER041014	MER041013	MER041029
All waters within Urbanized Area	Piscataqua River Estuary (SB/SC), Sturgeon Creek (B), Spinney Creek (SB), Stacey Creek (B), Great Creek (B), Adlington Creek (B), Shorey's Brook (B)	Ferguson Brook (B), Worster Brook (B), Salmon Falls River (B above Rt 9, C below Rt 9), Coffin Brook (B), Driscoll Brook (B)	Shoreys Brook (B), Quamphegan Brook (B), Lord Brook (B), Piscataqua River Estuary (SB/SC), Great Works River (B), Driscoll Brook (B), Salmon Falls River (C), Lovers Brook (B)	Piscataqua River Estuary (SC), Spruce Creek (SB), Chauncey Creek (SB), Barters Creek (SB), (all are SB north of Rt 103 and SC south of Rt 103), Libby Brook (B)	York River (B) and Harbor (SB), Barrells Millpond (SB), Cape Neddick River and Harbor (SB), Little River (SB), Dolly Gordon Brook (B), Bridges Swamp, Cefalo Swamp, Blaisdell Pond (GPA), Bragdon Island (SB), Johnson Brook (B), Southside Brook (B), Bass Cove Creek (B), North Basin (SB), Prebble Brook (B/SB), and Bridges Ice Pond (historical GPA)
303d list as Category 5A - impaired and needs TMDL (not otherwise listed below)	Piscataqua River Estuary (812-2) Listed on 2012 303d list for Nutrients as Category 5-A. Eelgrass areal extent and density decreases were documented since 1996 by NH DES and Maine DMR.			Piscataqua River Estuary (812-2) Listed on 2012 303d list for Nutrients as Category 5-A.	
Salmon Falls River TMDL DO, Phosphorus, CBOD, Ammonia and Piscataqua River for DO (1999)		Salmon Falls River	Salmon Falls River		
Bacteria TMDL (2009)	Piscataqua River Estuary (DMR Area 1)	Salmon Falls River	Salmon Falls River, Piscataqua River Estuary (DMR Area 1)	Piscataqua River Estuary (DMR Area 1), Spruce Creek, Barters Creek, Chauncey Creek (DMR Area 2A) (and Atlantic Ocean at Sea Point Road DRM Area 3 is outside UA)	York River, York Harbor, Barrells Millpond (DMR Area 3) Little River at Atlantic Ocean, and Cape Neddick River (DMR Area 4)
Impervious Cover TMDL (2012)	No Waters Listed	Adams Brook (Outside UA)	Adams Brook (Outside UA)	No Waters Listed	No Waters Listed

	Eliot 2013	Berwick 2013	South Berwick 2013	Kittery 2013	York 2013
Lakes Most at Risk (Chpt 502)	York Pond (Outside UA)	Murdock (Hatfield, Outside UA)	Knights Pond (Outside UA)	No Waters Listed	Boulter Pond (outside UA)
			Warren Pond (Outside UA)		Chases Pond (outside UA)
					Scituate Pond (outside UA)
Urban Impaired Streams (Chpt 502)	No Waters Listed	No Waters Listed	No Waters Listed	No Waters Listed	No Waters Listed
CLF Petition (2013)	No Waters Listed	Salmon Falls River	Salmon Falls River	No Waters Listed	No Waters Listed

Notes:

The 2009 Bacteria TMDL document lists Brave Boat Harbor in York as impaired for bacteria (it is incorrectly listed as DMR area 1B, but it is really a formerly listed portion of DMR Area 3). However, as of 3/2/2011, data showed this area as reopened to shell fishing with no restrictions because bacteria concentrations had decreased. In addition, the Bacteria TMDL document and the Maine 303(d) lists both show Lobster Cove (DMR Area 2B) listed as impaired, however, DMR documents show no restrictions for this water.

Although Adams Brook (outside the Berwick and South Berwick UAs) is not listed in the 2012 Impervious Cover TMDL, the 2012 303(d) list identified it would be included .

UA - Urbanized Area
DMR - Department of Marine Resources

Beyond these requirements, no specific sources of bacteria are identified.

Appendix C provides a summary of how this Plan is consistent with the Statewide Bacteria TMDL for those waters that are listed therein.

A TMDL document was also prepared in 1999 for the Salmon Falls River impairments due to excess ammonia, dissolved oxygen, and nutrient/eutrophication and for biological indicators. The TMDL document resulted in a change in classification of the River between the Route 9 bridge in Berwick and the head of the tide in South Berwick from Class B to Class C. The Use Attainability Analysis completed showed that Class B dissolved oxygen concentrations were not attainable for this section because of impoundments.

The TMDL also recommended new permit limits for five waste water treatment plants that discharge into the river (Milton, NH; Berwick, ME; Somersworth, NH; Rollinsford, NH; and S. Berwick, ME).

Sampling of discharges into the River in 1995 did not show any widespread significant contribution of non-point source phosphorous loading to the Salmon Falls River when compared to the point source inputs (note that the MS4 outfalls that discharge into the River were considered non-point source contributions at that time). The TMDL document did not recommend any actions associated with stormwater runoff, therefore this Stormwater Program Management Plan does not contain any specific measures for consistency.

Priority Watersheds

Many of the requirements in the General Permit apply only to the towns' highest priority watersheds or to the towns' top two highest priority watersheds.

Watersheds, subwatersheds and drainage areas are described using a national naming and numbering system. Watersheds are described using a 10-digit Hydrologic Unit Code (HUC). Watersheds are divided into smaller divisions called subwatersheds and are numbered by retaining the 10-digit HUC from the watershed and adding two additional digits to form a resultant 12-digit HUC. National HUC data sets end with the 12 digit HUC subwatersheds. Municipalities and/or states typically subdivide the subwatersheds into smaller drainage areas, again retaining the 12-digit HUC of the parent subwatershed and adding two more digits.

The priority watershed in most of the towns were selected because most of the Urbanized Area falls within one watershed. The following is a description of the watersheds in each of the towns:

Berwick: The Urbanized Area is completely contained within the Salmon Falls River Watershed

(HUC 0106000305). Therefore the town's priority watershed is the Salmon Falls River.

South Berwick: The Urbanized Area is split approximately equally between two Watersheds: the Salmon Falls River (HUC 0106000305) and Great Works River (HUC 0106000304). The town's priority watershed is the Great Works River Watershed.

Eliot: Approximately 90% of the Urbanized Area is contained within the watershed called, Hampton River Frontal Atlantic Ocean (HUC 0106000310). The remaining 10% of the Urbanized Area is contained in the Salmon Falls River Watershed ((HUC 0106000305). The town's priority watershed is the Hampton River Frontal Atlantic Ocean Watershed.

Kittery: Approximately 8o% of the Urbanized Area is contained within the watershed called, Hampton River Frontal Atlantic Ocean (HUC 0106000310). The remaining portions of the Urbanized area are contained in the watershed called, Frontal Drainages of Southern York County (HUC 0106000311). The town's priority watershed is the Hampton River Frontal Atlantic Ocean Watershed.

York: The entire Urbanized Area is contained within the watershed called, Frontal Drainages of Southern York County (HUC 0106000311). Therefore this is the priority watershed for the town.

Table 2 shows the priority waterbodies and subwatersheds for each of the towns and the rationale for their selection.

Table 2
Priority Water Bodies and Subwatersheds
York County MS4s

Municipality	**Priority Waterbody**	**Priority Subwatershed (12-digit HUC Code)**	**Rational/Discussion**
Berwick	Salmon Falls River	Middle Salmon Falls River (0106000305-06)	The majority of the Urbanized Area discharges directly to the Salmon Falls River. The Salmon Falls River is the source water for the town's drinking water.
Eliot	Spinney Creek	Portsmouth Harbor (0106000310-01)	This is the largest subwatershed in the town, encompassing more than 90 percent of the Urbanized Area. The only other subwatersheds in Eliot are the York River (which has no Urbanized Area) and the Lower Salmon Falls River, which has

Table 2
Priority Water Bodies and Subwatersheds
York County MS4s

Municipality	Priority Waterbody	Priority Subwatershed (12-digit HUC Code)	Rational/Discussion
			~10% of the Urbanized Area)
Kittery	Spruce Creek	Portsmouth Harbor (0106000310-01)	The Portsmouth Harbor Subwatershed contains Spruce Creek which is listed as impaired for shell fishing because of excess bacteria, and has received significant attention from a local grass-roots watershed organization focused on improving its water quality. The Portsmouth Harbor Subwatershed also encompasses approximately 80% of the Kittery Urbanized Area. (Brave Boat Harbor subwatershed and York River subwatershed are the only other subwatersheds, and each covers a small portion of the Urbanized Area within Kittery).
South Berwick	Great Works River	Great Works River – Leigh's Mill Pond (0106000304-02)	The Great Works River – Leigh's Mill Pond subwatershed contains the Great Works River which is not listed as impaired but has received significant attention from a local grass-roots watershed organization focused on maintaining its water quality. The Great Works River – Leigh's Mill Pond subwatershed also encompasses more than 50% of the South Berwick Urbanized Area. The only other subwatershed in South Berwick that overlaps the Urbanized Area is the Lower Salmon Falls Subwatershed.

Table 2
Priority Water Bodies and Subwatersheds
York County MS4s

Municipality	Priority Waterbody	Priority Subwatershed (12-digit HUC Code)	Rational/Discussion
York	Cape Neddick River	Stevens Brook-Cape Neddick River (0106000311-02)	The town of York has designated the Cape Neddick River as a priority water, hence the subwatershed and watershed associated with this are priority for the town. This water is listed as impaired for shell fishing because of the presence of the Sewer District's Wastewater Treatment Plant outfall pipe. Cape Neddick River has received significant attention from a local-grass roots organization focused on improving its water quality.

SECTION 2 MINIMUM CONTROL MEASURES

MCM 1 Public Education and Outreach

The towns will cooperate on a regional and statewide scale to complete the requirements of the Public Education and Outreach MCM.

MCM Goals

1. To raise awareness that polluted stormwater runoff is the most significant source of water quality problems for Maine's waters;
2. To motivate people to use Best Management Practices (BMPs) which reduce polluted stormwater runoff; and
3. To reduce polluted stormwater runoff as a result of increased awareness and utilization of BMPs.

BMP 1.1 – Update and implement Public Stormwater Awareness Plan.

Measurable Goal 1.1.1 – The towns are cooperating on preparation of a Statewide Public Awareness Plan. The Plan is being written by the ISWG with input by the towns. ISWG has indicated that by December 2, 2013 they will submit the Statewide Public Stormwater Awareness Plan to raise awareness of stormwater issues such as the path stormwater runoff takes, sources of stormwater pollution and the impact that polluted stormwater runoff has in the community(s). The plan will identify:

a) the target audience
b) the outreach tool(s) to be used
c) the message
d) the distribution system
e) the time line and implementation schedule
f) the person(s) responsible for implementation
g) an impact evaluation protocol
h) a plan modification protocol (this must include DEP approval of significant plan modifications)
i) the goals (e.g., the targeted level of change sought as a result of the education and outreach effort; specific measurable goals for plan implementation).

Measurable Goal 1.1.2 – Unless DEP responds in writing or verbally otherwise, then as of February 1, 2014 the Stormwater Awareness Plan is considered approved and implementation of the Stormwater Awareness Plan will begin within one week of approval. The details and schedule for implementation will be defined in the Plan. The implementation activities associated with the Awareness Plan will be documented under this Measureable Goal.

Measurable Goal 1.1.3 –The towns of Berwick, South Berwick, Eliot and Kittery will also continue to implement select awareness activities that they began in the 2008-2013 Permit cycle. Activities include:

- Maintaining a link to www.thinkbluemaine.org on municipal website;
- Promoting their approved public event (see BMP 2.2 Host Public Events)
- Maintain posters and/or flyers at public buildings

Reporting - Review of Stormwater Awareness Plan will be included in every Annual Report. The review will include process and impact indicators as outlined in the Stormwater Awareness Plan. In permit year five an in-depth assessment of both the implementation and the impact of the Stormwater Awareness Plan will be provided.

Responsible Parties:
Berwick – Town Planner
South Berwick – Public Works Director
Eliot – Town Planner
Kittery – Stormwater Coordinator
York – Stormwater Coordinator
Assisted by third party contractor (Plan implementation and reporting),
and ISWG (Plan development)

BMP 1.2 – Develop and implement Municipal/Permit Stormwater Awareness Plan.

Measurable Goal 1.2.1 – By January 6, 2014 submit a Municipal/Permit Awareness Plan to raise awareness of stormwater issues including MS4 permit requirements targeting municipal employees, elected officials and volunteers within municipal government. The plan will identify:

a) the target audience
b) the outreach tool(s) to be used
c) the message
d) the distribution system
e) the time line and implementation schedule
f) the person(s) responsible for implementation
g) an impact evaluation protocol
h) a plan modification protocol (this must include DEP approval of significant plan modifications)
i) the goals (e.g., the targeted level of change sought as a result of the education and outreach effort; specific measurable goals for plan implementation).

Measurable Goal 1.2.2 – Unless DEP responds in writing or verbally otherwise, then as of March 1, 2014 the Municipal/Permit Awareness Plan is considered approved and implementation of the Municipal/Permit Awareness Plan will begin within one week of approval. A schedule for implementation will be included in the Plan. Progress on implementation will be documented under this Measurable Goal.

Reporting - review of implementation of Municipal/Permit Awareness Plan will be included in every Annual Report. In permit year five an analysis of the process and impact indicators of the Permit Awareness Plan will be provided.

Responsible Parties:
Berwick – Town Planner
South Berwick – Public Works Director
Eliot – Town Planner
Kittery – Stormwater Coordinator
York – Stormwater Manager / Shoreland Resource Officer
Assisted by third party contractor (Plan development, implementation and reporting)

BMP 1.3 - Continue Targeted Best Management Practices Adoption efforts from previous MS4 permit cycle.

Measurable Goal 1.3.1 – In Permit Year 1, the towns of Berwick, South Berwick, Eliot and Kittery will continue select BMP adoption activities identified in the previous permit cycle's BMP Adoption Plan. Activities include:

- Send out email, newspaper or newsletter communication to reinforce the message of YardScaping and
- Maintain links on municipal websites to the YardScaping website hosted by CCSWCD; and
- Continue to work with school groups or watershed groups in a cooperative manner to promote YardScaping.

Reporting - Summary of completed activities will be included in the Annual Report.

Responsible Parties:
Berwick – Town Planner
South Berwick – Public Works Director
Eliot – Town Planner
Kittery – Stormwater Coordinator
Assisted by third party contractor (implementation and reporting)

BMP 1.4 – Update and Implement BMP Adoption Plan

Measurable Goal 1.4.1 – By November 1, 2013 submit an updated Targeted BMP Adoption Plan to encourage targeted audience to adopt or practice specific BMPs that will reduce stormwater pollution. The Plan will include:

a) the BMP
b) the target audience
c) the outreach tool(s) to be used
d) the message
e) the distribution system
f) the time line
g) the person(s) responsible for implementation
h) an impact evaluation protocol
i) a plan modification protocol
j) the targeted level of change as a result of the outreach effort (specific measurable goals for plan implementation).

Measurable Goal 1.4.2 – Unless DEP responds in writing or verbally otherwise, then as of January 15, 2014 the BMP Adoption Plan is considered approved and implementation of the Plan will begin. A detailed schedule for activities to be completed will be included in the Plan. Implementation of the Plan will be tracked under this Measurable Goal.

Reporting – a review of BMP Adoption Plan will be included in every Annual Report. The review will include process and impact indicators as outlined in the BMP Adoption Plan. In permit year five an in-depth assessment of both the implementation and the impact of the BMP Adoption Plan will be provided.

Responsible Parties:
Berwick – Town Planner
South Berwick – Public Works Director
Eliot – Town Planner
Kittery – Stormwater Coordinator
York – Stormwater Manager / Shoreland Resource Officer
Assisted by third party contractor (Plan development, implementation and reporting)

BMP 1.5 – Develop and Implement Targeted Outreach in Priority Watershed Plan.

Measurable Goal 1.5.1 – By July 1, 2014 submit a draft plan on how to meet either permit requirement H.1.a.iv.1 or H.1.a.iv.2. The plan will identify:

a) the specific stormwater activity or pollutant to be addressed
b) the target audience
c) the outreach tool(s) to be used

d) the message and the BMPs to be encouraged
e) the time line and implementation schedule
f) the person(s) responsible for implementation
g) the goal of the outreach effort
h) impact evaluation protocol.

Measurable Goal 1.5.2 – by November 1, 2014 submit a final plan. Unless DEP responds in writing or verbally otherwise, then as of January 5, 2015 the Targeted Outreach in Priority Watershed Plan is considered approved and implementation will begin. A schedule for implementation will be included in the Plan. Implementation will be tracked under this Measurable Goal.

Reporting - review of Targeted Outreach in Priority Watershed Plan will be included in Annual Reports starting with the permit year two annual report. The review will include process and impact indicators as outlined in the Targeted Outreach in Priority Watershed Plan. In permit year five an analysis of the process and impact indicators of the Targeted Outreach in Priority Watershed Plan will be provided.

Responsible Parties:
Berwick – Town Planner
South Berwick – Public Works Director
Eliot – Town Planner
Kittery – Stormwater Coordinator
York – Stormwater Manager / Shoreland Resource Officer
Assisted by third party contractor (Plan development, implementation and reporting)

MCM 2 Public Involvement and Participation

The York County MS4s will cooperate on Public Involvement and Participation activities on a regional basis, as described in this section of the plan.

MCM Goals:

1. Involve the public in both the planning and implementation process of improving water quality and reducing quantity via the stormwater program.

BMP 2.1 - Public Notice Requirement

Measurable Goal 2.1.1 — The York County MS4s will follow state and local Public Notice requirements for their Stormwater Management Program Plans and Notices of Intent (NOIs) to comply with the Permit. Copies of the NOIs and plans will be made available on each of the towns' web site.

Measurable Goal 2.1.2 — The York County MS4s will follow state and local Public Notice requirements when involving stakeholders in the implementation of the Small MS4 General Permit.

BMP 2.2 - Host Public Events

Measurable Goal 2.2.1 — The York County MS4s will annually host/conduct or participate in at least one public event (either jointly or individually) such as storm drain stenciling, stream clean-up, household hazardous waste collection day, volunteer monitoring, neighborhood educational events with a pollution prevention, water quality or environmental theme, conservation commission outreach program, Urban Impaired Stream outreach program, or adopt a storm drain or local stream program. The target audience will be adults living in the Urbanized Area of the Towns. The message will be tailored to best reach the target audience given the characteristics of the public event. Implementation of the Targeted BMP Plan will include public events each year.

Reporting - The annual report will include descriptions of the all public notice information and events held including estimated attendance/participation and an impact evaluation to assess effectiveness of the methods used to plan and host the event.

Responsible Parties:
Berwick – Town Planner
South Berwick – Public Works Director
Eliot – Town Planner
Kittery – Stormwater Coordinator

York – Stormwater Manager / Shoreland Resource Officer
Assisted by third party contractor (Plan development, implementation and reporting)

MCM 3 Illicit Discharge Detection and Elimination

The towns of Berwick, South Berwick, Eliot and Kittery developed and implemented programs related to Illicit Discharge Detection and Elimination over the past two permit cycles. These communities will continue to implement these programs as required. Though it was not subject to the previous General Permits, the town of York has already implemented some of the Permit requirements, and will be implementing the other requirements in this permit cycle.

MCM Goals

1. Maintain an updated watershed-based storm sewer system infrastructure map;
2. Implement (York only) and enforce the towns' non-stormwater discharge ordinances;
3. Develop (York only) and implement the towns' illicit discharge detection and elimination programs including prioritized dry weather outfall inspections, expanding into watersheds that have not been inspected;
4. Develop (York only) and implement the towns' strategy to detect any illicit discharges to the open ditch system within priority watersheds; and
5. Develop a list of septic systems in the highest priority watershed that are 20 years old or older and implement a drive-by evaluation and documentation program
6. Work with water utilities to identify if hydrant flushing practices in the MS4s constitute significant contributors of pollutants.

For specific permit requirements and suggestions, Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems Part IV.H.3 refer to the General Permit.

BMP 3.1 - Maintain an updated Watershed-Based Storm Sewer System Infrastructure Map

Measurable Goal 3.1.1 – Each of the towns created a watershed-based maps of their MS4 infrastructure. Annually by June 30 each year, the towns will update either the GIS systems or the paper copies of the maps to reflect new infrastructure and changes to the infrastructure.

Reporting - Annual update of mapping efforts undertaken in the Permit Year.

Responsible Parties:
Berwick – Town Planner
South Berwick – Public Works Director
Eliot – Public Works Director
Kittery – Public Works Commissioner
York – Community Development Director and GIS Manager
Assisted by third party contractor (GIS updates and reporting)

BMP 3.2 – Implement and enforce a Non-Stormwater Discharge Ordinance

Measurable Goal 3.2.1 - The town of York will adopt and implement a Non-Stormwater Discharging Ordinance by January 10, 2015.

Measurable Goal 3.2.2 - The towns of Berwick, South Berwick, Eliot and Kittery previously adopted ordinances prohibiting illicit discharges to the MS4 system. The towns will continue to enforce the ordinances during Permit Years 1 through 5. The town of York will begin enforcing its ordinance as soon as it becomes effective.

Reporting - Documentation of the progress of implementing an ordinance will be provided (York only). Documentation of illicit discharge incidents and municipal enforcement actions as a result of the adopted ordinances will be included in annual reports to DEP each year of the permit, reported under BMP 3.3 Implement Dry Weather Outfall Inspection Plan.

Responsible Parties:
Berwick – Code Enforcement Officer
South Berwick – Code Enforcement Officer
Eliot – Code Enforcement Officer
Kittery – Sanitation Officer/Code Enforcement Officer
York – Stormwater Manager / Shoreland Resource Officer

BMP 3.3 - Implement Illicit Discharge Detection and Elimination Program

Measurable Goal 3.3.1 (York only) - The town of York will develop an illicit discharge detection and elimination program which includes a prioritized dry weather outfall inspection plan by June 30, 2014. The plan will pertain to the watershed or subwatershed of a receiving water that the town identifies as having the greatest potential threat from stormwater or illicit non-stormwater discharges.

Measurable Goal 3.3.2 – The Towns of Berwick, South Berwick, Eliot and Kittery will continue implementing their illicit discharge detection and elimination programs during this permit cycle.

During the past permit cycle, the towns of Berwick, Eliot and South Berwick decided to conduct dry weather outfall inspections on all of the outfalls in their urbanized area, therefore no prioritization was required. The towns will continue conducting inspections of all outfalls throughout the Urbanized Area each year.

The town of Kittery identified the Spruce Creek Drainage area (in the Portsmouth Harbor Subwatershed) as their priority watershed. The only other subwatersheds in Kittery are the Brave Boat Harbor subwatershed (which has no urbanized area in it) and the York River subwatershed, which has a small portion of the Urbanized Area in it. The town of Kittery will expand dry weather outfall inspections to the entire Portsmouth Harbor Subwatershed beginning in Permit Year 2.

The town of York will conduct inspections in its two highest priority subwatersheds beginning in

Permit Year 2 (after June 30, 2014). The town will expand these inspections into the third (and only remaining subwatershed) beginning in Permit Year 3 (after June 30, 2015).

Reporting - Inspection results will be documented in a spreadsheet or other recordkeeping system and a summary will be reported in annual reports submitted to the DEP.

Responsible Parties:
Berwick – Town Planner
South Berwick – Public Works Director
Eliot – Public Works Director
Kittery – Stormwater Coordinator
York – Stormwater Manager / Shoreland Resource Officer

BMP 3.4 - Develop and Implement Open Ditch Illicit Discharge Program

Measurable Goal 3.4.1 – The town of York will develop a strategy to detect illicit discharges to the open ditch system within the Urbanized Area by June 30, 2018. (Note that although the permit requires this only be completed for the highest priority watershed, the town's Urbanized Area falls entirely within a single watershed – the *Frontal Drainages of Southern York County Watershed).*

Measurable Goal 3.4.2 – During the past permit cycle, the towns of Berwick, South Berwick, Eliot and Kittery each developed a strategy for detecting illicit discharges in their open ditch systems within their MS4 controlled Urbanized Areas. The towns will continue implementing the detection program.

Reporting - Annual reports to DEP each year of the permit will include a status report on the inspections completed. Note: reporting of illicit discharge detections and actions taken will be done under BMP 3.3, Implement Dry Weather Inspection Plan.

Responsible Parties:
Berwick – Public Works Director
South Berwick – Public Works Director
Eliot – Public Works Director
Kittery – Public Works Commissioner
York – Stormwater Manager / Shoreland Resource Officer

BMP 3.5 - Document and Evaluate Aging Septic Systems

Measurable Goal 3.5.1 – By June 30, 2016, the towns will develop lists of aging (i.e., greater than 20 years old) septic systems that might discharge to the MS4 if they were to fail as follows at a minimum:

Berwick – Entire Urbanized Area (the Salmon Falls River Watershed is the only watershed in the

Urbanized Area)
South Berwick – Great Works River Watershed (encompasses the highest priority subwatershed)
Eliot – Entire Urbanized Area (Hampton River-Frontal Atlantic Ocean is the only watershed in the Urbanized Area)
Kittery – Portsmouth Harbor subwatershed (encompasses all of the Urbanized Area in the largest Watershed: Hampton River-Frontal Atlantic Ocean Watershed).
York – Frontal Drainages of Southern York County (the only Watershed in the Urbanized Area)

Measurable Goal 3.5.2 – By June 30, 2017, the York County MS4s will implement a drive-by evaluation and documentation program of the aging septic systems identified in Measurable Goal 3.5.1. The program will include a mechanism to address any discharges from failed septic systems.

Reporting – The Permit Year 3 Annual report will include a status report on the number of septic systems identified. The Permit Year 4 Annual Report will include a description of the evaluation and documentation program. Note: reporting of illicit discharge detections and actions taken will be done under BMP 3.2, Continue to Enforce the Non- Stormwater Discharge Ordinance.

Responsible Parties:
Berwick – Public Works Director
South Berwick – Public Works Director
Eliot – Public Works Director
Kittery – Public Works Commissioner
York – Stormwater Manager / Shoreland Resource Officer

BMP 3.6: Coordinate with the water utility regarding water line and hydrant flushing to determine if either is a significant contributor of pollutants to the MS4

Measurable Goal 3.6.1 – By June 30, 2014 (end of Permit Year 1), coordinate with the water utility via mail or in person to evaluate whether or not water line or hydrant flushing from potable water sources is a significant contributor of pollutants to the MS4. Evaluation will include the following action:

- Provide the water utility with a location map showing the extent of the municipal urbanized area, and the highest priority watershed(s).

- Gather information from the water utility, specific to the urbanized area and priority watershed(s), including the number and location of hydrants and details on water line or hydrant flushing that outlines procedures, including how often flushing occurs, typical flow rates and duration, where the water is conveyed, what the target or actual chlorine concentrations are, and what best practices are employed to prevent erosion and address potential pollutants.

Measurable Goal 3.6.2 - By no later than December 30, 2014, unless otherwise approved by the Department, using available GIS or other municipal mapping information, the location of

hydrants will be added to the storm sewer system infrastructure map to aid in the evaluation; the municipality will work with the water utility to prioritize the hydrants or water lines that have the potential to cause exceedances of the ambient water quality criterion for chlorine when discharged through the MS4. The municipality will request a water quality progress report that documents what best management practices are being implemented for flushing activity at the prioritized hydrants as well as the water utility's testing results of the total residual chlorine for any such discharges.

Measurable Goal 3.6.3: Permit Years 3 – 5, the municipality will request an annual water quality progress report that documents what best management practices are being implemented for flushing activity at the prioritized hydrants as well as the water utility's testing results of the total residual chlorine for any such discharges.

Measurable Goal 3.6.4: If it is determined by the end of Permit Year 3, that water line or hydrant flushing is a significant contributor of pollutants to the MS4, and the water utility has demonstrated that it will not voluntarily implement BMPs in order to reach ambient water quality criteria for chlorine, the municipality will, as soon as practicable or by no later than the end of Permit Year 4, update their IDDE ordinance to allow enforcement of discharges that cause exceedances of water quality criteria.

Reporting: The annual report will include a status update on the evaluation of water line and hydrant flushing as a significant contributor of pollutants to the MS4 and an update on subsequent actions.

Responsible Parties:
Berwick – Public Works Director
South Berwick – Public Works Director
Eliot – Public Works Director
Kittery – Public Works Commissioner
York – Stormwater Manager / Shoreland Resource Officer

BMP 3.7 - Work with Department of Marine Resources to address Bacteria Impairments

Measurable Goal 3.7.1 – By June 30, 2014, the towns of Kittery, Eliot, South Berwick and York will meet with the Department of Marine Resources to review the data associated with Bacteria impairments as shown in Table 1 of this plan. The purpose of the meeting will be to gain an understanding of what the DMR is doing to address the impairment, share what the towns are doing to address the impairment, and develop plans to move forward in addressing impairments in a cooperative fashion.

Reporting – The Permit Year 1 Annual reports will include a status summary of the meeting(s) held and will identify any resultant action items from the meeting that might affect this plan.

Responsible Parties:

South Berwick – Public Works Director
Eliot – Public Works Director
Kittery – Public Works Commissioner
York – Community Development Director and Stormwater Manager / Shoreland Resource Officer

MCM 4 Construction Site Stormwater Runoff Control

MCM Goals
Implement and enforce a program to reduce pollutants in any stormwater runoff to the regulated small MS4 from construction activities that result in a land disturbance of greater than or equal to one acre. For specific permit requirements and suggestions, refer to DEP's General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems Part IV.H.4.

The York County MS4s will rely on the Maine Construction General Permit or Chapter 500, Stormwater Management.

BMP 4.1: Provide notification to construction site developers and operators of the requirements for registration under the Maine Construction General Permit or Chapter 500, Stormwater Management for the discharge of stormwater associated with construction activities;

Measurable Goal 4.1.1 – Each town will notify developers and contractors through modified building permits meetings with town staff and development review processes.

Responsible Parties:
Berwick – Town Planner
South Berwick – Public Works Director
Eliot – Town Planner
Kittery – Town Planner
York – Community Development Director

BMP 4.2 – Continue documenting every construction activity that disturb one or more acres within the Urbanized Area.
Measurable Goal 4.2.1 – Use a spreadsheet or other tracking mechanism to document the construction activities that disturb one or more acres of land in the Urbanized Area. By June 30 each year the spreadsheet or other tracking mechanism will be updated to include the construction projects in the Urbanized Area that disturbed one or more acres of land.

Responsible Parties:
Berwick – Code Enforcement Officer
South Berwick – Code Enforcement Officer
Eliot – Town Planner
Kittery – Town Planner
York – Community Development Director

BMP 4.3 - Implementing a construction site inspection program.

Measurable Goal 4.3.1 – During the previous permit cycle, the towns of Berwick, South Berwick, Eliot and Kittery developed procedures for construction site inspections by either a municipal official or a contracted third party to meet the terms and conditions of the MS4 General Permit (ensuring that sediment and erosion control at construction sites is implemented in accordance with the Maine Construction General Permit and/or Chapter 500 Basic Standards). The programs include three construction inspections for sediment and erosion control issues in those sites that are in the highest priority watersheds see (BMP 3.5 for listings of highest priority watersheds), and two inspections in all other portions of the Urbanized Areas. One of the inspections occurs at the end of construction to document that final stabilization of the site has been completed. The town of York will implement this program by the end of Permit Year 1 (June 30, 2014). The other towns will continue to implement this program, and by June 30 each year will document this information in the Construction Inspection Tracking spreadsheet or other tracking mechanism (see BMP 4.2).

Responsible Parties:
Berwick – Code Enforcement Officer
South Berwick – Code Enforcement Officer
Eliot – Code Enforcement Officer
Kittery – Town Planner (to document third party inspections), Code Enforcement Officer (to document all other inspections)
York – Community Development Director

MCM 5 Post-Construction Stormwater Management

MCM Goals

- Implement a program 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;
- Implement an ordinance or similar measure to ensure adequate long-term operation and maintenance of post construction BMPs;
- Ensure post construction BMPs are functioning as intended; and
- Document and report annually to the Maine DEP all applicable post-construction related information.

For specific permit requirements and suggestions, refer Part IV.H.5 of the General Permit.

BMP 5.1 –Develop and Enforce Ordinance or Similar Measure

Measurable Goal 5.1.1 – By June 30, 2015 (end of Permit Year 2), the town of York will implement a Post Construction Discharge Ordinance, applicable to stormwater BMPs on sites that disturb one acre of land or more (including projects less than one acre that are part of a larger common plan of development or sale) that discharge into the MS4. This ordinance (or similar measure) must stipulate that the owner or operator of a post construction stormwater BMP provide the town with an annual report documenting that the BMP is adequately maintained and is functioning as intended or requires maintenance. If the post construction BMP requires maintenance, the owner or operator shall provide a record of the deficiency and corrective action(s) taken to the town.

During the previous permit cycle, the towns of Berwick, South Berwick, Eliot, and Kittery each passed Post Construction Discharge Ordinances. The towns will continue to implement these ordinances.

BMP 5.2 – Track Post Construction Sites to ensure proper reporting and compliance with the Ordinance

Measurable Goal 5.2.1 - The York County MS4s will use a spreadsheet or other mechanism to track sites that trigger the Post Construction Ordinances and to document the following elements which are required to be reported to the Maine DEP:

- The cumulative number of sites that have post construction BMPs discharging into the permittee's MS4;
- A summary of the number of sites that have post construction BMPs discharging into the

permittee's MS4 that were reported to the municipality;

- The number of sites with documented functioning post construction BMPs; and
- The number of sites that required routine maintenance or remedial action to ensure that the post construction BMP is functioning as intended.

The towns will update their tracking spreadsheets or other mechanisms by June 30 each year.

The General Permit requires that the towns conduct additional inspections at sites that are located in watersheds of Urban Impaired Streams and Lakes Most at Risk unless a "Qualified Third Party Inspector" has conducted the inspections. Most MS4s have passed ordinances requiring Qualified Third Party Inspectors to conduct the inspections to eliminate this requirement, and because it is a good practice.

The waters in the Urbanized Areas of the York County MS4s are not listed as Lakes Most at Risk or Urban Impaired Streams, therefore this requirement does not apply.

Reporting - Documentation of all inspections will be entered into a spreadsheet or other tracking mechanism and annually reported to the Maine DEP.

Responsible Parties:
Berwick – Code Enforcement Officer
South Berwick – Code Enforcement Officer
Eliot – Public Works Director
Kittery –Code Enforcement Officer
York – Stormwater Manager / Shoreland Resource Officer

MCM 6 Pollution Prevention/Good Housekeeping for Municipal Operations

This program has the ultimate goal of preventing or reducing pollutant runoff from municipal operations.

MCM Goals

- Maintain an updated inventory of all municipal operations conducted in, on, or associated with facilities, buildings, golf courses, cemeteries, parks and open space owned or operated by regulated MS4s that have the potential to cause or contribute to stormwater or surface water pollution.
- Implement written operation and maintenance procedures for the facilities in the inventory to ensure long term operation of structural and non-structural controls that reduce stormwater pollution to the maximum extent practicable.
- Train employees on ways to prevent and reduce stormwater pollution from municipal operations and facilities.
- Implement a program to sweep all publicly accepted paved streets and publicly owned paved parking lots as well as clean catch basins and other stormwater structures.
- Maintain the conveyances, structures and outfalls of the regulated MS4.
- Implement a Stormwater Pollution Prevention Plan for public works facilities, transfer stations, and school bus maintenance facilities in the Urbanized Areas.

For specific permit requirements and suggestions, refer to Part IV.H.6 of the General Permit.

BMP 6.1 Operations at Municipally Owned Grounds and Facilities

Measurable Goal 6.1.1 – By June 30, 2014, the town of York will develop an inventory of all municipal operations conducted in, on, or associated with facilities, buildings, golf courses, cemeteries, parks and open space that have the potential to cause or contribute to stormwater or surface water pollution within the Urbanized Area.

During the previous permit cycle, the towns of Berwick, South Berwick, Eliot, and Kittery each developed an inventory of all municipal operations conducted in, on, or associated with facilities, buildings, golf courses, cemeteries, parks and open space that have the potential to cause or contribute to stormwater or surface water pollution. These towns will review the inventories and update them if necessary to include any new properties that have the potential to cause or contribute to stormwater or surface water pollution.

Measurable Goal 6.1.2 – By June 30, 2015, the town of York will develop a set of operation and maintenance procedures to ensure the long term operation of structural and non-structural controls that reduce stormwater pollution to the maximum extent practicable.

During the previous permit cycle, the towns of Berwick, South Berwick, Eliot, and Kittery each developed operation and maintenance procedures for the municipal operations that could impact stormwater within the Urbanized Area. The procedures identify municipal contacts, responsible for ensuring the procedures are implemented on-site. The parties responsible for this BMP ensure that the municipal contacts understand the procedures and have updated copies of the procedures. The towns will continue to implement these procedures, and will implement new procedures in any new municipal properties as necessary to protect stormwater. Where implementation of O&M procedures is required by an entity such as a fire or police department, the O&M procedures will be kept at the department. If implementation is conducted by public works, the O&M procedures will be kept at public works.

Reporting – The towns will provide updates on the inventories and implementation of the procedures.

Responsible Parties:
Berwick – Town Planner
South Berwick – Public Works Director
Eliot – Public Works Director
Kittery – Stormwater Coordinator
York – Stormwater Manager / Shoreland Resource Officer

BMP 6.2 Training

Measurable Goal 6.2.1 – Annual stormwater training will be offered by the MS4 on various topics on a rotating basis in each town depending on town-specific needs. Topics will include general MS4 permitting, operation and maintenance procedures for municipal operations, and stormwater pollution prevention plan implementation.

Reporting - Annual reports to DEP each year of the permit will include information on the types of trainings presented, the number of municipal and contract staff the received training, the length of the training and effectiveness of the training.

Responsible Parties:
Berwick – Town Planner
South Berwick – Public Works Director
Eliot – Public Works Director
Kittery – Stormwater Coordinator
York – Stormwater Manager / Shoreland Resource Officer

BMP 6.3 Continue Street Sweeping Program

Measurable Goal 6.3.1 - Each permit year the York County MS4s 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.

Reporting - Annual reports to DEP each year will include a status report on street sweeping.

Responsible Parties:
Berwick – Public Works Director
South Berwick – Public Works Director
Eliot – Public Works Director
Kittery – Public Works Commissioner
York – Public Works Director

BMP 6.4 Cleaning of Stormwater Structures Including Catch Basins

Measurable Goal 6.4.1 - Each permit year the York County MS4s will inspect at least 50% of their MS4 catch basins and will clean catch basins that accumulate more than three inches of sediment. The towns will clean catch basins more frequently if inspections indicate excessive accumulation of sediment. Excessive accumulation is greater than or equal to 50 percent filled.

Reporting - Annual reports to DEP each year will include a status report on cleaning of stormwater structures.

Responsible Parties:
Berwick – Public Works Director
South Berwick – Public Works Director
Eliot – Public Works Director
Kittery – Public Works Commissioner
York – Public Works Director

BMP 6.5 Maintenance and Upgrading of Storm water Conveyances and Outfalls

Measurable Goal 6.5.1 – By June 30, 2015, the town of York will develop a prioritized schedule for repairing or upgrading the stormwater conveyances, structures and outfalls of the regulated MS4.

The towns of Berwick, South Berwick, Eliot and Kittery developed prioritized maintenance programs during the previous permit cycle, and will continue to implement those programs.

Reporting - Annual reports to DEP each year will include a status report on the maintenance and upgrading of stormwater conveyances and outfalls.

Responsible Parties:
Berwick – Public Works Director
South Berwick – Public Works Director

Eliot – Public Works Director
Kittery – Public Works Commissioner
York – Public Works Director

BMP 6.6 - Stormwater Pollution Prevention Plans (SWPPP's)

Measurable Goal 6.6.1 – By June 30, 2015 (the end of Permit Year 2), the town of York will prepare a Stormwater Pollution Prevention Plan for its Beach Garage, which is the only public works, transfer station or school bus maintenance facility in the Urbanized Area. The SWPPP will be prepared to conform to the conditions and requirements of the Maine Multi-Sector General Permit for Stormwater Discharge Associated with Industrial Activity published April 26, 2011 (MSGP).

By June 30, 2014 (the end of Permit Year 1), the towns of Berwick, Eliot and South Berwick will update their SWPPPs to conform to the MSGP.

During subsequent permit years, the towns will implement the SWPPPs, including conducting quarterly visual monitoring and quarterly housekeeping inspections.

Reporting - Annual reports to DEP each year will include a status report on the development of the SWPPP's.

Responsible Parties:
Berwick – Town Planner
South Berwick – Public Works Director
Eliot – Public Works Director
Kittery – Public Works Commissioner
York – Public Works Director

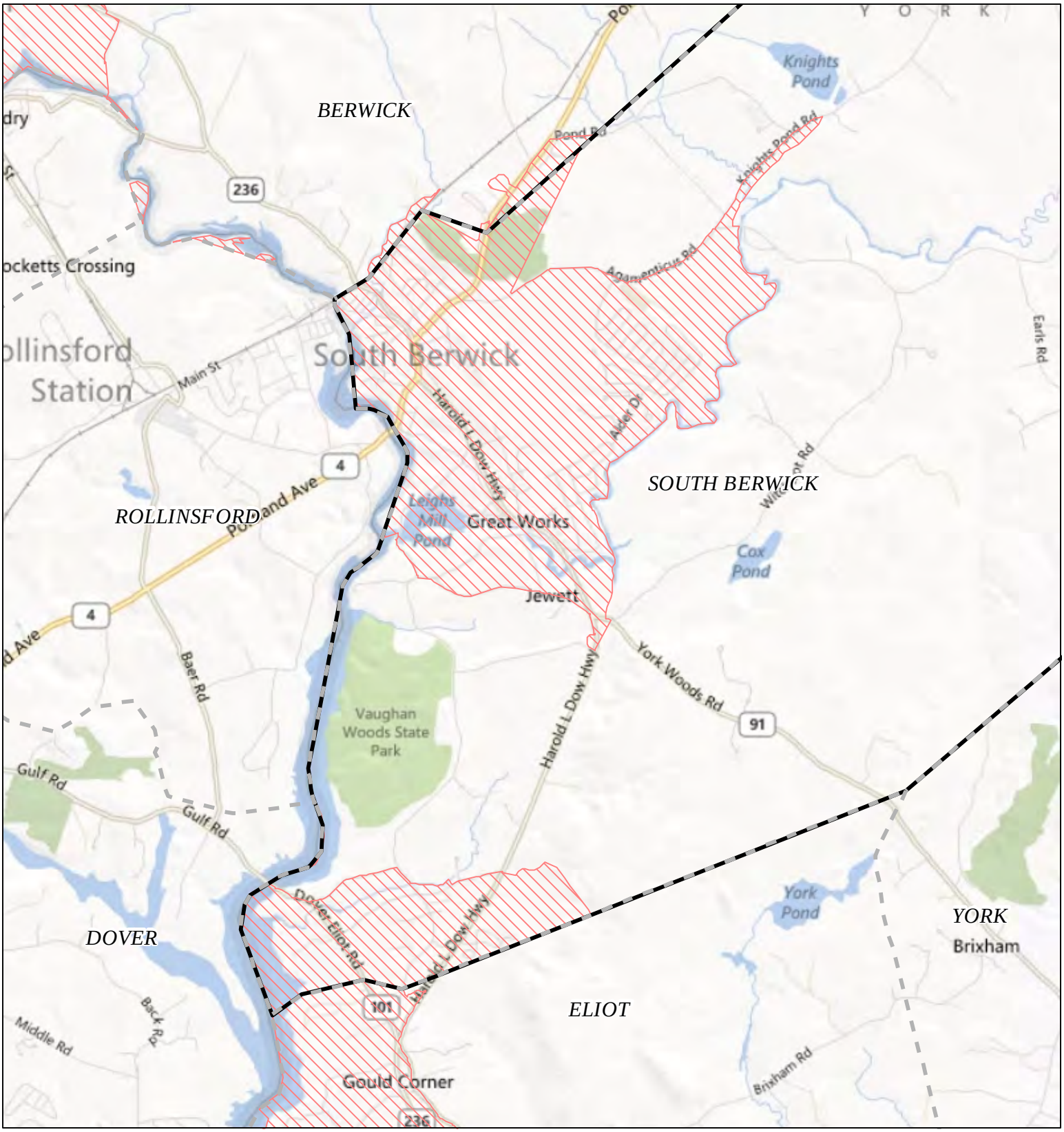
SECTION 3 GENERAL REQUIREMENTS

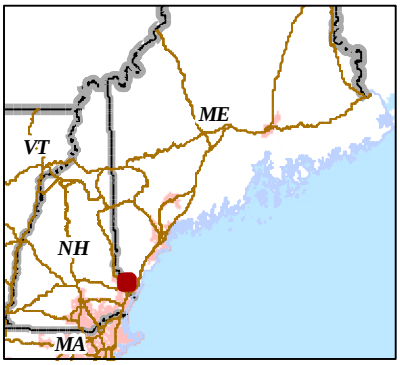
Certifications

The General Permit requires that this Plan be certified by either a principal executive officer or ranking elected official of the municipality, or by a person who has received delegated authority to certify on their behalf. Appendix D contains copies of the certification forms for each of the York County MS4 towns.

APPENDIX A

URBANIZED AREA MAPS





NPDES Phase II Stormwater Program Automatically Designated MS4 Areas

South Berwick ME

Regulated Area (2000 + 2010 Urbanized Area)

0 1 2 3 Kilometers

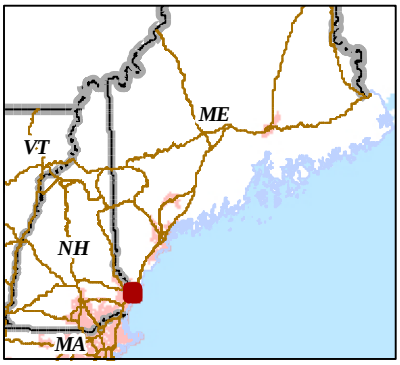
0 1 2 3 Miles

Town Population:	7220
Regulated Population:	4418

(Populations estimated from 2010 Census)

Urbanized Areas, Town Boundaries: US Census (2000, 2010)
Base map © 2010 Microsoft Corporation and its data suppliers

US EPA Region 1 GIS Center Map #8824, 11/19/2012



NPDES Phase II Stormwater Program Automatically Designated MS4 Areas

Kittery ME

Regulated Area (2000 + 2010 Urbanized Area)

0 1 2 3 Kilometers

0 1 2 3 Miles

Town Population: 9945

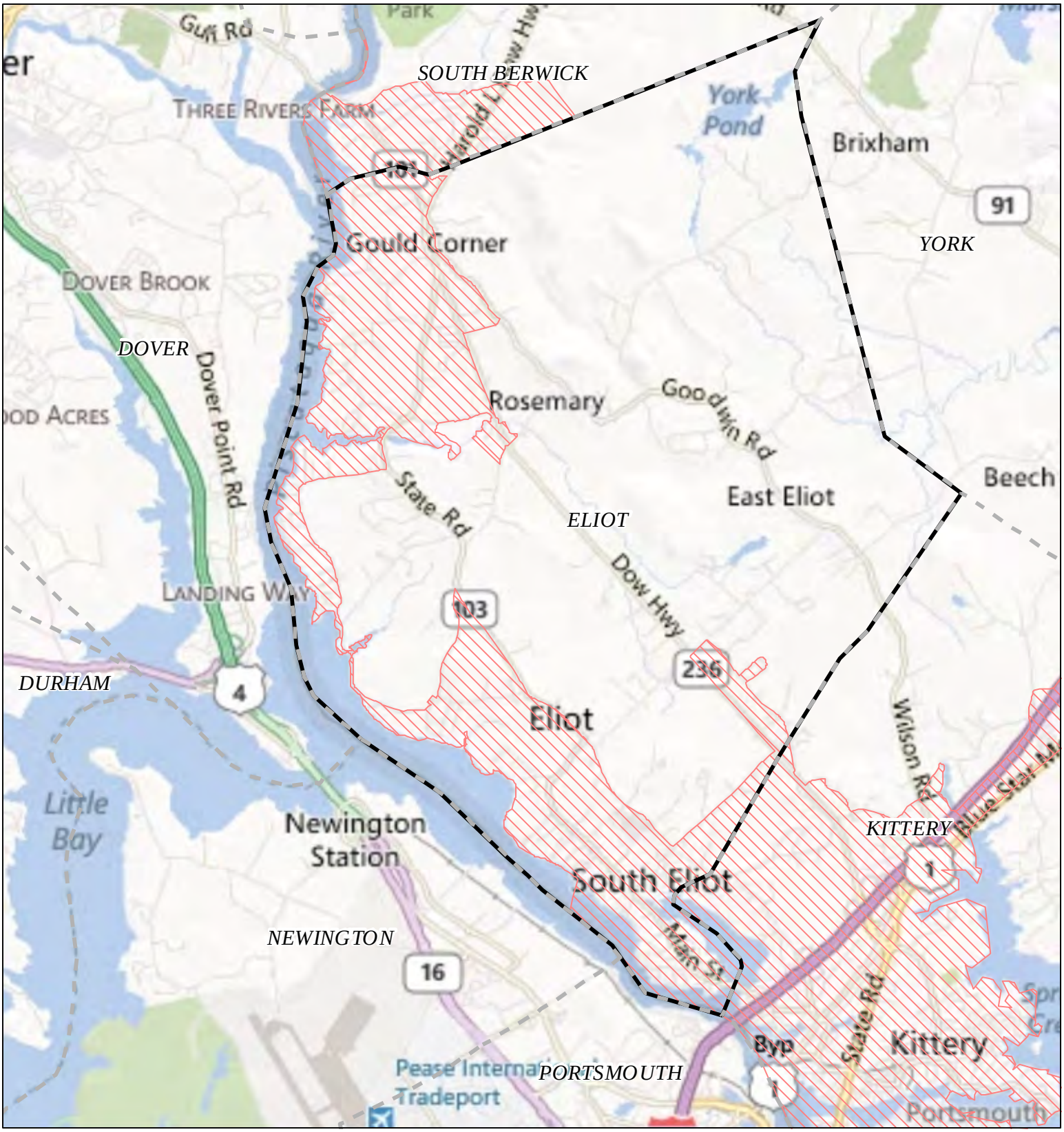
Regulated Population: 7034

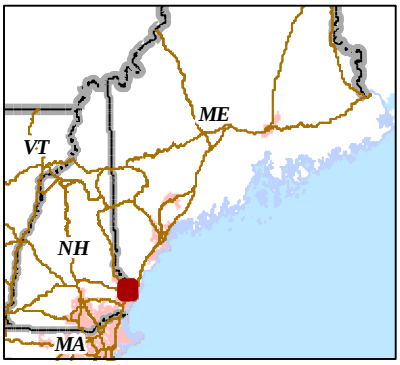
(Populations estimated from 2010 Census)

Urbanized Areas, Town Boundaries: US Census (2000, 2010)

Base map © 2010 Microsoft Corporation and its data suppliers

US EPA Region 1 GIS Center Map #8824, 11/19/2012





NPDES Phase II Stormwater Program
Automatically Designated MS4 Areas

Eliot ME

Regulated Area (2000 + 2010 Urbanized Area)

0 1 2 3 4 Kilometers

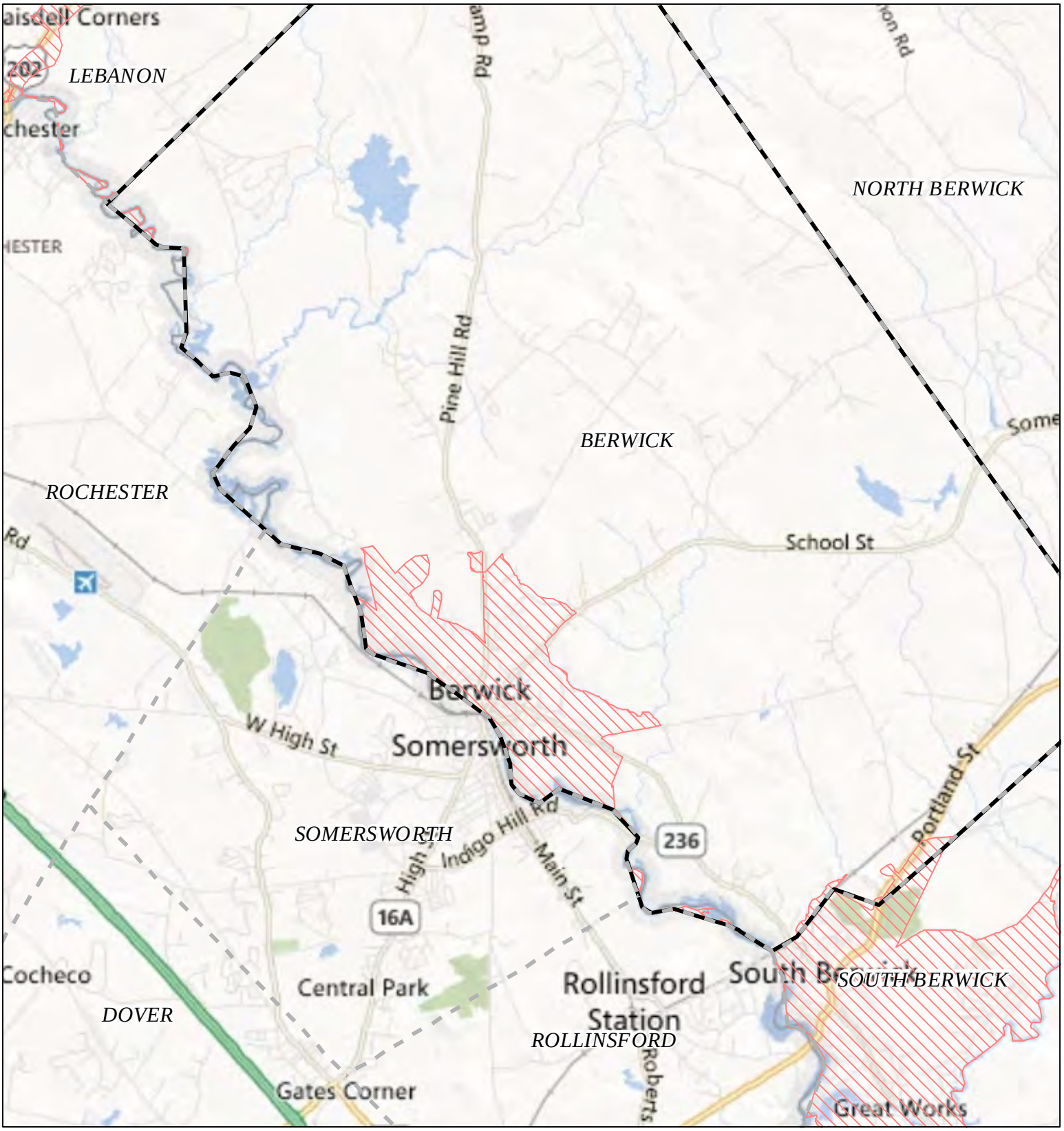
0 1 2 3 Miles

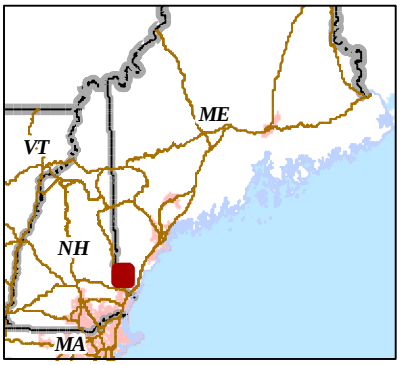
Town Population:	6204
Regulated Population:	3227

(Populations estimated from 2010 Census)

Urbanized Areas, Town Boundaries:
US Census (2000, 2010)
Base map © 2010 Microsoft Corporation
and its data suppliers

US EPA Region 1 GIS Center Map #8824, 11/19/2012





NPDES Phase II Stormwater Program
Automatically Designated MS4 Areas

Berwick ME

Regulated Area (2000 + 2010 Urbanized Area)

0 1 2 3 4 Kilometers

0 1 2 3 4 Miles

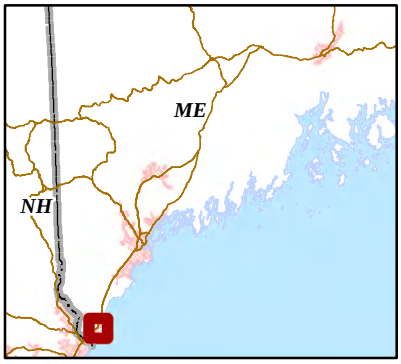
Town Population: 7146

Regulated Population: 2430

(Populations estimated from 2010 Census)

Urbanized Areas, Town Boundaries:
US Census (2000, 2010)
Base map © 2010 Microsoft Corporation
and its data suppliers

US EPA Region 1 GIS Center Map #8824, 11/19/2012



NPDES Phase II Stormwater Program
Automatically Designated MS4 Areas

York ME

Regulated Area:

UA Based on 2000 Census | UA Based on 2010 Census

0 1 2 3 4 Kilometers

0 1 2 3 Miles

Town Population: 12529

Regulated Population: 6502

(Populations estimated from 2010 Census)

EPA

Urbanized Areas, Town Boundaries:
US Census (2000, 2010)
Base map © 2013 Microsoft Corporation
and its data suppliers

US EPA Region 1 GIS Center Map #8824, 8/6/2013

APPENDIX B

NOTICES OF INTENT

NOTICE OF INTENT TO COMPLY WITH MAINE GENERAL PERMIT FOR THE DISCHARGE OF STORMWATER FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS

PLEASE TYPE OR PRINT IN *BLACK INK ONLY*

Municipality:	Town of Berwick	**Mailing Address:**	11 Sullivan Square P.O. Box 696		
Town/City:	Berwick	**State:**	Maine	**Zip Code:**	03901
Name and title of chief elected official or principal executive officer:	Patrick Venne, Town Manager	**Mailing Address:**	11 Sullivan Square, Berwick, ME 03901 ~~P.O. Box 696~~		
Town/City:	Berwick	**State:**	Maine	**Zip Code:**	03901
Name of primary contact person responsible for MS4 stormwater management program:	John Stoll, Town Planner	**Mailing Address:**	11 Sullivan Square		
Town/City:	Berwick	**State:**	Maine	**Zip Code:**	03901
Daytime phone: (with area code)	207-698-1101 ext. 115	**Email if available:**	planning@berwickmaine.org		
Estimate of the area in square miles of the Urbanized Area:	2.09	**Permit Number(if applicable):**	MER041003		
Name of stream(s), wetland(s) or waterbody(ies) to which the regulated Small MS4 discharges and a list of impaired waterbody(s) which receive stormwater from the Regulated Small MS4 (attach additional sheets as necessary):		Salmon Falls River			

I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certity that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement knowingly made in the submitted information may be punishable as a criminal offense, in accordance with Maine General Statutes.

I certify that this permit registration is on complete and accurate forms as prescribed by the Department without alteration of the text.

I also certify under penalty of law that I have read and understand all requirements of the General Permit. I certify that all requirements for authorization under the general permit are met and that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit for the municipality. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowingly making false statements.

Signature of chief elected official or principal executive officer:	Pat	**Date:**	7-2-13

This NOI registration form must be filed with the Department at the following address:
Stormwater Coordinator
Maine Department of Environmental Protection
Bureau of Land & Water Quality
17 State House Station
Augusta ME 04333-0017

OFFICE USE ONLY	Ck.#		Staff	Staff	
NOI #	FP	Date	Acc. Date	Def. Date	After Photos

NOTICE OF INTENT TO COMPLY WITH MAINE GENERAL PERMIT FOR THE DISCHARGE OF STORMWATER FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS

PLEASE TYPE OR PRINT IN *BLACK INK ONLY*

Municipality:	Town of Eliot	**Mailing Address:**	1333 State Rd.		
Town/City:	Eliot	**State:**	ME	**Zip Code:**	03903
Name and title of chief elected official or principal executive officer:	Michael T. MOynahan, Chairman of the Board of Selectmen	**Mailing Address:**	1333 State Rd.		
Town/City:	Eliot	**State:**	ME	**Zip Code:**	03903
Name of primary contact person responsible for MS4 stormwater management program:	Kate Pelletier, Planning Assistant	**Mailing Address:**	1333 State Rd.		
Town/City:	Eliot	**State:**	ME	**Zip Code:**	03903
Daytime phone: (with area code)	(207) 439-1813 x 15	**Email if available:**	kpelletier@eliotme.org		
Estimate of the area in square miles of the Urbanized Area:	4.7 sq. miles	**Permit Number(if applicable):**	MER041004		
Name of stream(s), wetland(s) or waterbody(ies) to which the regulated Small MS4 discharges and a list of impaired waterbody(s) which receive stormwater from the Regulated Small MS4 (attach additional sheets as necessary):		**Waterbodies discharged to:** Piscataqqua River, Sturgeon Creek, Spinney Creek, Stacy Creek, Great Creek, Adlington Creek, Shorey's Brook. **Impaired waterbodies: Piscataqua** River (impaired for Nitrogen/Eutrophication Biological Indicators.)			

I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certity that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement knowingly made in the submitted information may be punishable as a criminal offense, in accordance with Maine General Statutes.

I certify that this permit registration is on complete and accurate forms as prescribed by the Department without alteration of the text.

I also certify under penalty of law that I have read and understand all requirements of the General Permit. I certify that all requirements for authorization under the general permit are met and that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit for the municipality. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowingly making false statements.

Signature of chief elected official or principal executive officer:		**Date:**	7-8-13

This NOI registration form must be filed with the Department at the following address:
Stormwater Coordinator
Maine Department of Environmental Protection
Bureau of Land & Water Quality
17 State House Station
Augusta ME 04333-0017

OFFICE USE ONLY	Ck.#		Staff	Staff	
NOI #	FP	Date	Acc. Date	Def. Date	After Photos

NOTICE OF INTENT TO COMPLY WITH MAINE GENERAL PERMIT FOR THE DISCHARGE OF STORMWATER FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS

PLEASE TYPE OR PRINT IN *BLACK INK ONLY*

Municipality:	Town of Kittery	**Mailing Address:**	200 Rogers Road		
Town/City:	Kittery	**State:**	ME	**Zip Code:**	03904
Name and title of chief elected official or principal executive officer:	Maryann Place – Acting Town Manager	**Mailing Address:**	200 Rogers Road		
Town/City:	Kittery	**State:**	ME	**Zip Code:**	03904
Name of primary contact person responsible for MS4 stormwater management program:	Jessa Kellogg	**Mailing Address:**	200 Rogers Road		
Town/City:	Kittery	**State:**	ME	**Zip Code:**	03904
Daytime phone: (with area code)	(207) 439-0333	**Email if available:**	jkellogg@kitteryme.org		
Estimate of the area in square miles of the Urbanized Area:	6.4 square miles	**Permit Number(if applicable):**	MER041013		
Name of stream(s), wetland(s) or waterbody(ies) to which the regulated Small MS4 discharges and a list of impaired waterbody(s) which receive stormwater from the Regulated Small MS4 (attach additional sheets as necessary):					
All waters – Piscataqua River, Spruce Creek, Chauncey Creek, Barters Creek, Libby Brook					
Impaired waters – Piscataqua River Estuary (812-2) and Portsouth Harbor (812-3) for Nutrients					

I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certity that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement knowingly made in the submitted information may be punishable as a criminal offense, in accordance with Maine General Statutes.

I certify that this permit registration is on complete and accurate forms as prescribed by the Department without alteration of the text.

I also certify under penalty of law that I have read and understand all requirements of the General Permit. I certify that all requirements for authorization under the general permit are met and that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit for the municipality. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowingly making false statements.

Signature of chief elected official or principal executive officer:	Maryann Place	**Date:**	7/18/13

This NOI registration form must be filed with the Department at the following address:
Stormwater Coordinator
Maine Department of Environmental Protection
Bureau of Land & Water Quality
17 State House Station
Augusta ME 04333-0017

OFFICE USE ONLY	Ck.#		Staff	Staff	
NOI #	FP	Date	Acc. Date	Def. Date	After Photos

NOTICE OF INTENT TO COMPLY WITH MAINE GENERAL PERMIT FOR THE DISCHARGE OF STORMWATER FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS

PLEASE TYPE OR PRINT IN *BLACK INK ONLY*

Municipality:	**South Berwick**	**Mailing Address:**	**180 Main Street**		
Town/City:	**South Berwick**	**State:**	**Maine**	**Zip Code:**	**03908**
Name and title of chief elected official or principal executive officer:	**Perry Ellsworth**	**Mailing Address:**	**same**		
Town/City:		**State:**		**Zip Code:**	
Name of primary contact person responsible for MS4 stormwater management program:	**Jon St. Pierre**	**Mailing Address:**	**same**		
Town/City:		**State:**		**Zip Code:**	
Daytime phone: (with area code)	**207-384-3300 X117**	**Email if available:**	jstpierre@sbmaine.us		
Estimate of the area in square miles of the Urbanized Area:	**4.4**	**Permit Number(if applicable):**	MER041014		
Name of stream(s), wetland(s) or waterbody(ies) to which the regulated Small MS4 discharges and a list of impaired waterbody(s) which receive stormwater from the Regulated Small MS4 (attach additional sheets as necessary):					
Shoreys Brook, Quamphegan Brook, Lord Brook, Piscataqua River, Great Works River, Driscoll Brook, Salmon Falls River, Lovers Brook					
Only the Salmon Falls and Piscataqua are listed as impared with TMDL documents prepared in 1999.					

I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certity that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement knowingly made in the submitted information may be punishable as a criminal offense, in accordance with Maine General Statutes.

I certify that this permit registration is on complete and accurate forms as prescribed by the Department without alteration of the text.

I also certify under penalty of law that I have read and understand all requirements of the General Permit. I certify that all requirements for authorization under the general permit are met and that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit for the municipality. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowingly making false statements.

Signature of chief elected official or principal executive officer:	Perry A Ellsworth	**Date:**	7/10/2013

This NOI registration form must be filed with the Department at the following address:
Stormwater Coordinator
Maine Department of Environmental Protection
Bureau of Land & Water Quality
17 State House Station
Augusta ME 04333-0017

OFFICE USE ONLY	Ck.#		Staff	Staff	
NOI #	FP	Date	Acc. Date	Def. Date	After Photos

NOTICE OF INTENT TO COMPLY WITH MAINE GENERAL PERMIT FOR THE DISCHARGE OF STORMWATER FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS

PLEASE TYPE OR PRINT IN *BLACK INK ONLY*

Municipality:	Town of York	Mailing Address:	186 York Street		
Town/City:	York	State:	Maine	Zip Code:	03909
Name and title of chief elected official or principal executive officer:	Robert G. Yandow, Town Manager	Mailing Address:	186 York Street		
Town/City:	York	State:	Maine	Zip Code:	03909
Name of primary contact person responsible for MS4 stormwater management program:	Leslie Hinz	Mailing Address:	186 York Street		
Town/City:	York	State:	Maine	Zip Code:	03909
Daytime phone: (with area code)	207-363-1002	Email if available:	lhinz@yorkmaine.org		
Estimate of the area in square miles of the Urbanized Area:	8.5	Permit Number(if applicable):	MER041029		
Name of stream(s), wetland(s) or waterbody(ies) to which the regulated Small MS4 discharges and a list of impaired waterbody(s) which receive stormwater from the Regulated Small MS4 (attach additional sheets as necessary):	York River and Harbor, Barrells Millpond, Cape Neddick River and Harbor, Little River, Dolly Gordon Brook, Bridges Swamp, Cider Hill Creek, Cefalo Swamp,				
Blaisdell Pond, Bragdon Island, Johnson Brook, Southside Brook, Bass Cove Creek, North Basin, Prebble Brook,					
and Bridges Ice Pond (historical).					

I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certity that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement knowingly made in the submitted information may be punishable as a criminal offense, in accordance with Maine General Statutes.

I certify that this permit registration is on complete and accurate forms as prescribed by the Department without alteration of the text.

I also certify under penalty of law that I have read and understand all requirements of the General Permit. I certify that all requirements for authorization under the general permit are met and that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit for the municipality. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowingly making false statements.

Signature of chief elected official or principal executive officer:	Robert G. Yandow	**Date:**	July 29, 2013

This NOI registration form must be filed with the Department at the following address:
Stormwater Coordinator
Maine Department of Environmental Protection
Bureau of Land & Water Quality
17 State House Station
Augusta ME 04333-0017

OFFICE USE ONLY	Ck.#		Staff	Staff	
NOI #	FP	Date	Acc. Date	Def. Date	After Photos

APPENDIX C

STATEWIDE BACTERIA TMDL CONSISTENCY EVALUATION

STATEWIDE BACTERIA TMDL CONSISTENCY EVALUATION

The following is a summary of the BMPs contained in the York County MS4 Stormwater Program Management Plan that are consistent with the Statewide Bacteria Total Maximum Daily Load (TMDL) document for the following waters:

Piscataqua River (Department of Marine Resources Area 1), which affects Kittery, Eliot and S. Berwick
Spruce Creek, Barters Creek, Chauncey Creek (DMR Area 2A) which affects Kittery
York River, York Harbor, Barrells Millpond (DMR Area 3) which affects York
Little River at Atlantic Ocean, and Cape Neddick River (DMR Area 4) which affects York

BMP	Measurable Goal	Consistency Discussion
BMP 3.1-Maintain an updated Watershed Based Storm Sewer System Infrastructure Map	The towns will maintain their maps of the stormwater infrastructure.	This BMP is important so the towns maintain an accurate understanding of the infrastructure in the watersheds.
BMP 3.3 - Implement Dry Weather Outfall Inspection Program	Measurable Goal 3.3.1 – The towns will conduct dry weather outfall inspections in the watersheds for each of the areas listed.	The TMDL document identifies that illicit discharges should be investigated and eliminated.
BMP 3.4: Continue Open Ditch Illicit Discharge Program	Measurable Goal 3.4.1 – The towns will implement a strategy to detect illicit discharges in their open ditch system within these watersheds.	The TMDL document identifies that illicit discharges should be investigated and eliminated.
BMP 3.5: Document and Evaluate Aging Septic Systems	Measurable Goal 3.5.1 – By June 30, 2016, the towns will develop a list of aging (i.e., greater than 20 years old) septic systems in these watersheds that might discharge to the MS4 if they were to fail. Measurable Goal 3.5.2 – By June 30, 2017, the towns will implement a drive-by evaluation and documentation program of the aging septic systems identified in Measurable Goal 3.5.1. The program will include a mechanism to address any discharges from failed septic systems.	The TMDL document identifies that illicit discharges should be investigated and eliminated.
BMP 3.7: Work with Department of Marine Resources to address Bacteria Impairments	Measurable Goal 3.7.1 – By June 30, 2014, the towns of Kittery, Eliot, South Berwick and York will meet with the Department of Marine	The TMDL recommends moving forward to correct the impairments in a cooperative fashion.

	Resources to review the data associated with Bacteria impairments as shown in Table 1 of this plan. The purpose of the meeting will be to gain an understanding of what the DMR is doing to address the impairment, share what the towns are doing to address the impairment, and develop plans to move forward in addressing impairments in a cooperative fashion.	

APPENDIX D

MUNICIPAL CERTIFICATIONS OF PLANS

General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems

Certificate for Stormwater Program Management Plan
(July 1, 2013 – June 30, 2018)

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, 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.

Authorized Representative for the municipality of ELIOT:

Name: Daniel J Blanchette Date: 12/19/13

Title: ADMINISTRATIVE ASSISTANT TO THE BOARD OF SELECTMEN

General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems

Certificate for Stormwater Program Management Plan (July 1, 2013 – June 30, 2018)

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, 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.

Authorized Representative for the municipality of Berwick:

Name: [illegible] Date: 11/19/13

Title: Town Manager

General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems

Certificate for Stormwater Program Management Plan
(July 1, 2013 – June 30, 2018)

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, 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.

Authorized Representative for the municipality of York:

Name: Robert B. Gardner Date: 11.18.13

Title: Town Manager

General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems

Certificate for Stormwater Program Management Plan
(July 1, 2013 – June 30, 2018)

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, 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.

Authorized Representative for the municipality of South Berwick

Name: Perry A Ellsworth Date: 12-17-2013

Title: Town Manager

General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems

Certificate for Stormwater Program Management Plan (July 1, 2013 – June 30, 2018)

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, 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.

Authorized Representative for the municipality of KITTERY :

Name: Nancy A. Colwell Date: 12/18/13

Title: TOWN MANAGER