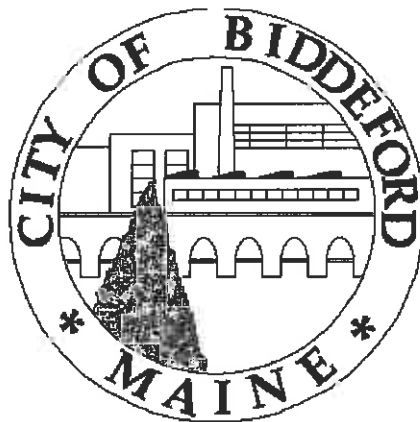


**STORMWATER
PROGRAM MANAGEMENT PLAN**

FOR THE

CITY OF BIDDEFORD, MAINE



Date: December 6, 2013

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SECTION 1 INTRODUCTION

Section 1.1 Overview of Regulatory Program

This Municipal Separate Storm Sewer System General Permit, hereinafter described as the General Permit, authorizes the direct discharge of stormwater from a regulated small municipal separate storm sewer system (“MS4”) to a MS4 or waters of the State other than groundwater, provided that the MS4 is located in an Urbanized Area as determined by the inclusive sum of the 2000 and 2010 Decennial Census by the Bureau of Census. Small MS4s are those entities which meet the definition in 40 CFR Part 122.26(b)(16). Regulated small MS4s are those entities required pursuant to 40 CFR 122.26(a)(9)(i)(A) to obtain stormwater permit coverage to operate their small MS4. Discharges from regulated small MS4s must meet the requirements of this General Permit and applicable provisions of Maine's waste discharge and water classification statutes and rules. Compliance with this General Permit authorizes a person to discharge stormwater, pursuant to Water Pollution Control Law, 38 M.R.S.A. § 413, as described below. Discharges listed in Part I(D)(2-6) are excluded from coverage under this General Permit. Unless otherwise explicitly noted, this permit only covers operations or activities associated with stormwater runoff from the regulated small MS4 within an identified Urbanized Area.

This General Permit is effective July 1, 2013, and, except as provided in Continuation of General Permit Coverage (Part I, Section C), authorization to discharge under this General Permit expires at midnight June 30, 2018. This General Permit replaces Maine's General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems issued July 1, 2008

1.1.1 Stormwater Program Management Plan

The permittee shall develop, implement, and enforce a Stormwater Program Management Plan (“Plan”) implementing six minimum control measures, set forth below, which are designed to reduce the discharge of pollutants from its regulated small MS4 to the maximum extent practicable, to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act. For the purposes of this permit, narrative effluent limitations requiring implementation of BMPs are generally the most appropriate form of effluent limitations when designed to satisfy technology requirements (including reductions of pollutants to the MEP) and to protect water quality. The Plan and all Minimum Control Measures must be substantially implemented by June 30, 2018.

The permittee shall describe in its Stormwater Program Management Plan how it will reduce or eliminate polluted stormwater runoff to the maximum extent practicable, from its regulated MS4. The Stormwater Program Management Plan must be signed in accordance with the signatory requirements in Part III (D)(2). Upon receipt of the NOI and Stormwater Program Management Plan, the Department shall post the NOIs and “Plans” on the Department's website to provide public notice.

1.1.2 Minimum Control Measures (MCM's)

The General Permit requires that for each MCM, the permittee shall: define appropriate best management practices (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 Minimum Control Measures to be included in the Plan are as follows:

- Public education and outreach on stormwater impacts
- Public involvement and participation
- Illicit discharge detection and elimination
- Construction site stormwater runoff control
- Post-construction stormwater management in new development and redevelopment
- Pollution prevention/good housekeeping for municipal operations

1.1.3 Evaluation and Assessment

As specified in the General Permit, the permittee shall evaluate program compliance, the appropriateness of identified best management practices, and progress towards achieving identified measurable goals.

1.1.4 Annual Reporting and Record Keeping

The permittee shall keep records required by the permit for at least three (3) years following its expiration, or longer if requested by the Commissioner. The permittee shall make records, including its Stormwater Program Management Plan, available to the public at reasonable times during regular business hours.

By September 15, 2014 and annually thereafter by September 15, the permittee shall submit a report for the Department's review and approval 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 permittee's Plan, an assessment of the appropriateness of identified best management practices, progress towards achieving identified measurable goals for each of the Minimum Control Measures, and progress toward achieving to goal of reducing the discharge of pollutants to the MEP.
- b. Results 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 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 minimum control measures #1 through #6 (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 permittee's good housekeeping/pollution prevention program.

Changes to the report based on the Department's review comment(s) must be submitted to the Department within 60 days of the receipt of the comment(s). If possible, the permittee will provide an estimate of annual expenditures for permit compliance for the reporting period and projected budget for the following year.

1.1.5 Impaired Waters and Total Maximum Daily Load (TMDL)

If the waterbody to which a discharge drains is impaired and has an EPA approved TMDL, then the discharge must be consistent with the TMDL waste load allocation and any implementation plan. If a TMDL is approved or modified by EPA subsequent to the effective date of this General Permit, the Department shall notify the permittee and may:

1. Require the permittee to review its Plan for consistency with the TMDL, and propose any necessary modification to the Plan to be submitted to the Department within six months of the receipt of notification concerning the TMDL;
2. Issue a watershed-specific General Permit for the area draining to the impaired waterbody. The watershed-specific MS4 General Permit may reference parts of this General Permit; or
3. Require an individual permit.

Section 1.2 Basis of Plan Development

This Stormwater Program Management Plan was developed in accordance with the requirements of the General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems, which was issued by the Maine Department of Environmental Protection (DEP) on July 1, 2013. Per the General Permit, implementation of the six MCMs is required only within the urbanized area, Urbanized Area as determined by the inclusive sum of the 2000 and 2010 Decennial Census by the Bureau of Census, of the regulated small MS4.

SECTION 2 REGULATED MS4 INFORMATION

Section 2.1 Location Maps

The location map for the permittee is included as Figure 2.2.

Section 2.2 Urbanized Area Map

The urbanized area map was developed from the U.S. Census Bureau Census 2010 Urbanized Area, and is included as Figure 2.3.

Section 2.3 Priority Watersheds

The City's highest priority watershed is the Thatcher Brook Watershed. The City has chosen to focus on this watershed, including but not limited to the following reasons:

- 1) The coverage area of the Thatcher Brook Watershed being a large portion of the urbanized area.
- 2) Land use mixed density (single family, business & industry)
- 3) Complexity of the watershed's hydrography and underground sewer & storm systems
- 4) The City is conducting a majority of its CSO abatement work within this watershed.
- 5) The MeDEP has conducted initial watershed work/monitoring in portions of this area and has indicated that additional focus should be placed on this watershed.
- 6) We have partnered with EPA & MDEP on a Thatcher Brook Watershed Management Plan to better understand the watershed and how to improve and protect it.

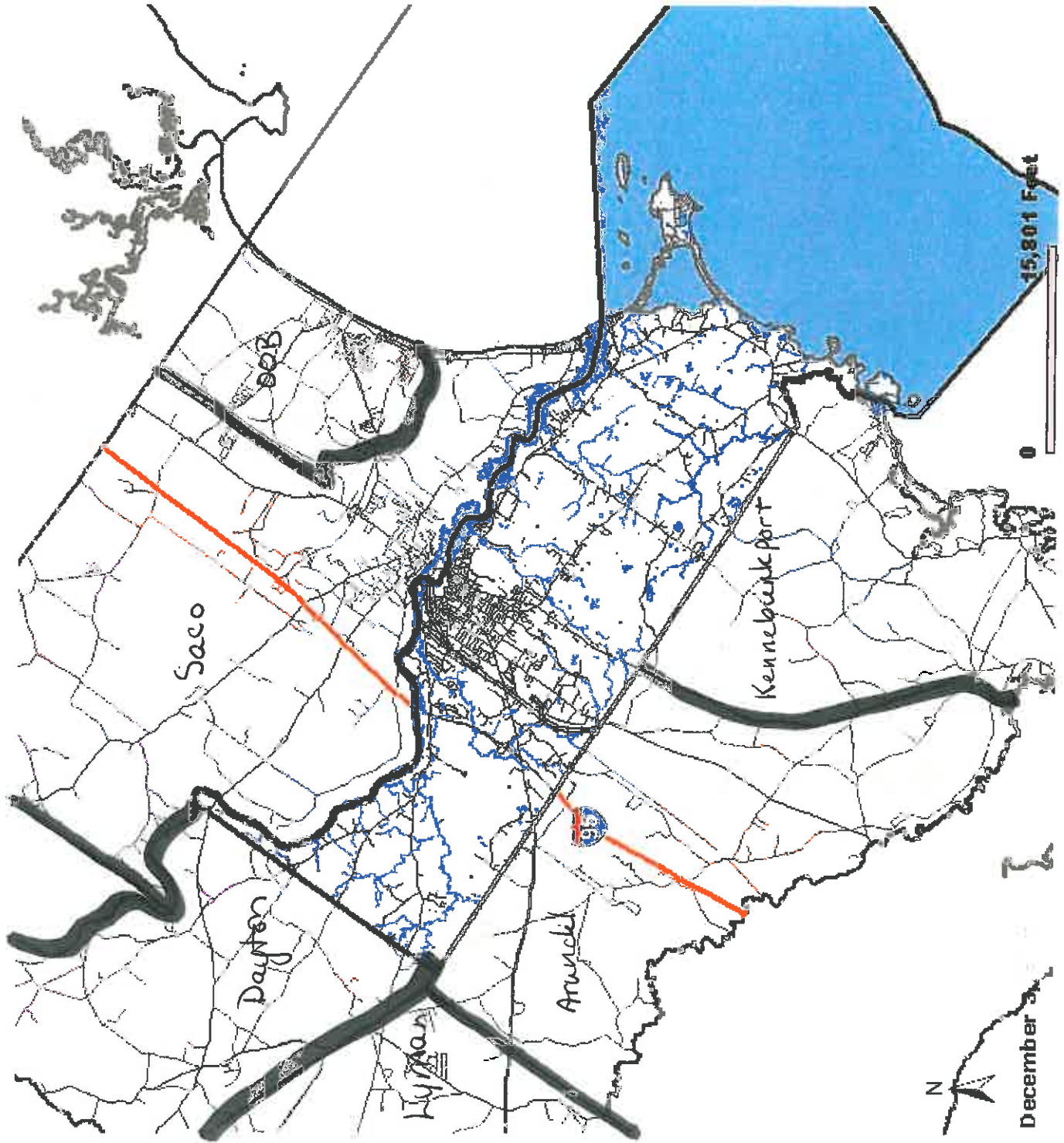
The City's second highest priority watershed is the West Brook Watershed. If time and resources permit, the City hopes to implement additional measures within West Brook, as long as the City reaches its goals pertaining to the Thatcher Brook Watershed.



City of Biddeford
Location Map

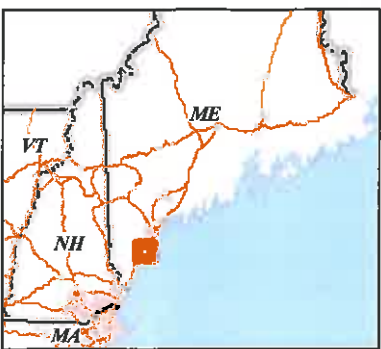
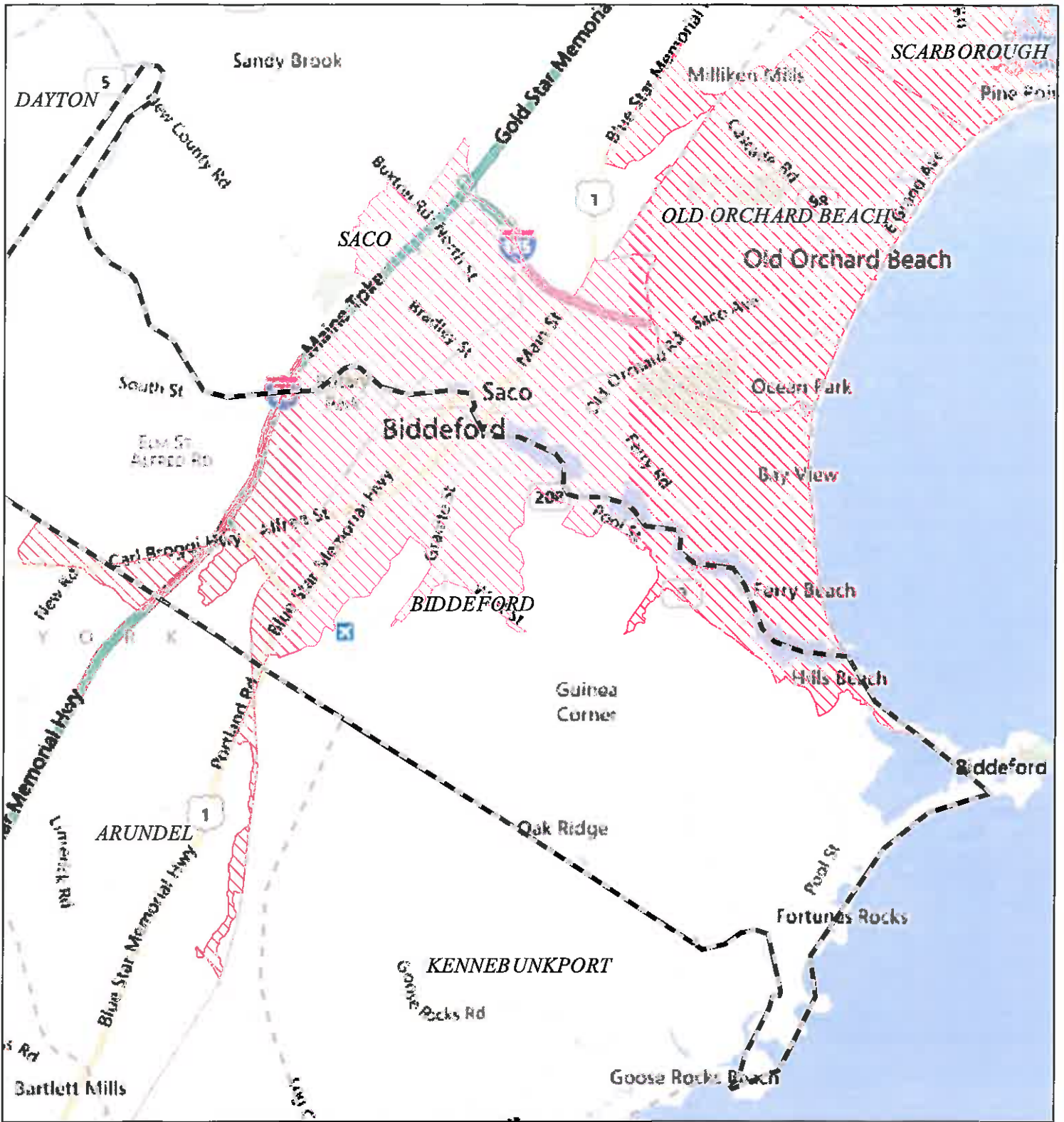
Figure 2.2

Locus Map



December 31, 2011

Disclaimer
City of Biddeford, ME makes no warranty or representation as to the accuracy, timeliness or completeness of any of the data. The City of



**NPDES Phase II Stormwater Program
Automatically Designated MS4 Areas**

Biddeford ME

 Regulated Area (2000 + 2010 Urbanized Area)

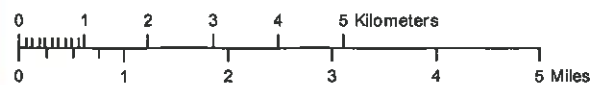


FIGURE 2.3

Town Population: **21057**
Regulated Population: **17187**
(Populations estimated from 2010 Census)



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

SECTION E MINIMUM CONTROL MEASURES

MCM 1 Public Education and Outreach

The permittee will fulfill the requirements for Public Education and Outreach through participation in the Interlocal Stormwater Working Group (ISWG) and the permittee's provision of funding to the ISWG for Public Education and Outreach services, as described in this section of the plan.

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 - Continue Awareness Outreach Efforts.

Measurable Goal 1.1.1 – In Permit Year 1, the ISWG will implement awareness activities outlined in the revised Statewide Awareness Plan. Activities include:

- Maintain a link to www.thinkbluemaine.org on municipal website;
- Participate in a statewide media campaign to include 12 months of television advertisements and 12 months of online advertisements that direct to www.thinkbluemaine.org; and
- Promote their approved public event.

BMP 1.2 – Update and implement Stormwater Awareness Plan.

Measureable Goal 1.2.1 – By December 2, 2013 submit a 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 1.2.2 – 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.

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 Party – ISWG Stormwater Program Coordinator (implementation) and City Engineer

Overall schedule for raising awareness of stormwater will be included as part of the Stormwater Awareness Plan.

BMP 1.3 – Develop and implement Stormwater Awareness Plan.

Measureable Goal 1.3.1 – By January 6, 2014 submit a Permit Awareness Plan to raise awareness of stormwater issues including MS4 permit requirements from 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 1.3.2 – Unless DEP responds in writing or verbally otherwise, then as of March 1, 2014 the Permit Awareness Plan is considered approved and implementation of the Permit Awareness Plan will begin within one week of approval.

Reporting: review of Permit Awareness Plan will be included in every Annual Report. The review will include process and impact indicators as outlined in the Permit Awareness Plan. In permit year five an analysis of the process and impact indicators of the Permit Awareness Plan will be provided.

Responsible Party – ISWG Stormwater Program Coordinator (implementation) and City Engineer

Overall schedule for raising awareness of the permit will be included as part of the Permit Awareness Plan.

BMP 1.4 - Continue Targeted Best Management Practices Adoption efforts from previous MS4 permit cycle.

Measurable Goal 1.4.1 – In Permit Year 1, the ISWG will continue BMP adoption activities carried out in permit year 5 of the BMP Adoption Plan. Activities include:

- Providing a minimum of six adult education classes throughout the ISWG region per year;
- Work with a minimum of 21 retail locations to provide healthy lawn care education to consumers;
- Maintain the YardScaping website hosted on CCSWCD's website; and
- Provide information to targeted neighborhoods via direct mail, neighborhood canvassing, socials or other means.

BMP 1.5 – Update and implement BMP Adoption Plan

Measurable Goal 1.5.1 – By November 1, 2013 submit a 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 1.5.2 – 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.

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 party - ISWG Stormwater Program Coordinator (implementation) and City Engineer

Overall schedule for BMP adoption will be included in the BMP Adoption Plan.

BMP 1.6 – Develop and implement Targeted Outreach in Priority Watershed Plan.

Measurable Goal 1.6.1 – 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) Identify 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 1.6.2 – 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.

Reporting: review of Targeted Outreach in Priority Watershed Plan will be included in Annual Reports starting in permit year two. 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 Party – ISWG Stormwater Program Coordinator (implementation) and City Engineer

Overall schedule for targeted outreach in priority watershed will be included as part of the Targeted Outreach in Priority Watershed Plan.

BMP 1.7 –School Outreach

Measurable Goal 1.7.1 – In Permit Year 1, continue the incorporation and implementation of “It’s all connected” school curriculum in elementary and/or middle schools.

Measurable Goal 1.7.2 – In Permit Years 2 - 5, as funding permits, continue the incorporation and implementation of “It’s all connected” school curriculum in elementary and/or middle schools.

Reporting – Annual reports will include the total number of students reached, which schools were involved and the lesson topics that were covered.

Responsible party - ISWG Stormwater Program Coordinator (implementation) and City Engineer

MCM 2 PUBLIC INVOLVEMENT AND PARTIPATION

The permittee will fulfill the requirements for Public Involvement and Participation through participation in the Interlocal Stormwater Working Group (ISWG) and the permittee’s provision of funding to the ISWG for Public Involvement and Participation services, or through directly fulfilling the requirements, as described in this section of the plan.

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

Measureable Goal 2.1.1 – ISWG and/or its members will follow state and local Public Notice requirements for both ISWG and individual Stormwater Management Plans. Copies of the plans will be made available on the Maine DEP web site.

Measureable Goal 2.1.2 – ISWG and/or its members will follow state and local Public Notice requirements when involving stakeholders in the implementation of the Small MS4 General Permit.

Report – The annual report will describe compliance with public notice requirements including documentation of meetings and attendance, where applicable.

Responsible party – ISWG Stormwater Program Coordinator (implementation) and City Engineer

BMP 2.2 - Host Public Events

Measurable Goal 2.2.1 – ISWG and/or permittee will annually host/conduct or participate in at least one public event such as storm drain stenciling, stream clean-up, household hazardous waste collection day, volunteer monitoring, neighborhood educational events, conservation commission outreach program, Urban Impaired Stream outreach program, or adopt a storm drain or local stream program). The target audience will be adult residents living in the Urbanized Area of the City of Biddeford. The message will be tailored to best reach the target audience given the characteristics of the public event. The ISWG and/or permittee will consult with DEP to ensure the event will satisfy requirements.

Reporting - The annual report will include description of the event including estimated attendance/participation and an impact evaluation to assess effectiveness of the methods used to plan and host the event.

Responsible Party: ISWG Stormwater Program Coordinator (implementation) and City Engineer

BMP 2.3 – Additional Best Management Practices

1. Household Hazardous Waste Collection

- a. The City will continue to offer a minimum of 3 collection events a year for household hazardous wastes. Additionally, we accept Universal Waste seven days a week year round. This includes CRTS, TVs & electronics.
- b. Reporting: The annual report will include description of the household hazardous waste program and information regarding the amount of such waste collected by the City each year.
- c. Responsible party: Public Works Department

2. Leaf Collection

- a. The City will continue free curbside leaf collection to its residents in the fall annually. Residents may also drop off leaves and may dispose of yard waste and brush at the Public Work Facility at no charge.

MCM 3 Illicit Discharge Detection and Elimination

MCM Goals

1. Keep current watershed based storm sewer system infrastructure map;
2. Enforce a non-stormwater discharge ordinance;
3. Implement a prioritized dry weather outfall inspection plan; and
4. Develop and implement a strategy to detect any illicit discharges to the open ditch system within each MS4's highest priority watershed.

For specific permit requirements and suggestions, refer to MDEP's General Permit for the Discharge of Stormwater from Small Municipal or State or Federally Owned Municipal Separate Storm Sewer Systems Part IV(H)(3). This BMP will also include coordination with the Water District regarding water line and hydrant flushing to determine if either is a significant contributor of pollutants to the MS4.

BMP 3.1 – Keep Current a watershed based storm sewer system infrastructure map.

Measureable Goal 3.1 - Continue to keep map(s) current and ensure that maps are reviewed for any updates at least annually.

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

Responsible Party – City Stormwater Coordinator/GIS

BMP 3.2 – Implement non-stormwater discharge ordinance.

Measureable Goal 3.2.1 – Permittees subject to the 2008 MS4 General Permit shall to the extent allowable under State or local law, continue to implement, and provide annual reporting of the permittee's non-stormwater discharge ordinance that effectively prohibits, unauthorized non-stormwater discharges into the permittee's storm sewer system

Measureable Goal 3.2.2 - In Permit Year 1, coordinate with the Water District 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 District with a location map showing the extent of the municipal urbanized area, and the highest priority watershed(s).
- Gather information from the Water District, 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.

Measureable Goal 3.2.3 - 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 City will work with the Water District 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 City 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 District's testing results of the total residual chlorine for any such discharges.

Measurable Goal 3.2.4 - Permit Years 3 – 5, the City 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 District's testing results of the total residual chlorine for any such discharges.

Measurable Goal 3.2.5 - 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 District has demonstrated that it will not voluntarily implement BMPs in order to reach ambient water quality criteria for chlorine, the City 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 Party: City Stormwater Coordinator

BMP 3.3 – Implement dry weather outfall inspection program.

Measurable Goal 3.3.1 - Continue to implement prioritized dry weather outfall inspection plan based on drainage areas based on a watershed or sub-watershed that the permittee has identified as being a priority watershed.

Measurable Goal 3.3.2 – The City shall revise the highest priority sub-watershed outfall inspection plan and continue conducting dry weather inspections in different watersheds or sub-watersheds as approved by the Department and evaluate discharges for illicit connections.

Measurable Goal 3.3.3 - Shall continue to implement an open ditch illicit discharge/illicit connection detection program based upon a schedule approved by the Department.

Measurable Goal 3.3.4 - By June 30, 2016, each permittee shall develop a list of septic systems in its highest priority watershed that are 20 years old or greater and which may discharge to the MS4 if the system fails.

Measurable Goal 3.3.5 - By June 30, 2017, each permittee shall implement a drive-by evaluation and documentation program of septic systems in its highest priority watershed that are 20 years old or greater and which have the potential to discharge into the MS4. This septic system inspection and documentation program must include a mechanism for addressing any discharges to the MS4 from malfunctioning septic systems.

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

Responsible Party: City Stormwater Coordinator

MCM 4 Construction Site Stormwater Runoff Control

Goals

Develop, 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 MDEP's General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems Part IV(H)(4).

Per General Permit Part IV(H)(4a.), the permittee will rely on the Maine Construction General Permit or Chapter 500, Stormwater Management.

BMP 4.1: 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 –Continue notification procedures currently in place using the Code Enforcement/Planning Board Permit process.

BMP 4.2 – Develop and implement a mechanism to annually document every construction activity that disturb one or more acres within the Urbanized Area.

Measurable Goal 4.2.1 – Continue updating the tracking system to record every activity that disturbs one or more acres. Note: this system must track and differentiate construction activities within UIS watersheds; the priority watershed(s) and all other watersheds. The system will be used to summarize data to be included in annual reports submitted to the DEP.

BMP 4.3 – Develop and implement a construction site inspection program.

Measurable Goal 4.3.1 – In a UIS watershed and in permittee's highest priority watershed, inspect the construction activity at least three times with one inspection at project completion to ensure that all post construction BMPs were properly installed, and that final stabilization of the site has been completed. All construction inspections must be properly documented. For other watersheds, inspect the construction activity a minimum of twice, with one inspection at project completion to ensure that all post construction BMPs were properly installed, and that final stabilization of the site has been completed.

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

Responsible party – City Stormwater Coordinator

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

Goals (within the Urbanized Area)

- Continue implementing and enforcing our 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 permittee's MS4;
- Enforce the ordinance 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 MDEP all applicable post-construction related information.

For specific permit requirements and suggestions, refer to MDEP's General Permit for the Discharge of Stormwater from Small Municipal or State or Federally Owned Municipal Separate Storm Sewer Systems Part IV(H)(5).

BMP 5.1 – Implement ordinance or similar measure

Measurable Goal 5.1.- Implement the post construction ordinance.

Reporting – Status of implementation of ordinance or similar measure will be provided in the annual report.

Responsible Party: City Stormwater Coordinator

BMP 5.2 – Continued implementation of the inspection program for post-construction BMPs for which the owner or operator has not hired a qualified third party inspector, and which are located in the direct watershed of a lake most at risk from new development or in watersheds of an urban impaired stream.

Measurable Goal 5.2.1 – Continued implementation of the inspection program.

Measurable Goal 5.2.2 – Each permittee shall annually inspect a percentage of post construction BMPs located in the direct watershed of a lake most at risk from new development or in watersheds of an urban impaired stream.

Measurable Goal 5.2.3 - Develop and implement a procedure for notifying site developers to consider incorporating low impact development techniques.

Reporting - Documentation of all inspections will be entered into a database management system or other recordkeeping system for tracking and annual reporting to DEP.

Information to be collected includes:

- 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.

1-10 post construction sites: inspect at least one site, or 40% (whichever is greater)

11-30 post construction sites: inspect at least four sites, or 30% (whichever is greater)

31-60 post construction sites: inspect at least nine sites, or 25% (whichever is greater)

61-100 post construction sites: inspect at least fifteen sites, or 20% (whichever is greater)

101-160 post construction sites: inspect at least twenty sites, or 17% (whichever is greater)

Over 160 post construction sites: inspect at least twenty seven sites, or 11% (whichever is greater)

Responsible Party: City Stormwater Coordinator

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 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.
- Continue to implement written operation and maintenance procedures for its highest priority watershed that includes maintenance schedules and inspection procedures to ensure long term operation of structural and non-structural controls that reduce stormwater pollution to the maximum extent practicable.
- Continue to implement operation and maintenance procedures for the remaining watersheds within the Urbanized Area.
- Prevent the accumulation of sediment by developing a program to sweep all publicly accepted paved streets and publicly owned paved parking lots as well as cleaning catch basins and other stormwater structures.
- Implement the SWPPP which outlines sources of potential stormwater pollutants and the methods by which these pollutants will be reduced or prevented from entering Waters of the State.

For specific permit requirements and suggestions, refer to MDEP's General Permit for the Discharge of Stormwater from Small Municipal or State or Federally Owned Municipal Separate Storm Sewer Systems Part IV(H)(6).

BMP 6.1 Operations at municipally owned grounds and facilities.

Measurable Goal 6.1.1 – Continue to maintain inventory of properties, facilities and activities, and continue implementation of their operation and maintenance plans.

O & M plans will be kept at facilities.

These procedures must address as applicable:

- Proper use, storage and disposal of petroleum and non-petroleum products, hazardous materials, waste materials, pesticides and fertilizers including minimizing the use of these products, and an alternative product analysis;
- Spill response and prevention;
- Vehicle and equipment storage, maintenance and fueling;
- Amount and type(s) of deicing materials used each deicing season
- Landscaping and lawn care including, where applicable, an evaluation of reduced mowing frequencies, establishing and maintaining buffers, cutting vegetation within 100 feet of a stormwater conveyance or surface water;
- Erosion and sedimentation control;
- Feeding gulls, waterfowl or other wildlife.

Reporting - Annual reports to DEP each year of the permit will include a status report on the implementation.

Responsible Party: City Stormwater Coordinator

BMP 6.2 Municipal employee training.

Measurable Goal 6.2.1 –Continued implementation of municipal employee training programs focused to reduce stormwater pollution potential from municipal operations. Topics covered by the training program may include, but not be limited to:

- a. Maintenance activities, maintenance schedules, and long-term inspection procedures for structural and non-structural stormwater controls to reduce pollutants discharged from the separate storm sewers.
- b. Controls for reducing or eliminating the discharge of pollutants into the separate storm sewers from streets, roads, highways, municipal parking lots, maintenance and storage yards, fleet or maintenance shops with outdoor storage areas, salt/sand storage locations, snow disposal areas, and waste transfer stations. Additionally, reduce/eliminate non-stormwater discharges associated with vehicle washing.
- c. Procedures for disposing of waste removed from the separate storm sewers and areas listed above in accordance with all regulatory requirements (such as dredge spoil, accumulated sediments, floatables, and other debris).
- d. Review SPCC requirements for facilities that have 1320 gallons of oil or oil like material in 55 gallons or larger.

Reporting - Annual reports to DEP each year of the permit will include a status report on the development of the training program, number of employees trained, length of training and the training effectiveness.

Responsible Party: City Stormwater Coordinator

BMP 6.3 Street sweeping.

Measurable Goal 6.3.1 – Each permit year the permittee will continue, or develop and implement, a program to sweep all publicly accepted paved streets and publicly owned paved parking lots maintained by the permittee at least once a year as soon as possible after snowmelt.

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

Responsible Party: Public Works Director

BMP 6.4 Cleaning of stormwater structures including catch basins.

Measurable Goal 6.4.1 – Each permit year the permittee will continue, or develop and implement, a program to evaluate and, if necessary, clean catch basins and other stormwater structures that accumulate sediment at least once every other year and dispose of the removed sediments in accordance with current state law. The permittee 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 of the permit will include a status report on cleaning of stormwater structures.

Responsible Party: Public Works Director

BMP 6.5 Maintenance and upgrading of stormwater conveyances and outfalls.

Measurable Goal 6.5.1 –Evaluate and implement a prioritized schedule, as necessary, for repairing or upgrading the conveyances, structures and outfalls within the MS4.

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

Responsible Party: City Stormwater Coordinator

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

Measurable Goal 6.6.1 - Continue to implement and update SWPPP(s) to ensure it meets Maine's April 26, 2011 MSGP requirements including visual monitoring. The Department shall honor request for technical assistance including on-site technical assistance inspections and SWPPP training

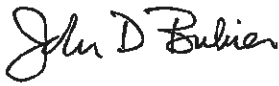
Reporting - Annual reports to DEP each year of the permit will include a status report on the development of the SWPPP's.

Responsible Party: City Stormwater Coordinator

**SECTION 4
GENERAL REQUIREMENTS**

I. Required Signature

"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:  Date: 12/06/13
John Bubier
Title: City Manager phone 207-284-9313
Address 205 Main Street Biddeford, ME 04005
jbubier@biddefordmaine.org

II. Plan Availability

This Plan will be retained by the City's principal executive officer for the duration of the permit period and copies will be available and retained by municipal officials or employees responsible for implementation of the Plan. The City will make a copy of the Plan available to the following immediately upon request:

- A. The Commissioner of the Department;
- B. In the case of a regulated small MS4 adjacent to or interconnected with the City's storm sewer system, to the operator of that regulated small MS4; and
- C. In the case of a regulated small MS4 stormwater discharge to a water supply watershed, to the public water supply company.

III. Contact information

- A. City Engineer – Tom Milligan 207-284-9118 tmilligan@biddefordmaine.org
- B. City Stormwater Coordinator – Jennie Franceschi 207-284-9115
jfranceschi@biddefordmaine.org Address: 205 Main Street Biddeford, ME 04005

APPENDICES

A. 2013 Notice of Intent

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

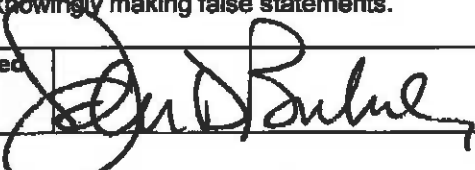
PLEASE TYPE OR PRINT IN BLACK INK ONLY

| | | | | |
|--|--|--------------------------------|------------------------------|-----------------|
| Municipality: | City of Biddeford | Mailing Address: | P O Box 586 | |
| Town/City: | Biddeford | State: | ME | Zip Code: 04005 |
| Name and title of chief elected official or principal executive officer: | John D. Bubler City Manager | Mailing Address: | P O Box 586 | |
| Town/City: | Biddeford | State: | ME | Zip Code: 04005 |
| Name of primary contact person responsible for MS4 stormwater management program: | Thomas Milligan, Jr. PE City Engineer | Mailing Address: | P O Box 586 | |
| Town/City: | Biddeford | State: | ME | Zip Code: 04005 |
| Daytime phone: (with area code) | 207-284-9118 | Email if available: | tmilligan@biddefordmaine.org | |
| Estimate of the area in square miles of the Urbanized Area: | 3.8 +/- | Permit Number (if applicable): | MER041021 | |
| 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): | Thatcher Brook (303d list), Richardson Brook, West Brook, Saco River, Dungeon Brook, Moors Brook, several unnamed small streams tributary to above listed brooks | | | |
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I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and certify 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.

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|---|---|-------|-----------|
| Signature of chief elected official or principal executive officer: |  | Date: | 7/25/2013 |
|---|---|-------|-----------|

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

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