STORMWATER PROGRAM MANAGEMENT PLAN (SPMP)

prepared for

Maine Turnpike Authority

2360 Congress Street
Portland, Maine

prepared by

GZA GeoEnvironmental, Inc.
477 Congress Street, Suite 700
Portland, Maine 04101

File No. 09.0025776.00 Task 1

December 2013

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MAINE TURNPIKE AUTHORITY

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SIGNATURES AND CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons that 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.

Peter Mills — **Date** 12.2.13

Executive Director, Maine Turnpike Authority

Name and Address of MS4 Facility:

Maine Turnpike Authority
2360 Congress Street
Portland, Maine 04102
(207) 871-7771

Technical Contact Persons:

Primary MTA Contact
John M. Branscom
Environmental Coordinator
(207) 871-7771 x 359

Environmental Consultant
Robyn L. Saunders
GZA GeoEnvironmental, Inc.
(207) 358-5114

MPDES Permit* Number: MER043001

Permit Duration: July 1, 2013 through June 30, 2018

*State of Maine Department of Environmental Protection's General Permit for the Discharge of Stormwater from Maine Department of Transportation and Maine Turnpike Authority Municipal Separate Storm Sewer System Facilities

GLOSSARY OF ABBREVIATIONS

BLWQ	Bureau of Land and Water Quality
BMP	Best Management Practice
CGP	Maine Construction General Permit
CWA	Clean Water Act
DEP	Department of Environmental Protection
EPA	Environmental Protection Agency
ESC	Erosion and Sedimentation Control
GZA	GZA GeoEnvironmental, Inc.
IC	Impervious Cover
IDDE	Illicit Discharge Detection and Elimination
ISWG	Interlocal Stormwater Working Group
LID	Low Impact Development
MCM	Minimum Control Measure
MG	Measurable Goal
MaineDOT	Maine Department of Transportation
MOA	Memorandum of Agreement
MEPDES	Maine Pollutant Discharge Elimination System
MM	Mile Marker
MS4	Municipal Separate Storm Sewer
MSGP	Multi-Sector General Permit
MTA	Maine Turnpike Authority
NB	Northbound
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
O&M	Operations and Maintenance
OSHA	Occupational Health and Safety Administration
OSRP	On-Site Responsible Party
PY	Permit Year
ROW	Right of Way
SB	Southbound
SOP	Standard Operating Procedure
SPCC	Spill Prevention, Control and Countermeasures
SPMP	Stormwater Program Management Plan

SWMP	Storm Water Management Plan (2003 MS4 permit cycle)
SWPPP	Storm Water Pollution Prevention Plan
TMDL	Total Maximum Daily Load
UA	Urbanized Area
UIS	Urban Impaired Stream

SECTION I – GENERAL PERMIT INFORMATION

This Stormwater Program Management Plan (SPMP) was developed for, and will be maintained by, the Maine Turnpike Authority (MTA). The primary location of this document is MTA Headquarters at 2360 Congress Street in Portland.

1.0 OVERVIEW OF REGULATORY PROGRAM

On December 8, 1999, the United States Environmental Protection Agency (EPA) published the National Pollutant Discharge Elimination System (NPDES) Regulation for Revision of the Water Pollution Control Program Addressing Storm Water Discharges, which is commonly referred to as the NPDES Phase II Program. State authority was subsequently delegated to the State of Maine Department of Environmental Protection (DEP) in 2003. This document directly addresses the requirements of the NPDES Phase II Program as implemented and administered by the DEP as the regulatory authority for the State of Maine. The NPDES Phase II Program is implemented by the DEP through the issuance of general permits authorizing the discharge of stormwater.

This SPMP has been prepared to meet the requirements for authorization of the State of Maine DEP Bureau of Land and Water Quality's General Permit for the Discharge of Stormwater from Maine Department of Transportation (MaineDOT) and Maine Turnpike Authority (MTA) Municipal Separate Storm Sewer Systems (heretofore referenced as the "General Permit"). DEP originally issued the General Permit on June 3, 2003 and it was subsequently reissued by the Maine Department of Environmental Protection (DEP) on July 1, 2008 and again on July 1, 2013. According to Part I.A of the General Permit, DEP "*authorizes the direct discharge of stormwater from a regulated small municipal separate storm sewer system (MS4) operated by MaineDOT or MTA to a MS4 or waters of the State other than groundwater. Discharges must meet the requirements of the General Permit and applicable provisions of Maine's waste discharge and water classification statutes and rules. Compliance with the General Permit authorizes MaineDOT and MTA to discharge stormwater, pursuant to 38 M.R.S.A. § 413*." The General Permit authorizes direct discharges from "*operations or activities associated with stormwater runoff from the regulated small MS4 within an identified Urbanized Area*[1]" in those parts of Maine for which the Department has received delegated authority under the Federal NPDES program.

The General Permit is effective from July 1, 2013 until midnight June 30, 2018[2] provided that a completed Notice of Intent (NOI) to seek coverage under the General Permit was submitted by the regulated MS4 (hereafter referred to as "permittee") and received by the

[1] Urbanized Area is defined by the inclusive sum of the 2000 decennial census and the latest decennial census (2010) by the U.S. Bureau of the Census.

[2] According to Part I.A of the General Permit, DEP intends subsequent re-issuance of this MS4 permit. Upon reissuance of a new General Permit, the permittee shall submit a new NOI. However, if a new General Permit is not issued prior to the expiration date, coverage shall be administratively continued and remain in force and effect.

DEP prior to July 30, 2013. Upon DEP's receipt of the NOI, interim coverage under the General Permit is authorized for up to 180 days from the effective date of this General Permit or until a complete SPMP is submitted to DEP, at which time the DEP shall provide written notice of coverage to the regulated MS4.

A copy of the General Permit is presented in ***Appendix A***.

2.0 REQUIREMENTS OF REGULATORY PROGRAM

The General Permit establishes the specific requirements that must be met by MaineDOT and MTA in order for continuous authorization to discharge throughout the effective period described in ***Section 1.0*** of this document.

2.1 NOI SUBMISSION

MS4 Permit Part III.A. NOI requirements. *MaineDOT and MTA each shall file with the Department a NOI form that meets the requirements of Part III of this General Permit. The NOI must be submitted no later than July 30, 2013.*

On July 29, 2013, MTA submitted to DEP a completed NOI Form and provided the information requested in Part III.D of the General Permit.

A copy of MTA's NOI submission, including permittee information (e.g., permit number, urban impaired streams and other water bodies, narrative of the roads and drainage ways), is presented in ***Appendix B.***

2.2 STORMWATER PROGRAM MANAGEMENT PLAN

MS4 Permit Part IV.A. Stormwater program management plan. *Each permittee shall develop, implement and enforce a Stormwater Program Management Plan ("Plan") implementing six minimum control measures that are designed to reduce the discharge of pollutants from the transportation entity's 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, 2013*[3]*. The permittee shall describe in its Plan how it will reduce or eliminate polluted stormwater runoff to the maximum extent practicable from its separate storm sewer system within the UA. The permittee shall submit the regulated small MS4's comprehensive Stormwater Program Management Plan for Department review by no later than December 2, 2013.*

[3] Although the MS4 permit states June 30, 2013 here, it is assumed to be an error (i.e., should be June 30, 2018) since MS4 permittees have five years from permit issuance to implement requirements.

This SPMP, including the accompanying tables and figures, has been developed to satisfy the requirements of the General Permit, including descriptions of how MTA will reduce or eliminate polluted stormwater runoff to the maximum extent practicable within the UA. MTA's SPMP, which includes ***Table 1 – SPMP Implementation Schedule***, addresses each of the six Minimum Control Measures (MCMs) by (1) establishing Measurable Goals (MGs) for which BMPs will be evaluated; (2) identifying the MTA staff responsible for implementing each BMP; and (3) establishing a date for BMP implementation, as appropriate.

2.3 URBAN IMPAIRED STREAM STRATEGY

MS4 Permit Part IV.A.1.b. *Additional stormwater treatment controls within the UA are necessary for Urban Impaired Stream watersheds. For discharges from the permittee's infrastructure and operations within the UA, to an Urban Impaired Stream, the permittee shall implement structural and non-structural measures to the maximum extent practicable necessary to control, the discharge of stormwater runoff including known pollutants of concern. Pollutant(s) of concern refer to the pollutant(s) identified as causing or contributing to the waterbody's impairment. Urban runoff may be used as a surrogate pollutant of concern where information is lacking on specific causes of impairment.*

Consistent with previous MS4 permit cycles, MTA continues to consider the two highest priority watersheds within UA to be Hart Brook (also known as Dill Brook) and Goosefare Brook. As specified in Part IV.A.1.b, additional stormwater treatment controls for discharges from MTA infrastructure and operations are required for these two priority watersheds for MTA.

2.4 MINIMUM CONTROL MEASURES (MCMs)

MS4 Permit Part IV H*. Minimum control measures. For each MCM, the permittee shall: 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.*

This SPMP outlines a program of BMPs and MGs for each of the six MCMs:

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; and
6. Pollution prevention and good housekeeping in community/facility operations.

For each of the MCMs, MGs will be used to evaluate the designated BMPs. These MGs have been assigned an implementation schedule and/or milestones for each applicable BMP. As mentioned above, additional stormwater treatment controls within UA for

MTA's two highest priority Urban Impaired Streams are addressed and incorporated into the SPMP. These MCMs are discussed in detail in ***Section II*** and presented as a work plan in ***Table 1*** along with an implementation schedule and identification of the designated MTA personnel responsible for implementing each BMP.

2.5 MAINTAINING AN UPDATED PLAN

MS4 Permit Part IV(B) Keeping Plans Current. *The permittee shall keep the Plan current. Circumstances when the Plan must be amended include the following:*

1. *Amended plan. The Plan must be amended if the Department or the permittee determines that:*
    a. *The actions required by the Plan fail to ensure or adequately protect against pollution of the waters of the State other than groundwater;*
    b. *The Plan does not prevent the potential for a significant contribution of pollutants to waters of the State other than groundwater;*
    c. *The Plan does not meet one or more requirements of this General Permit; or*
    d. *New information results in a shift in the Plan's priorities.*
2. *Department notification. The Department shall notify the permittee if it determines that the Plan must be amended. Within 30 days of such notification, unless otherwise specified by the Department in writing, the permittee shall respond to the Department indicating how the permittee intends to modify the Plan to address these requirements. Within 90 days of this response or within 120 days of the original notification, whichever is less, unless otherwise specified by the Department in writing, the permittee shall revise the Plan. The permittee shall perform all actions required by the revised Plan in accordance with the timelines in the revised Plan, and certify to the Department that the requested changes have been made and implemented.*
3. *Permittee information. The permittee shall provide such information as the Department requires to evaluate the Plan and its implementation. The permittee shall note minor modifications to the Plan in its annual report. Major modifications to the Plan such as a change in the Plan's priorities must be submitted to the Department and approved prior to implementation.*

In the event that one of the circumstances listed above occurs, this SPMP will be amended accordingly. MTA understands that failure to complete or update a SPMP in accordance with this General Permit does not relieve a permittee of responsibility to implement actions required to protect the waters of the State and to comply with all conditions of this General Permit.

2.6 EVALUATION AND ASSESSMENT

MS4 Permit Part IV(D) Evaluation and assessment. *As specifiedin Part IV(J)(1), the permittee shall evaluate program compliance, the appropriateness of identified BMPs, and progress towards achieving identified measurable goals.*

With respect to the requirements of this General Permit, MTA will evaluate the program compliance, appropriateness of BMPs, and the progress towards achieving the MGs of the six MCMs identified in ***Table 1*** as part of the annual reporting requirements.

2.7 PLAN SIGNATURES AND AVAILABILITY

MS4 Permit Part IV(F)(1) Signature. *The Plan must be signed by the chief elected official or principal executive officer. The Plan must be retained by the chief elected official or principal executive officer for the duration of the permit period and copies must be available and retained by permittee's officials or employees responsible for implementation of the Plan.*

This SPMP has been certified in accordance the General Permit. The certification is included on ***Page i***. Copies of the SPMP are retained by the Environmental Services Coordinator.

MS4 Permit Part IV(F)(2) Plan availability. *The permittee shall 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 permittee'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.*

A copy of this SPMP and the associated records are retained at the MTA Headquarters facility. Upon request, a copy of the SPMP will be made available to the following:

- The DEP Commissioner;
- The operator of a host MS4; and
- The public water supply company.

2.8 SHARING RESPONSIBILITY

MS4 Permit Part IV(I)(1)Reliance on another entity. *The permittee may satisfy the requirement to implement a BMP for a MCM by having a third party implement the BMP. If the permittee is relying on a third party to implement one or more BMP(s), the permittee shall note that fact in the Plan and annual report. If the third party fails to implement the BMP(s), the permittee remains responsible for its implementation.*

MTA will identify any BMPs that a third party may be responsible for implementing in the SPMP and subsequent annual reports. MTA understands that failure to implement the BMP by the third party remains the responsibility of the permittee.

MS4 Permit Part IV(I)(2) Qualifying State or Federal Program. *If a BMP or MCM is the responsibility of a third party under another NPDES or MEPDES permit, the permittee is not required to include such BMP or MCM in its stormwater management program. The permittee shall reference this qualifying program in its Plan. The permittee is not responsible for implementation of a qualifying program if the third party fails to perform. The permittee shall periodically confirm that the third party is still implementing this measure. If the third party fails to implement the measure, the Plan may be modified to address the measure, if necessary.*

In the event that a qualifying program is relied upon to implement a BMP, MTA will identify these BMPs in ***Table 1*** in the last column entitled, Responsible Party. MTA

understands that periodic confirmation of BMP implementation with the third party may be necessary.

MS4 Permit Part IV(I)(3) Other MS4 Permittees. *The permittee shall identify interconnections within the regulated MS4s and find ways to cooperate with other regulated entities. These interconnections include both those leaving the system and those entering the system. To the extent allowable under State or local law, the permittee shall cooperate with an interconnected MS4 in instances of discharges impacting a regulated small MS4.*

Although some interconnections to other regulated small MS4s have already been identified to date as part of the previous MS4 permit, MTA will continue to cooperate with host MS4 communities that operate an interconnected MS4 system with MTA, if discharges impact one another.

2.9 ANNUAL REPORTING AND RECORD KEEPING

MS4 Permit Part IV(J) Reporting and record keeping requirements -- 1. *The permittee shall keep records required by this permit for at least three (3) years following its expiration or longer if requested by the Commissioner. The permittee shall make records, including its Plan, available to the public at reasonable times during regular business hours.*

MTA will maintain this SPMP and the associated records required by the General Permit for at least 3 years following expiration of the General Permit, or longer if requested by the Commissioner.

A copy of the SPMP and associated records will be maintained at MTA Headquarters and will be made available to the public upon written request at reasonable times during regular business hours.

MS4 Permit Part IV(J) Reporting and record keeping requirements – 2. *By September 15, 2014, and annually thereafter by September 15, the permittee shall submit a report for the Department's review and approval. The report must include the following:*

a. The status of compliance with permit conditions, an assessment of the appropriateness of identified BMPs and progress towards achieving identified measurable goals for each of the MCMs.
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 measurable goals that apply to the program elements.
e. A summary describing the activities, progress, and accomplishments for each of the MCMs #1 through #6 (including such items as the status of education and outreach efforts, public involvement activities, stormwater mapping efforts, 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).

MTA will continue to report annually to DEP the requirements listed above from Part IV(J) of the General Permit. On or before September 15 of each permit year, this annual report will be submitted to DEP at the following address:

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

In the event that comments are received as a result of DEP's review of the annual report, MTA understands that the specified changes to the report must be submitted to the Department within 30 days of the receipt of the comment(s).

2.10 IMPAIRED WATERS AND TOTAL MAXIMUM DAILY LOAD (TMDL)

MS4 Permit Part IV(K) 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. This General Permit does not authorize a direct discharge that is inconsistent with the waste load allocation ("WLA") of any EPA approved TMDL. 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 require any of the following.*

1. *Require the permittee to review its plan for consistency with the TMDL, and propose any necessary modification to the plan 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 water body. The watershed-specific MS4 general permit may reference parts of this General Permit.*
3. *Require an individual permit.*

In the event that a TMDL for an impaired water body within MTA's ROW is approved or modified by EPA subsequent to the effective date of this General Permit, MTA will strive to comply with the requirements of Part IV(K) of the General Permit following DEP notification.

SECTION II MINIMUM CONTROL MEASURES

MS4 Permit Part IV H. Minimum control measures *-- For each MCM, the permittee shall: 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.*

In accordance with the Maine DEP's General Permit for the Discharge of Stormwater from MaineDOT/MTA MS4 Facilities, this SPMP has been developed to outline a program of BMPs and MGs addressing each of the six MCMs designed to reduce the discharge of pollutants from the MTA's MS4 to the extent practicable to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act (CWA). This section, along with ***Table 1***, addresses BMPs, MGs, an implementation schedule for BMPs and/or MGs, as well as the delegated responsible party and methodology for implementation of the respective BMPs for each of the six MCMs. The following subsections provide a narrative of MTA's methodology to satisfy the specific MCM requirements, while detailed information is presented in ***Table 1*** of this SPMP.

MS4 Permit Part IV.A.1.b. *Additional stormwater treatment controls within the UA are necessary for Urban Impaired Stream watersheds. For discharges from the permittee's infrastructure and operations within the UA, to an Urban Impaired Stream, the permittee shall implement structural and non-structural measures to the maximum extent practicable necessary to control, the discharge of stormwater runoff including known pollutants of concern. Pollutant(s) of concern refer to the pollutant(s) identified as causing or contributing to the waterbody's impairment. Urban runoff may be used as a surrogate pollutant of concern where information is lacking on specific causes of impairment.*

As previously mentioned in ***Section I***, Part IV.A.1.b of the MS4 General Permit requires additional stormwater treatment controls within UA for discharges from MTA infrastructure and operations within UIS watersheds. These UIS strategies to control the discharge of stormwater runoff are detailed in ***Table 1*** for each corresponding MCM, generally in red text. The UIS strategies are primarily applicable to the two chosen highest priority watersheds; these are Hart Brook (also known as Dill Brook) in Lewiston and Goosefare Brook in Saco. A brief narrative summary of UIS strategies is also provided in the subsections below.

1.0 MCM 1 - PUBLIC EDUCATION AND OUTREACH

MS4 Permit Part IV(H)(1) Public education and outreach on stormwater impacts*. The three goals of this minimum control measure are:*
1. To raise awareness that polluted stormwater runoff is one of the most significant sources of water quality problems for Maine's waters;
2. To motivate staff and contractors 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.

The permittee will fulfill the requirements for Public Education and Outreach by continuing the existing efforts that were initiated under the previous 5-year SPMP. These BMPs include raising awareness, identifying target BMPs, evaluating process and impact indicators annually and maintaining on-going education and outreach efforts.

1.1 AWARENESS PLAN

MS4 Permit Part IV(H)(1)(a)(i) Raise Awareness (Goal 1): *Beginning July 1, 2013, each permittee shall continue raising awareness of stormwater issues amongst employees and contractors.*

1. Each permittee shall establish measurable goals. Progress of these goals must be reported annually for process indicators and in years 1 (background), 3, & 5 for impact indicators.

2. Each permittee shall include a review in its fifth year Annual Report. The review must include an analysis of the process indicators and impact indicators.

MTA will continue to maintain and implement the existing Stormwater Awareness Plan, with an emphasis on raising awareness within the two designated highest priority watersheds. MTA's progress in raising awareness of polluted stormwater runoff issues will be assessed and reported to DEP in accordance with the specified schedule in the General Permit for process and impact indicator assessments.

1.2 BMP ADOPTION PLAN

MS4 Permit Part IV(H)(1)(a)(ii) Targeted BMP Adoption (Goal 2): *Beginning July 1, 2013, each permittee shall continue outreach efforts from the previous permit cycle while encouraging employees and contractors to utilize BMPs that minimize stormwater pollution.*

1. Each permittee shall set measurable goals. Progress on these goals must be reported annually for process indicators and in years 1 (background), 3, & 5 for impact indicators.

2. The permittee shall include a review in fifth year Annual Report. The review must include an analysis of the process indicators and impact indicators.

MTA will continue to maintain and implement the existing BMP Adoption Plan that identifies target BMPs to be utilized by employees and contractors that minimize stormwater pollution. As part of the UIS strategy associated with this MCM, the BMP Adoption Plan will place emphasis on utilizing target BMPs within MTA's two designated highest priority watersheds. MTA's progress in utilizing target BMPs will be assessed and reported to DEP in accordance with the specified schedule in the General Permit for process and impact indicator assessments.

1.3 CONTINUATION OF EXISTING EDUCATION AND OUTREACH EFFORTS

MS4 Permit Part IV(H)(1)(a)(iii) *Compliance with this MCM will be based upon:*
1. Continued existing education and outreach efforts;
2. Reported process and impact indicators; and
3. Completed annual reports and a 5-year analysis of the plans.

MTA will continue the existing education and outreach efforts established during the previous 5-year SPMP, which are included in ***Table 1***. As part of the UIS strategy associated with this MCM, information regarding MTA's two designated highest priority watersheds will be incorporated into the existing education and outreach efforts continued from previous MS4 permit cycle. MTA's progress in continuing education and outreach efforts will be assessed and reported to DEP in accordance with the specified schedule in the General Permit for process and impact indicator assessments.

2.0 MCM 2 – PUBLIC INVOLVEMENT AND PARTICIPATION

MS4 Permit Part IV(H)(2) Public involvement and participation. *The goal of this minimum control measure is to involve the permittee's community including various departments, bureaus or facilities, and when applicable involve regulated small MS4 communities in both the planning and implementation process of improving water quality and reducing quantity via the stormwater program. An active and involved participation process is crucial to the success of a stormwater management program because it allows for broader support, additional expertise and a conduit to other programs.*

The permittee will fulfill the requirements for Public Involvement and Participation by continuing to notify the public in accordance with FOAA requirements and coordinate with host MS4 communities, MaineDOT and other regional groups.

2.1 PUBLIC NOTICE REQUIREMENT

MS4 Permit Part IV(H)(2)(a)(i) Public notice requirements. *The permittee shall comply with applicable state and local Public Notice requirements using effective mechanisms for reaching the public, and comply with the public notice requirements of the Maine Freedom of Access Act, 1 M.R.S.A. §§ 401 et seq. ("FOAA") when the permittee involves stakeholders in the implementation of this General Permit. The permittee shall document the meetings and attendance through the annual report as a way of measuring this goal.*

MTA will continue to maintain the written public notice policy, announcements, and meeting logs in compliance with FOAA requirements.

2.2 COORDINATION WITH REGULATED COMMUNITIES

MS4 Permit Part IV(H)(2)(a)(ii) Coordinate with regulated community(s). *The permittee shall coordinate efforts by providing information on planned construction, and maintenance activities to Regulated Small MS4 municipal stormwater coordinators. The permittee shall develop a strategy to ensure involvement, mutual cooperation and coordination with Regulated Small MS4 municipalities, and report on such efforts annually pursuant to Part IV(J) on joint efforts, meetings attended, projects and coordination.*

MTA will continue open communication with host MS4 communities. Documentation of regular communication and/or meetings (i.e., Interlocal Stormwater Working Group (ISWG) meetings, meetings with MaineDOT and DEP, etc.) will be maintained to be included in the summary for the annual report.

3.0 MCM 3 – ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE)

MS4 Permit Part IV(H)(3) IDDE – (a) Required strategies. *Each permittee shall develop, implement and enforce a program to detect and eliminate illicit discharges and non-stormwater discharges, as defined in 06-096CMR521(9)(b)(2), except as provided in Part IV(H)(3)(b) of this permit.*

MTA's IDDE Program includes (a) watershed based storm sewer system infrastructure map(s); (b) prioritized dry weather outfall inspections; and (c) an illicit discharge detection strategy for the open ditch system within the two highest priority watersheds. Specific BMP options and requirements of the MS4 General Permit are discussed in the subsections below and summarized in ***Table 1***.

3.1 VERIFY WATERSHED BASED MS4 INFRASTRUCTURE MAP

MS4 Permit Part IV(H)(3)(a)(i) *By June 30, 2015, each permittee shall ground verify its watershed based storm sewer system infrastructure map(s) in its highest priority watershed within the UA showing the location of all stormwater catch basins, connecting surface and subsurface infrastructure depicting the direction of in-flow and out-flow pipes, and the locations of all discharges from all stormwater outfalls operated by the regulated small MS4. Each catch basin must be uniquely identified to facilitate control of potential illicit discharges, and to ensure proper operation and maintenance of the structures. For each outfall, the following information must be included: type, (e.g. 24" concrete pipe or ditch) material, and size of conveyance, or channelized flow the name and location of the immediate surface waterbody or wetland to which the stormwater runoff eventually discharges. If an outfall does not discharge directly to a named waterbody, identify the name and location of the nearest named waterbody to which the outfall eventually discharges.*

MTA maps of the separate storm sewer system within the two highest priority watersheds will be reviewed, ground verified and updated to reflect the required attributes, in accordance with the implementation schedule in ***Table 1***.

3.2 IMPLEMENT COORDINATED INSPECTION PROGRAM

MS4 Permit Part IV(H)(3)(a)(ii) *Each permittee shall continue to implement a prioritized dry weather outfall inspection plan based on drainage areas such as an urban impaired stream watershed, or based on a watershed or sub-watershed that the permittee has identified as having the greatest potential threat to the receiving water.*

In the first permit year, each permittee shall petition regulated MS4 municipalities to conduct a coordinated dry weather MS4 inspection program. In permit years two through five each permittee shall implement at least two coordinated watershed based illicit discharge detection and elimination programs. Permittees shall continue to implement prioritized dry weather inspections for remaining urban impaired streams within the UA. MaineDOT/MTA shall continue to implement its procedure/policy or protocol that details the steps that must be taken when an illicit discharge is identified during these inspections to locate the source of the illicit discharge and eliminate it.

MTA anticipates reviewing and updating the existing dry weather inspection procedure for outfalls within the two highest priority watersheds to identify the greatest perceived potential threat to receiving waters in accordance with the implementation schedule in ***Table 1***. MTA also anticipates identifying two regulated MS4 host municipalities within UA, with which MTA will participate in conducting a coordinated dry weather inspection.

3.3 IMPLEMENT OPEN DITCH ILLICIT DISCHARGE PROGRAM

MS4 Permit Part IV(H)(3)(a)(iii) *MaineDOT/MTA shall implement an illicit discharge detection and elimination program to their open ditch system within their two highest priority watersheds.*

MTA will continue to utilize existing mechanisms (i.e., IDDE Notification Form, Mobile SPCC Plan Spill Report Forms, Highway Safety Incident Response Procedures and the Annual Comprehensive Inspection conducted by MTA's General Engineering Contractor) to detect and eliminate illicit discharges in the open ditch system within MTA's two highest priority watersheds. These mechanisms will be reviewed and updated as needed, as seen in ***Table 1.***

3.4 IDENTIFY NON-STORMWATER DISCHARGES

MS4 Permit Part IV(H)(3)(b) *This permit authorizes the following non-stormwater discharges provided they do not contribute to a violation of water quality standards, as determined by the Department; these discharges must be addressed in the Plan if they are identified by the permittee as significant contributors of pollutants to the regulated small MS4.*

- *Landscape irrigation*
- *Diverted stream flows*
- *Rising ground waters*
- *Uncontaminated ground water infiltration (as defined at 40 CFR 35.2005(20))*
- *Uncontaminated pumped ground water*
- *Uncontaminated flows from foundation drains*
- *Air conditioning and compressor condensate*

- *Irrigation water*
- *Flows from uncontaminated springs*
- *Uncontaminated water from crawl space pumps*
- *Uncontaminated flows from footing drains*
- *Lawn watering runoff*
- *Flows from riparian habitats and wetlands*
- *Residual street wash water (where spills/leaks of toxic or hazardous materials have not occurred, unless all spilled material has been removed and detergents are not used)*
- *Hydrant flushing and fire fighting activity runoff*
- *Water line flushing and discharges from potable water sources*

Consistent with the previous MS4 cycles, a limited number of authorized non-stormwater discharges were identified and documented. These primarily included air conditioner condensate from window-mounted units at Fare Collection facilities (e.g., toll plazas). MTA will continue to identify and document additional authorized non-stormwater discharges as they are discovered.

4.0 MCM 4 – CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

MS4 Permit Part IV(H)(4). Construction site stormwater runoff *control ---(a) Required Strategies. Continue to implement and enforce a program or modify an existing program, to reduce pollutants in any stormwater runoff including discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste that may cause adverse impacts to water quality from construction activities that result in a land disturbance of greater than or equal to one acre. Reduction of stormwater discharges from construction activity disturbing less than one acre must be included in the program if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more. Each permittee must include standard operating procedures for addressing and implementing compliance inspections and enforcement actions.*

As discussed with DEP and MaineDOT during previous MS4 permit cycles, MTA has proposed developing a MEPDES Memorandum of Agreement (MOA) with DEP in a coordinated effort with MaineDOT. The purpose of the MEPDES MOA would be to address the requirements of MCM #4 to reduce pollutants in stormwater runoff from construction activities, as well as other MCMs that are somewhat analogous and/or duplicative with other MEPDES general permits. However, when this MEPDES MOA was not developed, MTA instead developed a Construction Project Environmental Compliance (CPEC) Program under the previous MS4 permit cycle to address stormwater management issues, including runoff from construction activities conducted by MTA and/or their contractors. At this time, MTA is prepared to continue implementing (and revising as needed) the CPEC Program, unless or until a MEPDES MOA is established, to address construction site stormwater runoff controls.

5.0 MCM 5 – POST-CONSTRUCTION STORMWATER MANAGEMENT

MS4 Permit Part IV(H)(5)(a)(i) *Each permittee continue to implement, and enforce 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 MS4 or directly to waters of the State other than groundwater. This program must ensure that controls are in place that are designed to prevent or minimize water quality impacts. (ii) Each permittee shall develop and implement strategies that include a combination of structural and/or non-structural best management practices (BMPs) appropriate for its regulated small MS4. (iii) To ensure adequate long-term operation and maintenance of post construction BMPs, each permittee shall develop and implement, as part of its Stormwater Program Management Plan, an approved BMP inspection schedule that at a minimum stipulates that new BMPs are inspected at least once during the first year of installation. Post construction BMP inspections must determine if the BMP is adequately maintained and is functioning as intended or requires maintenance. If the post construction BMP requires maintenance, provide a record of the deficiency and corrective action(s) taken. Each permittee shall include the following in their annual report:*

- *The cumulative number of post construction BMPs discharging directly into waters of the State other than groundwater or into or from their separate storm sewer system;*
- *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.*

Similarly, MTA is prepared to continue implementing (and revising as needed) the CPEC Program, unless or until a MEPDES MOA is established, to address post-construction stormwater management in new development and redevelopment.

6.0 MCM 6 – POLLUTION PREVENTION/GOOD HOUSEKEEPING

MS4 Permit Part IV(H)(6) *Pollution prevention and good housekeeping in community/facility operations. This MCM has the ultimate goal of preventing or reducing pollutant runoff from MaineDOT's/MTA's roads, other paved surfaces, infrastructure, and facilities through the development and implementation of an operation and maintenance (O&M) program.*

MTA will continue to implement existing mechanisms (e.g., CPEC Program, Training Programs, etc.) to fulfill the requirements for Pollution Prevention and Good Housekeeping within UA at MTA facility operations, unless and until a MEPDES MOA is developed with DEP in cooperation with MaineDOT.

6.1 POTENTIAL POLLUTANT SOURCES AND OPERATIONS

MS4 Permit Part IV(H)(6)(a)(i) *Each permittee shall evaluate and maintain its inventory of potential pollutant sources and associated operations conducted in, on, or associated with facilities, buildings, roads, travel ways including right-of-way owned or operated by the permittee that have the potential to cause or contribute to stormwater or surface water pollution. Each permittee shall continue to implement its written operation and maintenance procedures that*

include 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. 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;*
- *Landscaping and lawn care including, where applicable and not subject to other federal regulations, 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; and*
- *Disposal of road-killed wildlife.*

MTA will continue to rely on existing structural and non-structural controls to reduce stormwater pollution from MTA facilities, buildings, roads, and travel ways, such as:

- Abbreviated Storm Water Pollution Prevention Plan (SWPPP) elements integrated into SPCC Plans at MTA Maintenance Facilities;
- Standard contract language requiring contractors to utilize secondary containment and develop spill plans at construction sites;
- Road kill policies and procedures;
- MaineDOT's BMP Manual for Erosion and Sedimentation Control at construction projects; or
- Other mechanism to be determined or as applicable.

6.2 MTA EMPLOYEE TRAINING

MS4 Permit Part IV(H)(6)(a)(ii) *Each permittee shall continue to implement annual employee training to prevent and reduce stormwater pollution from permittee operations and facilities. The permittee shall report annually on the types of trainings presented, the number of employees and contractors that received training, the length of the training, and training effectiveness.*

The existing training program addressing stormwater pollution prevention, and erosion and sediment control for MTA employees will be continued and revised, as appopriate. The annual report will include the required training information.

6.3 STREET SWEEPING

MS4 Permit Part IV(H)(6)(a)(iii) *The permittee shall continue to implement a program to sweep all paved streets and parking lots maintained by the permittee at least once a year as soon as possible after snowmelt.*

As reported in previous MS4 permit cycles and the Chapter 500 Stormwater Management MOA annual reports, MTA currently maintains a regular street sweeping program ensuring

that all paved areas are swept at least one time per year, with a greater priority given to paved areas within UIS watersheds (e.g., swept as soon after snowmelt as possible).

6.4 CLEANING OF STORMWATER STRUCTURES INCLUDING CATCH BASINS

MS4 Permit Part IV(H)(6)(a)(iv) *The permittee shall continue to 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 consistent with the requirements of current state law. The permittee shall clean catch basins more frequently if inspections indicate excessive accumulation of sediment. Excessive accumulation is greater than or equal to 50 percent filled.*

Consistent with previous MS4 permit cycles, MTA currently operates an annual catch basin cleanout program that also includes inspection of outfalls within UA. MTA expects to continue this program throughout the coming 5-year SPMP.

6.5 MAINTENANCE AND UPGRADING OF STORMWATER CONVEYANCES AND OUTFALLS

MS4 Permit Part IV(H)(6)(a)(v) *The permittee shall evaluate and implement a prioritized schedule, as necessary, for repairing or upgrading conveyances, structures and outfalls of the regulated small MS4.*

Consistent with previous MS4 permit cycles, a comprehensive inspection of the MTA infrastructure is conducted on an annual basis by MTA's general engineering consultant. This annual inspection includes observation of all MTA-owned infrastructure, including conveyance structures and outfalls. A prioritized list of repairs and upgrades are then presented to MTA Highway Maintenance and/or Engineering for consideration.

6.6 STORMWATER POLLUTION PREVENTION PLANS (SWPPP's)

MS4 Permit Part IV(H)(6)(a)(vi) *The permittee shall evaluate and implement their stormwater pollution prevention plan(s) ("SWPPP") for vehicle maintenance facilities operated by the permittee within the UA unless the facility is currently regulated under Maine's Industrial Stormwater Program. The SWPPP must meet the requirements including the quarterly visual monitoring per Maine's Multi-Sector General Permit ("MSGP") published April 26, 2011.*

Unless and until a MEPDES MOA is developed to address SWPPP requirements for Maintenance Facilities, MTA will continue to rely on existing mechanisms (e.g., SWPPP elements incorporated into SPCC Plans); however, all MTA Maintenance Facilities are located outside of MS4-regulated UA.

TABLE 1

Stormwater Program Management Plan Implementation Schedule

TABLE 1

STORMWATER PROGRAM MANAGEMENT PLAN (SPMP) IMPLEMENTATION SCHEDULE

Maine Turnpike Authority

MINIMUM CONTROL MEASURE (MCM) #1

MPDES Permit Part IV(H) 1. Public education and outreach on stormwater impacts. *The three goals of this minimum control measure are:*

1. to raise awareness that polluted stormwater runoff is the most significant sources of water quality problems for Maine's waters;

2. to motivate staff and contractors 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. The permittee shall document changes in awareness and BMP adoption (behavior change) in target audiences.

MCM REQUIREMENT	BEST MANAGEMENT PRACTICES (BMPs)	METHODOLOGY/PURPOSE	MEASURABLE GOALS		DOCUMENTATION	RESPONSIBLE PARTY
(a)(i) Raise Awareness (Goal 1): Beginning July 1, 2013, each permittee shall continue raising awareness of stormwater issues amongst employees and contractors.	Maintain an Awareness Plan to raise awareness of stormwater issues amongst employees and contractors	The Awareness Plan will continue to raise awareness of polluted stormwater runoff issues and will provide for assessment of process and impact indicators.	Years 1-5:	Continue to maintain and implement an Awareness Plan for employees and contractors	Maintain a copy of the Plan and associated documents (i.e., updated training, etc.)	Environmental Services Coordinator and/or Designated Consultant
(1) Each permittee shall establish measurable goals. Progress on these goals must be reported annually for process indicators and in years 1 (background), 3 & 5 for impact indicators.	**UIS Strategy:** The Awareness Plan will continue to place emphasis on raising awareness within MTA's highest priority watersheds (e.g., Hart Brook or Goosefare Brook).	*Process indicators relate to the execution of the program (e.g., percent or number of employees attending training, additional information provided at a facility or job site).*	Years 1-5:	Assess process indicators as part of the Annual Report	Maintain annual training schedules, rosters and other materials to assess process indicators	
(2) Each permittee shall include a review in its fifth year Annual Report. The review must include an analysis of the process indicators and impact indicators.		*Impact indicators relate to the achievement of the goals and objectives of the program (e.g., changing behavior as a result of training/information).*	Year 1, 3 & 5:	Assess impact indicators as part of the Annual Report	Conduct an evaluation (i.e., exam, pop-quiz, etc.) following training to measure awareness of stormwater pollution, BMPs and/or runoff issues	
(a)(ii) Target BMP Adoption (Goal 2): Beginning July 1, 2013, each permittee shall continue outreach efforts from the previous permit cycle while encouraging employees and contractors to utilize BMPs that minimize stormwater pollution.	Maintain a BMP Adoption Plan for employees and contractors to minimize stormwater pollution	Continue to identify target BMPs to be utilized by employees and contractors that minimize stormwater pollution	Years 1-5:	Continue to maintain and implement the BMP Adoption Plan to identify target BMPs to be utilized by employees and contractors	Maintain compliance with Chapter 500 standards, MOA requirements and/or MaineDOT BMP Manual for MTA projects constructed and maintained	
(1) Each permittee shall set measurable goals. Progress on these goals must be reported annually for process indicators and in years 1 (background), 3 & 5 for impact indicators.	**UIS Strategy:** The BMP Adoption Plan will place emphasis on utilizing target BMPs within MTA's highest priority watersheds (e.g., Hart Brook or Goosefare Brook).	***Process indicators*** relate to the execution of the program	Years 1-5:	Assess process indicators as part of the Annual Report	Conduct inspections of work sites to provide a baseline for future assessment of process indicators	
(2) Each permittee shall include a review in its fifth year Annual Report. The review must include an analysis of the process indicators and impact indicators.		***Impact indicators*** relate to the achievement of the goals and objectives of the program	Year 1, 3 & 5:	Assess impact indicators as part of the Annual Report	Maintain copies of inspection logs for construction, maintenance activity records and/or other documents referenced in BMP Adoption Plan to demonstrate achievement of goals and program objectives.	
(a)(iii) Compliance with this MCM will be based upon:	a. Conduct training to address pollution reduction in stormwater runoff for MTA employees	Ensure MTA employees are educated and appropriately trained	Years 1-5:	Continue Annual Stormwater Training Program for MTA staff	Maintain stormwater training schedule, rosters, quizzes, etc.	Environmental Services Coordinator and MTA Training Coordinator
(1) Continued existing education and outreach efforts; ***(2) Reported process and impact indicators; and***	b. Require contractors to maintain an on-site responsible party (OSRP) who is trained in erosion and sediment control	Require that OSRP has the authority to promptly remedy any deficient controls	Years 1-5:	Continue to obtain ESC certification from contractor's OSRP	Maintain ESC certification documents from contractors	Environmental Services Coordinator in combination with Engineering
(3) Completed annual reports and a 5-year analysis of the plans.	c. Continue to coordinate with local groups as appropriate **UIS Strategy:** Information regarding MTA's highest priority watershed will be continue to be incorporated into the existing education and outreach efforts.	Ensure that MTA continues to coordinate with the public, municipalities, MaineDOT, ISWG, etc. regarding stormwater information	Years 1-5:	Continue to address stormwater topics at meetings and on MTA website	Maintain log of meetings and update of website	Environmental Services Coordinator and/or Public (Government and Community) Relations Office

Italic Font = 2013 *MS4 permit language*
Red font = UIS Strategy

TABLE 1

STORMWATER PROGRAM MANAGEMENT PLAN (SPMP) IMPLEMENTATION SCHEDULE

Maine Turnpike Authority

MCM #2

MPDES Permit Part IV(H) 2. Public involvement and participation. *The goal of this minimum control measure is to involve the permittee's community including various departments, bureaus or facilities, and when applicable involve regulated small MS4 communities in both the planning and implementation proess of improving water quality and reducing quantity via the stormwater program. An active and involved participation process is crucial to the success of a stormwater management program because it allows for broader support, additional expertise and a conduit to other programs.*

MCM REQUIREMENT	BEST MANAGEMENT PRACTICES (BMPs)	METHODOLOGY/PURPOSE	MEASURABLE GOALS		DOCUMENTATION	RESPONSIBLE PARTY
(a)(i) Public notice requirements. The permittee shall comply with applicable state and local Pulic Notice requirements using effective mechanisms for reaching the public, and comply with the public notice requirements of the Maine Freedom of Access Act, 1 M.R.S.A. 4401 et seq. ("FOAA") when the permittee involves stakeholders in the implementation of this General Permit. The permittee shall document the meetings and attendance through the annual report as a way of mesuring this goal.	Ensure that appropriate public notice requirements are met when public meetings are held that address stormwater topics	Comply with applicable state and local Public Notice requirements using effective mechanisms for reaching the public, and comply with the public notice requirements of the Maine Freedom of Access Act, 1 M.R.S.A. 401 et seq. ("FOAA") when the permittee involves stakeholders in the implementation of this general permit. The permittee shall document the meetings and attendance through the annual report as a way of measuring this goal.	Years 1-5:	Continue to ensure all public meetings that address stormwater meet FOAA requirements	Maintain written public notice policy that complies with FOAA requirements, public notice announcements and a log of applicable meetings	Environmental Services Coordinator and/or Government Relations Office
(a)(ii) Coordinate with regulated communities. The permittee shall coordinate efforts by providing information on planned construction, and maintenance activities to Regulated Small MS4 municipal stormwater coordinators. The permittee shall develop a strategy to ensure involvement, mutual cooperation and coordination with the Regulated Small MS4 municipalities, and report on such efforts annually pursuant to Part IV(J) on joint efforts, meetings attended, projects and coordination.	Coordinate with host MS4 communities, as well as MaineDOT, by sharing information on planned construction and maintenance activities	Contact each host MS4 community to identify the respective stormwater coordinator	Year 1:	Update list of Stormwater Coordinators for host MS4 communities	Maintain list of Stormwater Coordinators for each host MS4 community	
			Years 2-5:	Communicate with host MS4 communities via the designated Stormwater Coordinator	Maintain documentation regarding communication and/or coordination with host MS4 communities	
		Report annually on involvement, mutual cooperation and coordination with host MS4s	Years 1-5:	Continue strategy for coordinating with host MS4s and document subsequent coordination	Summarize coordination in each annual report	

TABLE 1

STORMWATER PROGRAM MANAGEMENT PLAN (SPMP) IMPLEMENTATION SCHEDULE

Maine Turnpike Authority

MCM #3

MPDES Permit Part IV(H) 3. Illicit Discharge Detection and Elimination (IDDE). *Each permittee must develop, implement and enforce a program to detect and eliminate illicit discharges and non-stormwater discharges, as defined in 06-096CMR521(9)(b)(2), except as provided in Part IV(H)3(b) of this permit.*

MCM REQUIREMENT	BEST MANAGEMENT PRACTICES (BMPs)	METHODOLOGY/PURPOSE	MEASURABLE GOALS		DOCUMENTATION	RESPONSIBLE PARTY
(a)(i) By June 30, 2015, each permittee shall ground verify its watershed based storm sewer system infrastructure map(s) in its highest priority watershed within the UA showing the location of all stormwater catch basins, connecting surface and subsurface infrastructure depicting the direction of in-flow and out-flow pipes, and the locations of all discharges from all stormwater outfalls operated by the regulated small MS4.	Ground veridy watershed-based Storm Sewer System Infastructure Maps in its highest priority watershed within UA **UIS Strategy:** Consistent with previous MS4 permit cycles, MTA will continue to consider either Hart Brook (Lewiston) or Goosefare Brook (Saco) the highest priority watershed.	***Each catch basin must be uniquely identified:*** ***-to facilitate control of potential illicit discharges, and*** ***-to ensure proper operation and maintenance of the structures.*** ***For each outfall, the following information must be included:*** ***-type, material, and size of conveyance or channelized flow;*** ***-the name and location of the immediate surface waterbody or wetland to which the stormwater runoff eventually discharges.*** ***If an outfall does not discharge directly to a named waterbody, identify the name and location of the nearest named waterbody to which the outfall eventually discharges.***	Year 1:	Review existing MS4 maps for the highest priority watersheds	Maps for portions of MTA facility within UA	Environmental Services Coordinator in coordination with MTA's GIS Coordinator and/or Designated Consultant
				Identify areas where ground verification and/or potential updates to maps may be needed	Maintain punchlist of areas to ground verify	
			Year 2:	Conduct field work to ground verify infrastructure in MTA's highest priority watershed	Maintain updated maps that include: - uniquely identified CBs and associated surfaces - flow directions - outfall description (e.g., type, material, size) - name of receiving waterbody (or host MS4 system)	
			Years 3-5:	Revise maps to include ground verification information		
(a)(ii) Each permittee shall continue to implement a prioritized dry weather outfall inspection plan based on drainage areas such as an urban impaired stream watershed, or based on a watershed or sub-watershed that the permittee has identified as having the greatest potential threat to the receiving water.	Continue to implement prioritized dry weather inspection program **UIS Strategy:** Priority will be given to host MS4 communities of MTA's two designated highest priority UIS watersheds (e.g., Hart Brook and Goosefare Brook.	Review and/or update the-dry weather inspection program and the existing IDDE Standard Operating Procedure (*SOP) to* ***identify the greatest perceived/potential threat to the receiving water***	Year 1:	Review and/or update the SOP, policy and protocol for dry weather inspections	Retain written policy and documents for dry weather inspection	Environmental Services Coordinator and/or Designee
			Years 2-5:	Continue to conduct inspections and implement the steps that must be taken to locate and eliminate the source of an illicit discharge when it is identified	Maintain inspection records and source location determinations, as well as corrective actions taken to eliminate the illicit connection/discharge	
In the first permit year, each permittee shall petition regulated MS4 municipalities to conduct a coordinated dry weather MS4 inspection program. In permit years two through five each permittee shall implement at least two coordinated watershed based illicit discharge detection and elimination programs.	Coordinate with two host MS4 communities, such as Saco (Goosefare Brook), Lewiston (Hart Brook) or Portland (multiple UIS watersheds)	Communicate directly with host MS4 stormwater contacts to choose, schedule and conduct a coordinated dry weather MS4 inspection program	Year 1:	Identify two regulated MS4 municipalities to conduct a coordinated dry weather inspection program	Maintain correspondence with host MS4 municipalities	Environmental Services Coordinator in coordination with Government Affairs personnel and/or Highway Maintenance Supervisor
			Years 2-5:	Implement at least two coordinated watershed based illicit discharge detection and elimination programs	Document coordinated dry weather inspections	

Italic Font = 2013 *MS4 permit language*
Red font = UIS Strategy

TABLE 1

STORMWATER PROGRAM MANAGEMENT PLAN (SPMP) IMPLEMENTATION SCHEDULE

Maine Turnpike Authority

MCM #3

MPDES Permit Part IV(H) 3. Illicit Discharge Detection and Elimination (IDDE). *Each permittee must develop, implement and enforce a program to detect and eliminate illicit discharges and non-stormwater discharges, as defined in 06-096CMR521(9)(b)(2), except as provided in Part IV(H)3(b) of this permit.*

MCM REQUIREMENT	BEST MANAGEMENT PRACTICES (BMPs)	METHODOLOGY/PURPOSE	MEASURABLE GOALS		DOCUMENTATION	RESPONSIBLE PARTY
(a)(iii) MaineDOT/MTA shall implement an illicit discharge detection and elimination program for their open ditch system within their two highest priority watersheds.	Implement a strategy for addressing illicit discharges to open ditch systems within two highest priority watersheds (i.e., Hart Brook and Goosefare Brook)	Continue to utilize existing mechanisms (e.g., IDDE Notification Form, Mobile SPCC Plan Spill Reporting, Highway Safety Incident Response, General/Specific Contract Language, Annual Comprehensive Inspection conducted by General Engineering Consultants) to provide consistent protocol for internal reporting through an established chain-of-command, which establishes a central point of contact for MTA to notify state and municipal enforcement authorities	Year 1:	Review existing mechanisms for potential revisions to document any detected illicit discharges	Maintain source location determinations, as well as corrective actions taken to eliminate the illicit connection/discharge within MTA's open ditch within two highest priority watersheds	Environmental Services Coordinator in coordination with Designated Consultant and MTA's Highway Maintenance
			Year 2:	Implement revisions to document illicit discharges detected in open ditch system within MTA's two highest priority watersheds, as necessary		
			Years 3-5:	Continue to document illicit discharges detected in open ditch system within MTA's two highest priority watersheds, as necessary		
(b) This permit authorizes non-stormwater discharges provided they do not contribute to a violation of water quality standards, as determined by the Department; these discharges must be addressed in the Plan if they are identified by the permittee as significant contributors of pollutants to the regulated small MS4.	Modify this Plan, as necessary, to address non-stormwater discharges that are identified as significant contributors of pollutants to the MS4	Ensure that this SPMP addresses identified non-stormwater discharges that are considered significant contributors of pollutants to the regulated MS4	Years 1-5:	Identify and document non-stormwater discharges as they are discovered during dry weather inspections, mapping, etc. and revise Plan accordingly	Maintain log of identified non-stormwater discharges that potentially contribute to a violation of water quality standards	

MCM #4

MPDES Permit Part IV(H) 4. Construction site stormwater runoff control. *Continue to implement, and enforce a program or modify an existing program, to reduce pollutants in any stormwater runoff including discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste that may cause adverse impacts to water quality from construction activities that result in a land disturbance of greater than or equal to one acre. Reduction of stormwater discharges from construction activity disturbing less than one acre must be included in the program if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more. Each permittee must include standard operating procedures for addressing and implementing compliance inspections and enforcement actions.*

MCM REQUIREMENT	BEST MANAGEMENT PRACTICES (BMPs)	METHODOLOGY/PURPOSE	MEASURABLE GOALS		DOCUMENTATION	RESPONSIBLE PARTY
The program will include continuation of MTA's Construction Project Environmental Compliance (CPEC) Program and its subsequent revisions, unless or until a Memorandum of Agreement (MOA) between MDEP, MTA and MaineDOT is developed for MS4 applicability (e.g., MEPDES MOA).	Continue to implement CPEC Program, unless and until a MEPDES MOA is established to reduce pollutants in stormwater runoff from construction activities at regulated projects.	MEPDES MOA, when developed, may provide permit coverage to MTA and MaineDOT associated with the duplicative requirements of the three MEPDES programs: MS4 GP, MCGP and MSGP. The MOA will be reasonably consistent with the standards established by the DEP in MCMs #4 through #6 of this MS4 General Permit (GP), as well as the Maine Construction General Permit (MCGP) and DEP's Multi-Sector General Permit (MSGP).	Year 1:	Continue to implement the CPEC Program and/or develop MEPDES MOA with DEP in a coordinated effort with MaineDOT	Maintain documentation associated with the CPEC Program and MOA development process with DEP	Environmental Services Coordinator and/or Designee
			Year 2:	Continue to implement the CPEC Program and/or finalize MEPDES MOA and identify specific requirements	Maintain CPEC Program binders/documents and/or a copy of the established MEPDES MOA	
			Years 3-5:	Continue to implement the CPEC Program and/or begin implementing MEPDES MOA	Maintain CPEC Program and/or MEPDES MOA records for MTA projects (e.g., annual MOA report, etc.)	

Italic Font = 2013 *MS4 permit language*
Red font = UIS Strategy

TABLE 1

STORMWATER PROGRAM MANAGEMENT PLAN (SPMP) IMPLEMENTATION SCHEDULE

Maine Turnpike Authority

MCM #5

MPDES Permit Part IV(H) 5. Post-construction stormwater management in new development and redevelopment.

MCM REQUIREMENT	BEST MANAGEMENT PRACTICES (BMPs)	METHODOLOGY/PURPOSE	MEASURABLE GOALS		DOCUMENTATION	RESPONSIBLE PARTY
(a)(i) Each permittee shall continue to implement, and enforce 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 MS4 or directly to waters of the State other than groundwater. This program must ensure that controls are in place that are designed to prevent or minimize water quality impacts.	Continue to implement CPEC Program, unless or until a MEPDES MOA is established for new development and redevelopment that addresses stormwater runoff from projects that disturb one acre or more discharging to the MS4 or directly to waters of the State.	MEPDES MOA would provide permit coverage to MTA and MaineDOT associated with the duplicative requirements of multiple MEPDES program permits: MS4 GP, MCGP and MSGP. This potential MOA is expected to be reasonably consistent with the standards established by the DEP in MCMs #4 through #6 of this MS4 General Permit (GP), as well as the analogous requirements in the Maine Construction General Permit (MCGP) and DEP's Multi-Sector General Permit (MSGP).	Year 1:	Continue to implement CPEC Program and/or develop MEPDES MOA with DEP in a coordinated effort with MaineDOT	Maintain documentation associated with CPEC Program and/or MOA development process with DEP	Environmental Services Coordinator and/or Designee
			Year 2:	Continue to implement CPEC Program and/or finalize MEPDES MOA	Maintain CPEC Program binders and/or a copy of the established MEPDES MOA	
			Years 3-5:	Continue to implement the CPEC Program and/or begin implementing MEPDES MOA	Maintain CPEC Program and/or MOA records for MTA projects (e.g., annual MOA report)	
(a)(ii) Each permittee shall develop and implement strategies that include a combination of structural and/or non-structural best management practices (BMPs) appropriate for its regulated small MS4.	Continue to implement CPEC Program unless or until a MEPDES MOA is established to address strategies that include appropriate structural and non-structural BMPs.		Year 1:	Continue to implement CPEC Program and/or develop MEPDES MOA	Maintain CPEC Program binders and/or documentation associated with MOA development process with DEP	
			Year 2:	Continue to implement CPEC Program and/or finalize MEPDES MOA	Maintain CPEC Program binders and/or a copy of the established MEPDES MOA	
			Years 3-5:	Continue to implement the CPEC Program and/or begin implementing MEPDES MOA	Maintain CPEC Program and/or MOA records for MTA projects (e.g., annual MOA report)	
(a)(iii) To ensure adequate long-term operation and maintenance of post construction BMPs, each permittee shall develop and implement, as part of its Stormwater Program Management Plan, an approved BMP inspection schedule that at a minimum stipulates that new BMPs are inspected at least once during the first year of installation. Post construction BMP inspections must determine if the BMP is adequately maintained and is functioning as intended or requires maintenance. If the post construction BMP requires maintenance, provide a record of the deficiency and corrective action(s) taken.	Continue to implement CPEC Program unless or until a MEPDES MOA that includes guidelines for post-construction BMPs inspections.	***Each permittee shall include the following in their annual report:*** ***-the cumulative number of post construction BMPs discharging directly into waters of the State other than groundwater or into or from their separate storm sewer system;*** ***-the number of sites with documented functioning post construction BMPs; and*** ***-the number of sites that require routine maintenance or remedial action to ensure that the post construction BMP is functioning as intended.***	Year 1:	Continue to implement CPEC Program and/or develop MEPDES MOA	Maintain documentation associated with CPEC Program and/or MOA development process with DEP	
			Year 2:	Continue to implement CPEC Program and/or finalize MEPDES MOA	Maintain CPEC Program binders and/or a copy of the established MEPDES MOA	
			Years 3-5:	Continue to implement the CPEC Program and/or begin implementing MEPDES MOA	Maintain CPEC Program and/or MOA records for MTA projects (e.g., annual MOA report)	

Italic Font = 2013 *MS4 permit language*
Red font = UIS Strategy

TABLE 1

STORMWATER PROGRAM MANAGEMENT PLAN (SPMP) IMPLEMENTATION SCHEDULE

Maine Turnpike Authority

MCM #6

MPDES Permit Part IV(H) 6. Pollution prevention and good housekeeping in community/facility operations. *This MCM has the ultimate goal of preventing or reducing reducing pollutant runoff from MaineDOT's/MTA's roads, other paved surfaces, infrastructure, and facilities through the development and implementation of an operation and maintenance (O&M) program. The O&M program must include the following:*

MCM REQUIREMENT	BEST MANAGEMENT PRACTICES (BMPs)	METHODOLOGY/PURPOSE	MEASURABLE GOALS		DOCUMENTATION	RESPONSIBLE PARTY
(a)(i) Each permittee shall evaluate and mainatain its inventory of potential pollutant sources and associated operations conducted in, on, or associated with facilities, buildings, roads, travel ways including right-of-way owned or operated by the permittee that have the potential to cause or contribute to stormwater or surface water pollution. Each permittee shall continue to implement its written operation and maintenance procedures that include maintenance schedules and inspection procedures to ensure long term operation of structural and non-structural controls that reduce stormwater pollution to the maximum extent possible.	Continue to implement CPEC Program or develop a MEPDES MOA that includes an O&M Plan that addresses potential pollutant sources and O&M procedures.	***These procedures must address, as applicable:*** ***(1) 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;*** ***(2) spill response and prevention;*** ***(3) vehicle and equipment storage, maintenance and fueling;*** ***(4) landscaping and lawn care including, where applicable and not subject to other federal regulations, an evaluation of reduced mowing frequencies, establishing and maintaining buffers, cutting vegetation within 100 feet of a stormwater conveyance or surface water;*** ***(5) erosion and sedimentation control; and*** ***(6) disposal of road-killed wildlife.***	Year 1:	Continue to implement CPEC Program and/or develop MEPDES MOA	Maintain documentation associated with CPEC Program and/or MOA development process with DEP	Environmental Services Coordinator and/or Designee
			Year 2:	Continue to implement CPEC Program and/or finalize MEPDES MOA	Maintain CPEC Program binders and/or a copy of the established MEPDES MOA	
			Years 3-5:	Continue to implement the CPEC Program and/or begin implementing MEPDES MOA	Maintain CPEC Program and/or MOA records for MTA projects (e.g., annual MOA report)	
(a)(ii) Each permittee shall continue to implement annual employee training to prevent and reduce stormwater pollution from permittee operations and facilities. The permittee shall report annually on the types of training presented, the number of employees and contractors that received training, the length of the training and training effectiveness.	Continue to implement Stormwater Pollution Reduction Training Program for MTA target audience (employees and contractors) **UIS Strategy:** Revise Stormwater Training Program, as needed to include additional information pertaining to UIS watersheds and additional BMPs.	The existing training programs conducted for MTA employees will be reviewed and updated, as necessary. Because MTA does not conduct training for contractors, MTA will rely on contractors to become certified through the DEPs Non-Point Source Training Center or an equivalent program. Contractors will provide proof of certification to MTA as part of the Training Program.	Year 1:	Conduct existing training program that addresses stormwater pollution provention, as well as erosion and sediment control	See MCM #1	See MCM #1
				Revise existing training program, as necessary		
				Review current files to ensure that contractors are certified by DEP in stormwater pollution prevention, as well as erosion and sediment control		
				Include the required training information in the annual report		
			Years 2-5:	Continue training program and annual reporting		

TABLE 1

STORMWATER PROGRAM MANAGEMENT PLAN (SPMP) IMPLEMENTATION SCHEDULE

Maine Turnpike Authority

MCM #6

MPDES Permit Part IV(H) 6. Pollution prevention and good housekeeping in community/facility operations. *This MCM has the ultimate goal of preventing or reducing reducing pollutant runoff from MaineDOT's/MTA's roads, other paved surfaces, infrastructure, and facilities through the development and implementation of an operation and maintenance (O&M) program. The O&M program must include the following:*

MCM REQUIREMENT	BEST MANAGEMENT PRACTICES (BMPs)	METHODOLOGY/PURPOSE	MEASURABLE GOALS		DOCUMENTATION	RESPONSIBLE PARTY
(a)(iii) The permittee shall continue to implement a program to sweep all paved streets and parking lots maintained by the permittee at least once a year as soon as possible after snowmelt.	Continue to implement existing annual sweeping program **UIS Strategy:** Priority will **continue to** be given to sweeping within two highest priority UIS watersheds as soon as possible after snowmelt.	Unless and until a MEPDES MOA is developed to address this requirement, MTA will continue to implement the existing annual programs (e.g., sweeping memo from Highway Maintenance Director with prioritized areas, catch basin and outfall inspection program by Highway Maintenance, maintenance facility inspections/SWPPPs, etc.)	Year 1: Year 2: Years 3-5:	Continue to implement MTA's existing annual sweeping program, unless or until a MEPDES MOA with DEP addresses this requirement	Maintain documentation for sweeping program and/or MOA development, implementation, etc.	Environmental Services Coordinator and/or Designated Consultant
(a)(iv) The permittee shall continue to 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.	Continue to implement existing annual catch basin cleanout program **UIS Strategy:** Priority will **continue to prioritize** cleaning out catch basins within two highest priority UIS watersheds before others within UA.		Year 1: Year 2: Years 3-5:	Continue to implement MTA's existing annual catch basin cleanout program, unless or until a MEPDES MOA with DEP addresses this requirement	Maintain documentation for catch basin cleanout program and/or MOA development, implementation, etc.	Environmental Services Coordinator and/or Designated Consultant
(a)(v) The permittee shall evaluate and implement a prioritized schedule, as necessary, for repairing or upgrading conveyances, structures and outfalls of the regulated small MS4.	Continue existing annual comprehensive inspection of MTA infrastructure and operations conducted by General Engineering Consultant that includes a prioritized schedule for repairing and upgrading MS4 associated infrastructure **UIS Strategy:** Additional information will be provided in the two highest priority UIS watersheds.		Year 1: Year 2: Years 3-5:	Continue to implement MTA's existing annual inspection program of infrastructure and operations, unless or until a MEPDES MOA with DEP addresses this requirement	Maintain documentation for annual inspection program and/or MOA development, implementation, etc.	Environmental Services Coordinator and/or Designated Consultant
(a)(vi) The permittee shall evaluate and implement their stormwater pollution prevention plan(s) ("SWPPP") for vehicle maintenance facilities operated by the permittee within the UA unless the facility is currently regulated under Maine's Industrial Stormwater Program. The SWPPP must meet the requirements including the quarterly monitoring per Maine's Multi-Sector General Permit ("MSGP") published April 26, 2011.	Continue to implement existing programs		Year 1: Year 2: Years 3-5:	Continue to implement MTA's existing program, unless or until a MEPDES MOA with DEP addresses this requirement	Maintain documentation for SWPPP compliance and/or MOA development, implementation, etc.	Environmental Services Coordinator and/or Designated Consultant

Italic Font = 2013 *MS4 permit language*
Red font = UIS Strategy

APPENDIX A

MS4 General Permit

State of Maine
Department of Environmental Protection
Bureau of Land and Water Quality

General Permit for the Discharge of Stormwater from Maine Department of Transportation and Maine Turnpike Authority Municipal Separate Storm Sewer Systems

MER043000

General Permit— Maine Department of Transportation (Maine DOT) and Maine Turnpike Authority (MTA) Municipal Separate Storm Sewer Systems

Maine Pollutant Discharge Elimination System (MEPDES)

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PART I. General Coverage Under This Permit

A. Permit Coverage. This General Permit authorizes the direct discharge of stormwater from a regulated small Municipal Separate Storm Sewer System (MS4) operated by Maine Department of Transportation ("MaineDOT") or Maine Turnpike Authority ("MTA") to a MS4 or waters of the State other than groundwater. Dischargers 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 MaineDOT and MTA 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 as determined by the inclusive sum of the 2000 and 2010 Decennial Census by the Bureau of Census.

1. **Effective date of this general permit.** This General Permit is effective July 1, 2013, and authorization to discharge under this General Permit expires at midnight June 30, 2018. The Department intends subsequent re-issuance of this Municipal Separate Storm Sewer System General Permit. This General Permit replaces Maine's General Permit for the Discharge of Stormwater from Maine Department of Transportation and Maine Turnpike Authority Small Municipal Separate Storm Sewer Systems issued July 1, 2008.

B. Authority. A waste discharge permit is required for the direct or indirect discharge of pollutants to waters of the State.[1] A general permit may be issued for point source discharges (direct discharges) of stormwater.[2] A violation of a condition or requirement of a general permit constitutes a violation of Maine's water quality laws and the federal Clean Water Act, and subjects the discharger to penalties under Organization and Powers, 38 M.R.S.A. § 349, and § 309 of the Clean Water Act.[3] Nothing in this General Permit is intended to limit the Department's authority under the waste discharge and water classification statutes or rules. This General Permit does not affect requirements under other applicable Maine statutes such as Site Location of Development (Site Law), Stormwater Management, and Natural Resources Protection (NRPA).

This General Permit does not prevent MaineDOT or MTA from adopting stricter standards than contained in this General Permit, or in state or federal law.

C. Continuation of General Permit Coverage. Coverage under this General Permit will be continued provided there are no changes in the discharge as described in the NOI. If changes occur or are proposed, the permittee having filed the NOI shall notify the Department, as specified in this General Permit. Upon reissuance of a new general permit, permittees wishing to continue coverage shall submit a new NOI to the Department.

If this permit is not reissued, revoked or replaced prior to the expiration date, but the Department makes a determination that it is to be renewed, with or without changes, it will be administratively continued and remain in force and effect. In that case, any permittee who

[1] See 38 M.R.S.A. § 413.
[2] See General Permits for Certain Wastewater Discharges, 06-096 CMR 529(2)(a)(2)(i) (last amended June 27, 2007).
[3] See 40 CFR §122.36.

was granted permit coverage prior to the expiration date will automatically remain covered by the continued permit until the earlier of:

1. Reissuance or replacement of this General Permit, at which time the permittee must submit a new NOI to the Department in accordance with the new General Permit to maintain authorization to discharge;
2. The permittee's submittal of a Notice of Termination;
3. Issuance of an individual permit for the permittee's discharges; or
4. A formal permit decision by the Commissioner not to reissue this General Permit, at which time the permittee shall seek coverage under an alternative general permit or individual permit.

D. Limitations on Coverage. This General Permit does not authorize a stormwater discharge that requires an individual waste discharge permit or is required to obtain coverage under another waste discharge general permit. The Department may require any person with a discharge authorized by this General Permit to apply for and obtain an individual permit.[4] Any interested person may petition the Department to take action under this paragraph. Examples of when an individual waste discharge permit may be required are specified in rule.[5]

1. **Compliance with this General Permit.** This General Permit does not authorize a stormwater discharge that is not in compliance with the requirements of this General Permit, or a discharge that fails to reduce the discharge of pollutants from the permittee's MS4 to the maximum extent practicable ("MEP"), to protect water quality, and to satisfy the water quality requirements of the Clean Water Act. If the Department determines that the standards of this General Permit have not been met, the Department shall notify the person and may:

   a. Authorize coverage under this General Permit after appropriate controls and implementation procedures designed to bring the discharge into compliance with this General Permit and water quality standards have been implemented as determined by the Department;

   b. Require an individual waste discharge permit;

   c. Inform the person that the discharge is prohibited; or

   d. Take enforcement action to address the violation(s).

2. **Non-stormwater.** This General Permit does not authorize discharges that are mixed with sources of non-stormwater, other than those discharges in compliance with Part IV(H)(3)(b).

3. **Discharge of hazardous substances, chemicals, or oil.** This General Permit does not authorize the discharge of hazardous substances, chemicals, or oil resulting from an on-site spill.

4. **Total Maximum Daily Load (TMDL).** This General Permit does not authorize a direct discharge that is inconsistent with any EPA approved TMDL waste load allocation,

[4] See 06-096 CMR 529(2)(B)(3).
[5] See 06-096 CMR 529(2)(B)(3)(i)(A)-(G)

except where the TMDL does not provide adequate information to develop specific measures to protect water quality, and any implementation plan for the waterbody to which the direct discharge drains.

5. **Violation of water quality standards.** This General Permit does not authorize a discharge that causes or contributes to a violation of a water quality standard. Discharges covered under this permit may not:

   a. Contain any pollutant, including toxic substances, in quantities or concentrations, which may cause or contribute to any adverse impact on the receiving water;
   b. Be to a receiving water which is not meeting its classification standard for any characteristic which may be affected by the discharge; or
   c. Impart color, taste, turbidity, radioactivity, settleable materials, floating substances or other properties that cause the receiving water to be unsuitable for the designated uses ascribed to its classification.

6. **Waste discharge license (groundwater).** A waste discharge license (WDL) may be required for the discharge of stormwater through any well or wells, including drywells and subsurface fluid distribution systems. For complete requirements, see Rules To Control The Subsurface Discharge Of Pollutants, 06-096 CMR 543 (effective October 6, 2006), and Stormwater Management, 06-096 CMR 500 Appendix D (last amended December 27, 2006).

   A "subsurface fluid distribution system" is an assemblage of perforated pipes, drain tiles, or similar mechanisms intended to distribute fluids below the surface of the ground. A "well" is a bored, drilled, or driven shaft the depth of which is greater than the largest surface dimension, whether the shaft is typically dry or contains liquid; or a dug hole the depth of which is greater than the largest surface dimension; or a subsurface fluid distribution system. "Well injection" means the subsurface discharge of fluids into or through a well.

7. **Reopener.** This General Permit may be modified or reopened by the Department as provided in Water Pollution Control Law, 38 M.R.S.A. § 414-A(5).

PART II. Definitions

The following terms have the following meanings as used in this General Permit in addition to the definitions found in Chapter 520 of the Department's rules, and applicable statutory definitions.

A. **Applicant.** "Applicant" means a transportation entity, MaineDOT or MTA, which files an NOI pursuant to Part III of this General Permit.

B. **Best Management Practices ("BMP").** "Best Management Practices" or "BMPs" means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

C. **Commissioner.** "Commissioner" means the Commissioner of the Maine Department of Environmental Protection.

D. Construction Activity. "Construction Activity" or "activity" means:

1. Construction activity including one acre or more of disturbed area, or an activity with less than one acre of total land area that is part of a common plan of development or sale, if the common plan of development or sale will ultimately disturb equal to or greater than one acre[6]; or

2. Any other construction activity designated by the Department based on the potential for contribution to a violation of a water quality standard or for significant contribution of pollutants to waters of the State.

E. Department. "Department" means the State of Maine Department of Environmental Protection.

F. Discharge. "Discharge" means any spilling, leaking, pumping, pouring, emptying, dumping, disposing or other addition of pollutants to waters of the State other than groundwater. "Direct discharge" or "point source" means any discernible, confined and discrete conveyance, including, but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation or vessel or other floating craft, from which pollutants are or may be discharged.[7]

G. Disturbed Area. "Disturbed Area" means all land areas that are stripped, graded, grubbed, filled or excavated at any time during the site preparation or removing vegetation for, or construction of, a project. Cutting of trees, without grubbing, stump removal, disturbance or exposure of soil is not considered "disturbed area" "Disturbed area" does not include routine maintenance, but does include redevelopment and new impervious areas. "Routine maintenance" is maintenance performed to maintain the original line and grade, hydraulic capacity, and original purpose of the facility. Paving impervious gravel surfaces while maintaining the original line and grade, hydraulic capacity and original purpose of the facility is considered routine maintenance.

H. Illicit Discharge. "Illicit Discharge" means any non-permitted discharge to a regulated small MS4 or the waters of the State that does not consist entirely of stormwater or authorized non-stormwater discharges identified in Part IV (H)(3)(b).

I. Impaired Waterbody. "Impaired Waterbody" means a waterbody that is not attaining water quality criteria or standards, as determined by the Department.

J. Low Impact Development ("LID"). "Low Impact Development" or "LID" means an approach to land development or redevelopment that provides water quality treatment of stormwater as close to its source as possible.

K. Maximum Extent Practicable ("MEP"). "Maximum Extent Practicable" or "(MEP)" means available and feasible considering cost, existing technology, and logistics based on the overall purpose of the project. MEP is the Clean Water Act standard that establishes the level of pollutant reductions that operators of regulated small MS4s must achieve. The reduction

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[6] Common plan of development or sale has the same meaning as defined in the Maine Construction General Permit

[7] See Water Classification Program, 38 M.R.S.A. § 466(5) (definition of "direct discharge") and 06-096 CMR 520 (definition of "point source").

of pollutants is achieved by implementing BMPs and other requirements of this General Permit in an iterative process that continually adapts to current conditions and BMP effectiveness, on a location-by-location basis, taking into consideration such factors as condition of receiving waters, specific local concerns, a comprehensive watershed plan, MS4 size, climate implementation schedules, current ability to finance the program, beneficial uses of receiving water, hydrology, geology, and capacity to perform operation and maintenance. The goal of the General Permit, and the projects required to be undertaken under the General Permit, is to protect and improve water quality.

L. **MaineDOT.** "MaineDOT" means the Maine Department of Transportation

M. **MTA.** "MTA" means the Maine Turnpike Authority

N. **Municipal Separate Storm Sewer System ("MS4").** "Municipal Separate Storm Sewer System" or "(MS4)" means a conveyance or system of conveyances designed or used for collecting or conveying stormwater (other than a publicly owned treatment works (POTW), as defined at 40 CFR 122.2, or a combined sewer), including, but not limited to, roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, human-made channels or storm drains owned or operated by any municipality, sewer or sewage district, Maine Department of Transportation (MaineDOT), Maine Turnpike Authority (MTA), State agency or Federal agency or other public entity that discharges directly to waters of the State other than groundwater.

O. **Notice of Intent ("NOI").** "Notice of Intent" or "NOI" means a notification of intent to seek coverage under this General Permit, as provided in Part III(A), made by the applicant to the Department on a form provided by the Department.

O. **Outfall**. "Outfall" means the point source where the MS4 discharges from a pipe, ditch or other discrete conveyance to the waters of the State other than groundwater, or to another MS4 and does not include pipes, such as cross culverts, tunnels or other conveyances which connect segments of the same stream or other waters of the State and are used to convey waters of the State.

P. **Permittee.** "Permittee" means either of the transportation entities authorized under this General Permit: Maine Department of Transportation (MaineDOT) or the Maine Turnpike Authority (MTA).

Q. **Person.** "Person" means an individual, firm, corporation, municipality, quasi-municipal corporation, state agency, federal agency or other legal entity which creates, initiates, originates or maintains a discharge authorized by this General Permit. [8]

R. **Redevelopment.** "Redevelopment" means, an activity undertaken to redevelop property in which the new developed area, not including maintenance, is located within the same footprint as the existing developed area. Redevelopment projects do not include such activities as exterior remodeling.

S. **Regulated Small MS4.** "Regulated Small MS4" means any Small MS4 authorized by this General Permit or the general permits for the discharge of stormwater from State or

[8] See Protection and Improvement of Waters Laws – General Provisions, 38 M.R.S.A. § 361-A(4).

Federally-owned Small MS4s or Small Municipal MS4s, including all those located partially or entirely within an Urbanized Area (UA). A list of these regulated small MS4 municipalities is included in Appendix A of this General Permit.

T. **Small MS4.** "Small MS4" means any MS4 that is not already covered by the Phase I MS4 stormwater program including municipally owned or operated storm sewer systems, State or Federally-owned systems, such as colleges, universities, prisons, MTA and MaineDOT road systems and facilities, and military bases and facilities.

U. **Stormwater.** "Stormwater" means the part of precipitation including runoff from rain, or melting ice and snow that flows across the surface as sheet flow, shallow concentrated flow, or in drainageways. "Stormwater" has the same meaning as "storm water".

V. **Stormwater Pollution Prevention Plan ("SWPPP").** Stormwater Pollution Prevention Plan ("SWPPP") means a written plan developed and implemented by each permittee to reduce or eliminate pollutants for facilities described in this General Permit.

W. **Total Maximum Daily Load ("TMDL").** "Total Maximum Daily Load" or "TMDL" means the maximum capacity of a surface water to assimilate a pollutant as established by the Department and approved by the U.S. Environmental Protection Agency ("EPA"), consistent with the definitions set forth in 40 CFR Part 130, including pollutants contributed by point and non-point sources, natural background and a margin of safety.

X. **Urban Impaired Stream.** "Urban Impaired Stream" means a stream that fails to meet water quality standards because of effects of stormwater runoff from developed land. Urban impaired streams are those streams identified and listed in Chapter 502, Appendix B of the Department of Environmental Protection Rules as of the issuance of this General Permit. A list of the urban impaired streams is included in Appendix B of this General Permit.

Y. **Urban Runoff.** "Urban Runoff" means stormwater runoff from an Urbanized Area, and may contain elevated levels of pollutants such as hydrocarbons, heavy metals and nutrients which may cause or contribute to a waterbody's impairment. In many instances frequent elevated storm flows, low base flows, and high temperatures will also be significant contributors to a waterbody's impairment.

Z. **Urbanized Area ("UA").** "Urbanized Area" or "UA" means the areas of the State of Maine so defined by the inclusive sum of the 2000 decennial census and the latest decennial census (2010) by the U.S. Bureau of the Census.

Part III. Procedure

A. **NOI Requirements.** MaineDOT and MTA each shall file with the Department a NOI form that meets the requirements of Part III of this General Permit. The NOI must be submitted no later than July 30, 2013. By submitting a signed NOI, the applicant agrees to comply with the terms and conditions of this General Permit.

B. **Scope of NOI.** MaineDOT/MTA shall each register on one set of NOI form(s) for all discharges from the regulated small MS4s within the UAs operated by MaineDOT/MTA.

C. **Submission.** The applicant shall file the NOI using a form(s) provided by the Department. The applicant shall sign the NOI in accordance with Part III(D)(2). The NOI must be

submitted to the Department with the appropriate fee, with failure of proper payment resulting in summary rejection of the NOI as incomplete. An applicant is not prohibited from submitting an NOI after July 30, 2013. If a late NOI is submitted, authorization to discharge is only for discharges that occur after obtaining authorization pursuant to Part III(E). The Department reserves the right to take appropriate enforcement actions for any unpermitted discharges.

D. Contents of NOI

1. **NOI Form.** The NOI must be filed on a form(s) provided by the Department and must include the following.

   a. Name of transportation entity and the name, title, address, email address, and telephone number of the principal stormwater contact person.

   b. Permit number assigned to the transportation entity under the previous Department MS4 permit.

   c. Name of the Urban Impaired stream(s), non-impaired stream(s), wetlands and waterbody(s) to which the transportation entity discharges within each regulated small MS4 municipality.

   d. Maps or a narrative description indicating roads and drainage ways that the permittee is responsible for within the UA.

2. **Signatory Requirements.** All Notices of Intent, reports certifications or information either submitted to the Department, or that this permit requires to be maintained by the permittee, must be signed and certified in accordance with Applications for Waste Discharge Licenses, 06-096 CMR 521(5) (effective date January 23, 2001).

   The signature of the transportation entity's chief elected official or principal executive officer, and any individual or individuals responsible for actually preparing the NOI form, each of whom shall certify in writing as follows:

   > "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 that 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."

3. **Filing an NOI form.** An NOI must be filed with the Department at the following address:

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

4. **Additional information.** The Department may require an applicant to submit additional information that the Department reasonably deems necessary to evaluate the consistency of the subject activity with the requirements for authorization under this General Permit.

E. Obtaining Authorization.

1. **Interim Coverage.** Upon the Department's receipt of the NOI, the applicant is authorized to discharge on an interim basis for up to 180 days from the effective date of this permit. The applicant shall meet the standards contained in this General Permit during the interim period. Interim coverage will terminate earlier than 180 days if a complete Stormwater Program Management Plan has been submitted by the applicant, reviewed by the Department, and coverage under this permit is either granted or denied by the Department. The applicant is authorized to discharge under the terms and conditions of this permit when coverage under this permit is granted. The Department shall provide written notice of coverage or denial of the NOI.

2. **Public Notice and Comment.**

   a. Applicant Public Notice and Comment. Applicants are required to publish a public notice that the NOI is being filed with the Department of Environmental Protection. The notice must be published within 30 days prior to the NOI being sent to the Department. The notice may be published in the legal advertisement section of a daily or weekly newspaper having general circulation in the area where the discharges authorized by this permit will occur. Applicants are required to provide a letter of notice to all regulated small MS4 municipalities into which the transportation entity discharges, and also to persons who have requested to be notified of the NOI application, provided that the Department has provided the mailing addresses of such interested persons to the respective applicants. If the public notice is not published at the proper time, or if the NOI is returned because it is incomplete, the Department may require that notice be published a second time.

   b. Department Public Notice and Comment. The Department will provide a public notice and opportunity for comment on the contents of the submitted NOIs and Stormwater Program Management Plans by making information available on the internet.

   The public comment period is a minimum of 20 days. Based on a review of the NOI or other information, the Department may extend the public comment period, require additional information or may deny coverage under this permit and require submission of an application for an individual or alternative MPDES permit.

3. **Action by Commissioner.** The Commissioner shall return as incomplete any NOI that does not satisfy the requirements of Part III (C) and Part III (D) of this General Permit.

   a. The Commissioner may deny coverage under this General Permit if more than 30 days have elapsed following the applicant's receipt of a written request by the Commissioner that the applicant submit additional information required pursuant to this General Permit and the applicant has not timely and completely submitted such information.

b. The Commissioner shall deny coverage under this General Permit if the subject activity is ineligible for this General Permit, if the applicant cannot or is unlikely to comply with this General Permit, or for any other reason provided by law.

4. **Denial of Coverage.** Denial of coverage under this General Permit constitutes notice to the applicant that the subject activity may not lawfully be conducted or maintained without issuance of an individual MEPDES permit or coverage under an alternative general permit. Denial of coverage under this General Permit must be in writing.

Part IV. Requirements

MaineDOT/MTA shall at all times continue to meet the requirements for authorization set forth in Part I of this General Permit. In addition, each permittee shall assure that authorized activities are conducted in accordance with the following conditions.

A. Stormwater Program Management Plan. Each permittee shall develop, implement, and enforce a Stormwater Program Management Plan ("Plan") implementing six minimum control measures, set forth in Section H below, that are designed to reduce the discharge of pollutants from the transportation entity's 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, 2013.

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 separate storm sewer system within the UA. The "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. The permittee shall submit the regulated small MS4's comprehensive Stormwater Program Management Plan for Department review by no later than December 2, 2013.

1. **Stormwater Program Management Plan Requirements.**

   a. For each of the six Minimum Control Measures in Part IV(H), the following information must be included:

      i. The measurable goal(s) by which each BMP will be evaluated;

      ii. The person(s) or position(s) responsible for implementing each BMP; and

      iii. The date by which each BMP will be implemented including as appropriate, time lines and milestones for implementation of BMPs.

Note: Guidance documents that may be used in the development of BMPs and measurable goals include, but are not limited to, the following:

- EPA's BMP menu,
- EPA's guidance on Measurable goals
- MaineDOT's Best Management Practices for Erosion & Sedimentation Control

b. Additional stormwater treatment controls within the UA are necessary for Urban Impaired Stream watersheds. For discharges from the permittee's infrastructure and operations within the UA, to an Urban Impaired Stream, the permittee shall implement structural and non-structural measures to the maximum extent practicable necessary to control, the discharge of stormwater runoff including known pollutants of concern. Pollutant(s) of concern refer to the pollutant(s) identified as causing or contributing to the waterbody's impairment. Urban runoff may be used as a surrogate pollutant of concern where information is lacking on specific causes of impairment.

B. Keeping Plans Current. The permittee shall keep the Plan current. Circumstances when the Plan must be amended include the following:

1. Amended plan. The Plan must be amended if the Department or the permittee determines that:

a. The actions required by the Plan fail to ensure or adequately protect against pollution of the waters of the State other than groundwater;

b. The Plan does not prevent the potential for a significant contribution of pollutants to waters of the State other than groundwater;

c. The Plan does not meet one or more requirements of this General Permit; or

d. New information results in a shift in the Plan's priorities.

2. Department notification. The Department shall notify the permittee if Department determines that the Plan must be amended. Within 30 days of such notification, unless otherwise specified by the Department in writing, the permittee shall respond to the Department indicating how the permittee intends to modify the Plan to address these requirements. Within 90 days of this response or within 120 days of the original notification, whichever is less, unless otherwise specified by the Department in writing, the permittee shall revise the Plan. The permittee shall perform all actions required by the revised Plan in accordance with the timelines in the revised Plan, and certify to the Department that the requested changes have been made and implemented.

3. Permittee information. The permittee shall provide such information as the Department requires to evaluate the Plan and its implementation. The permittee shall note minor modifications to the Plan in its annual report. Major modifications to the Plan such as a change in the Plan's priorities must be submitted to the Department and approved prior to implementation.

C. Failure to Prepare or Amend the Plan. Failure to complete or update a Plan in accordance with this General Permit does not relieve a permittee of responsibility to implement actions required to protect the waters of the State other than groundwater and to comply with all conditions of this General Permit.

D. Evaluation and Assessment. As specified in Part IV(J)(1), the permittee shall evaluate program compliance, the appropriateness of identified best management practices, and progress towards achieving identified measurable goals.

E. Assessment of Stormwater Program Management Plan. The Plan must address the six Minimum Control Measures as required in this permit. The Plan must, at a minimum, include the measures indicated as required within the UA of the municipality in which the permittee operates an MS4. The permittee may also include in the Plan those measures indicated as suggested and any other measures the permittee deems appropriate. This General Permit only requires implementation of the minimum control measures within the UA to the extent the measures will have an impact on the MS4, and for transportation facilities, operations and activities within the UA, that discharge to waters of the State other than groundwater.

F. Signature Requirements

1. **Signature.** The Plan must be signed by the chief elected official or principal executive officer. The Plan must be retained by the chief elected official or principal executive officer for the duration of the permit period and copies must be available and retained by permittee's officials or employees responsible for implementation of the Plan.

2. **Plan availability.** The permittee shall 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 permittee'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.

G. Annual Fee. Coverage under an existing general permit will be continued upon payment of an annual fee. An annual fee must be submitted by no later than July 15 each year, starting July 15, 2013. Fees must be paid by check or money order payable to **Treasurer, State of Maine.**

H. Minimum Control Measures. For each Minimum Control Measure, the permittee shall: 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 Minimum Control Measures to be included in the Plan are as follows.

1. **Public education and outreach on stormwater impacts.**

   The three goals of this minimum control measure are:
   1. To raise awareness that polluted stormwater runoff is one of the most significant sources of water quality problems for Maine's waters;
   2. To motivate staff and contractors 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.

   a. Required Strategies.

   i. <u>Raise Awareness (Goal 1):</u> Beginning July 1, 2013, each permittee shall

continue raising awareness of stormwater issues amongst employees and contractors.

1. Each permittee shall establish measurable goals. Progress on these goals must be reported annually for process indicators and in years 1 (background), 3 and 5 for impact indicators.

NOTE: Measurable goals are described in the Phase II rule as BMP design objectives or goals that quantify the progress of program implementation and the performance of BMPs. Measurable goals are objective markers or milestones that each permittee (and the permitting authority) use to track the progress and effectiveness.

NOTE: Process indicators relate to the execution of the program (e.g., Percent or number of employees who attend a training. Was a measureable action completed such as new information posted at a facility or job site?). Impact indicators relate to the achievement of the goals and objectives of the program (e.g., what effect did the effort have on changing behavior? Examples may include the percent of employees who can correctly describe: sources of stormwater pollution, proper spill response, or maintenance of a BMP.)

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2. Each permittee shall include a review in its fifth year Annual Report. The review must include an analysis of the process indicators and impact indicators.

ii. Targeted BMP Adoption (Goal 2): Beginning July 1, 2013, each permittee shall continue outreach efforts from the previous permit cycle while encouraging employees and contractors to utilize BMPs that minimize stormwater pollution.

1. Each permittee shall set measurable goals. Progress on these goals must be reported annually for process indicators and in years 1 (background), 3 and 5 for impact indicators.

2. The permittee shall include a review in fifth year Annual Report. The review must include an analysis of the process indicators and impact indicators.

iii. Compliance with this minimum control measure will be based upon whether the permittee:

a) Continued existing education and outreach efforts;
b) Reported process and impact indicators; and
c) Completed annual reports and a 5-year analysis of the plans.

b. Suggested Strategies.

i. Partnering with local organizations: A critical mass is most often needed for new ideas to be accepted and behaviors adopted before there is a new norm. With this in mind, a permittee may wish to become involved with the local regulated stormwater municipalities. Joint training events, coordination of stormwater work in the community, and participation in other municipal events may help to strengthen the effectiveness of protecting Maine's water resources.

2. Public involvement and participation.

The goal of this minimum control measure is to involve the permittees community

including various departments, bureaus or facilities, and when applicable involve regulated small MS4 communities in both the planning and implementation process of improving water quality and reducing quantity via the stormwater program. An active and involved participation process is crucial to the success of a stormwater management program because it allows for broader support, additional expertise and a conduit to other programs.

a. Required Strategies.

i. Public notice requirements. The permittee shall comply with applicable state and local Public Notice requirements using effective mechanisms for reaching the public, and comply with the public notice requirements of the Maine Freedom of Access Act, 1 M.R.S.A. §§ 401 et seq. ("FOAA") when the permittee involves stakeholders in the implementation of this General Permit. The permittee shall document the meetings and attendance through the annual report as a way of measuring this goal.

ii. Coordinate with regulated community(s). The permittee shall coordinate efforts by providing information on planned construction, and maintenance activities to Regulated Small MS4 municipal stormwater coordinators. The permittee shall develop a strategy to ensure involvement, mutual cooperation and coordination with the Regulated Small MS4 municipalities, and report on such efforts annually pursuant to Part IV(J) on joint efforts, meetings attended, projects and coordination.

3. Illicit discharge detection and elimination.

a. Required Strategies. Each permittee shall develop, implement and enforce a program to detect and eliminate illicit discharges and non-stormwater discharges, as defined in 06-096 CMR 521(9)(b)(2), except as provided in Part IV(H)(3)(b) of this permit.

i. By June 30, 2015, each permittee shall ground verify its watershed based storm sewer system infrastructure map(s) in its highest priority watershed within the UA showing the location of all stormwater catch basins, connecting surface and subsurface infrastructure depicting the direction of in-flow and out-flow pipes, and the locations of all discharges from all stormwater outfalls operated by the regulated small MS4. Each catch basin must be uniquely identified to facilitate control of potential illicit discharges, and to ensure proper operation and maintenance of the structures. For each outfall, the following information must be included: type, (e.g. 24" concrete pipe or ditch) material, and size of conveyance, or channelized flow the name and location of the immediate surface waterbody or wetland to which the stormwater runoff eventually discharges. If an outfall does not discharge directly to a named waterbody, identify the name and location of the nearest named waterbody to which the outfall eventually discharges.

ii. Each permittee shall continue to implement a prioritized dry weather outfall inspection plan based on drainage areas such as an urban impaired stream watershed, or based on a watershed or sub-watershed that the permittee has identified as having the greatest potential threat to the receiving water. (See *Guidelines and Standard Operating Procedures For Stormwater Phase II*

Communities in Maine volumes 1 and 2)

In the first permit year, each permittee shall petition regulated MS4 municipalities to conduct a coordinated dry weather MS4 inspection program. In permit years two through five each permittee shall implement at least two coordinated watershed based illicit discharge detection and elimination programs. Permittees shall continue to implement prioritized dry weather inspections for remaining urban impaired streams within the UA. MaineDOT/MTA shall continue to implement its procedure/policy or protocol that details the steps that must be taken when an illicit discharge is identified during these inspections to locate the source of the illicit discharge and eliminate it.

iii. MaineDOT/MTA shall implement an illicit discharge detection and elimination program to their open ditch system within their two highest priority watersheds.

b. This permit authorizes the following non-stormwater discharges provided they do not contribute to a violation of water quality standards, as determined by the Department; these discharges must be addressed in the Plan if they are identified by the permittee as significant contributors of pollutants to the regulated small MS4.

- landscape irrigation
- diverted stream flows
- rising ground waters
- uncontaminated ground water infiltration (as defined at 40 CFR 35.2005(20))
- uncontaminated pumped ground water
- uncontaminated flows from foundation drains
- air conditioning and compressor condensate
- irrigation water
- flows from uncontaminated springs
- uncontaminated water from crawl space pumps
- uncontaminated flows from footing drains
- lawn watering runoff
- flows from riparian habitats and wetlands
- residual street wash water (where spills/leaks of toxic or hazardous materials have not occurred, unless all spilled material has been removed and detergents are not used)
- hydrant flushing and fire fighting activity runoff
- water line flushing and discharges from potable water sources

4. Construction site stormwater runoff control.

a. Required Strategies. Continue to implement, and enforce a program or modify an existing program, to reduce pollutants in any stormwater runoff including discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste that may cause adverse impacts to water quality from construction activities that result in a land disturbance of greater than or equal to one acre. Reduction of stormwater discharges from construction activity disturbing less than one acre must be included in the program if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more. Each permittee must include standard operating procedures for addressing and implementing compliance inspections and enforcement actions.

5. **Post-construction stormwater management in new development and redevelopment.**
   a. **Required Strategies.**

      i. Each permittee shall continue to implement, and enforce 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 MS4 or directly to waters of the State other than groundwater. This program must ensure that controls are in place that are designed to prevent or minimize water quality impacts.

      ii. Each permittee shall develop and implement strategies that include a combination of structural and/or non-structural best management practices (BMPs) appropriate for its regulated small MS4.

      iii. To ensure adequate long-term operation and maintenance of post construction BMPs, each permittee shall develop and implement, as part of its Stormwater Program Management Plan, an approved BMP inspection schedule that at a minimum stipulates that new BMPs are inspected at least once during the first year of installation. Post construction BMP inspections must determine if the BMP is adequately maintained and is functioning as intended or requires maintenance. If the post construction BMP requires maintenance, provide a record of the deficiency and corrective action(s) taken. Each permittee shall include the following in their annual report:
         - The cumulative number of post construction BMPs discharging directly into waters of the State other than groundwater or into or from their separate storm sewer system;
         - 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.

6. **Pollution prevention and good housekeeping in community/facility operations.** This Minimum Control Measure has the ultimate goal of preventing or reducing pollutant runoff from MaineDOT's/MTA's roads, other paved surfaces, infrastructure, and facilities through the development and implementation of an operation and maintenance ("O&M") program. The O&M program must include the following.
   a. **Required Strategies**

      i. Each permittee shall evaluate and maintain its inventory of potential pollutant sources and associated operations conducted in, on, or associated with facilities, buildings, roads, travel ways including right-of-way owned or operated by the permittee that have the potential to cause or contribute to stormwater or surface water pollution. Each permittee shall continue to implement its written operation and maintenance procedures that include 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. 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;
- landscaping and lawn care including, where applicable and not subject to other federal regulations, 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;
- disposal of road-killed wildlife.

ii. Each permittee shall continue to implement annual employee training to prevent and reduce stormwater pollution from permittee operations and facilities. The permittee shall report annually on the types of trainings presented, the number of employees and contractors that received training, the length of the training, and training effectiveness.

iii. The permittee shall continue to implement a program to sweep all paved streets and parking lots maintained by the permittee at least once a year as soon as possible after snowmelt.

iv. The permittee shall continue to 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 consistent with the requirements of current state law. The permittee shall clean catch basins more frequently if inspections indicate excessive accumulation of sediment. Excessive accumulation is greater than or equal to 50 percent filled.

v. The permittee shall evaluate and implement a prioritized schedule, as necessary, for repairing or upgrading conveyances, structures and outfalls of the regulated small MS4.

vi. The permittee shall evaluate and implement their stormwater pollution prevention plan(s) ("SWPPP") for vehicle maintenance facilities operated by the permittee within the UA unless the facility is currently regulated under Maine's Industrial Stormwater Program. The SWPPP must meet the requirements including the quarterly visual monitoring per Maine's Multi-Sector General Permit ("MSGP") published April 26, 2011.

I. Sharing responsibility

1. **Reliance on other entity.** The permittee may satisfy the requirement to implement a BMP for a Minimum Control Measure by having a third party implement the BMP. For example, if a local watershed organization organized or funded by the permittee to perform an annual "river clean-up", this event may be used to satisfy a BMP for the Public Participation and the Pollution Prevention and Good Housekeeping Minimum Control Measure.

If the permittee is relying on a third party to implement one or more BMP(s), the permittee shall note that fact in the Stormwater Program Management Plan and annual report required in Part IV(J) below. If the third party fails to implement the BMP(s), the permittee remains responsible for its implementation.

2. **Qualifying State or Federal Program.** If a BMP or Minimum Control Measure is the responsibility of a third party under another NPDES or MEPDES permit, the permittee is not required to include such BMP or Minimum Control Measure in its stormwater management program. The permittee shall reference this qualifying program in its Stormwater Program Management Plan. The permittee is not responsible for implementation of a qualifying program if the third party fails to perform. The permittee shall periodically confirm that the third party is still implementing this measure. If the third party fails to implement the measure, the Plan may be modified to address the measure, if necessary.

3. **Other MS4 Permittees.** The permittee shall identify interconnections within the regulated small MS4s and find ways to cooperate with other regulated entities. These interconnections include both those leaving the system and those entering the system. To the extent allowable under State or local law, the permittee shall cooperate with an interconnected MS4 in instances of discharges impacting a regulated small MS4.

J. Reporting and record keeping requirements

1. The permittee shall keep records required by this 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

   The report must include the following.

   a. The status of compliance with permit conditions, an assessment of the appropriateness of identified best management practices and progress towards achieving identified measurable goals for each of the Minimum Control Measures.

   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 measurable goals that apply to the program elements.

   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.

2. 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).

3. **Suggested.** Provide an estimate of annual expenditures for permit compliance for the reporting period and projected budget for the following year.[9]

K. **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. This general permit does not authorize a direct discharge that is inconsistent with the waste load allocation ("WLA") of any EPA approved TMDL. 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 require any of the following.

1. Require the permittee to review its plan for consistency with the TMDL, and propose any necessary modification to the plan 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.

3. Require an individual permit.

PART V. Standard Conditions

A. **Removed substances.** Solids, sludges, filter backwash or other pollutants removed or resulting from the treatment of wastewaters shall be disposed of in a manner approved by the Department.

B. **Other applicable conditions.** The conditions in Waste Discharge License Conditions, 06-096 CMR 523(2) (effective January 23, 2001) also apply to discharges pursuant to this General Permit and are incorporated herein as if fully set forth. These conditions address areas such as: duty to comply; need to reduce or halt activity not a defense; duty to mitigate; permit actions; property rights; duty to provide information; and inspection and entry.

C. **Monitoring requirement.** The Department may require monitoring of an individual discharge as may be reasonably necessary in order to characterize the nature, volume or other attributes of that discharge or its sources.

[9] The collection of expenditure data by the Department is solely for the purpose of determining generic program costs not as a measure of the permittee's program compliance or effectiveness. The Department recognizes that expenditure data tracking and reporting methodology may vary from one reporting entity to another, as well as over time, and will assess any data for its validity, relevance and utility as it pertains to the purpose stated above.

D. Other information. When the permittee becomes aware that he or she failed to submit any relevant facts or submitted incorrect information in the Notice of Intent or in any other report to the Department, he or she shall promptly submit such facts or information.

E. Endangered species. Pursuant to State and Local Cooperation Law, 12 M.R.S.A. § 12806, A state agency or municipal government shall not permit, license, fund or carry out projects that will:

1. Significantly alter the habitat identified under Conservation of Endangered Species, 12 M.R.S.A. § 12804, subsection 2 of any species designated as threatened or endangered under this subchapter; or

2. Violate protection guidelines set forth in 12 M.R.S.A. § 12804, subsection 3.

F. Individual permit or alternative general permit. When an individual permit is issued to a discharger otherwise subject to this permit, or the discharger is authorized to discharge under an alternative general permit, the applicability of this permit to the individual permittee is automatically terminated on the effective date of the individual permit or the date of authorization of coverage under the alternative general permit, whichever the case may be. When an individual permit is denied to an operator otherwise subject to this permit, or the operator is denied for coverage under an alternative general permit, the applicability of this permit to the individual NPDES permittee is automatically terminated on the date of such denial, unless otherwise specified by the Commissioner.

Appendix A

Regulated Small MS4 Municipalities

Auburn
Bangor
Berwick
Biddeford
Brewer
Cape Elizabeth
Cumberland
Eliot
Falmouth
Freeport
Gorham
Hampden
Kittery
Lewiston
Lisbon
Milford
Old Orchard Beach
Old Town
Orono
Portland
Sabattus
Saco
Scarborough
South Berwick
South Portland
Veazie
Westbrook
Windham
Yarmouth
York

Appendix B

Urban Impaired Streams

Logan Brook	Auburn
Penjajawoc Stream including Meadow Brook	Bangor
Birch Stream (Ohio Street)	Bangor
Unnamed Brook (Pushaw Road)	Bangor
Arctic Brook (Valley Avenue)	Bangor
Shaw Brook	Bangor, Hampden
Frost Gully Brook	Freeport
Concord Gully	Freeport
Hart/Dill Brook	Lewiston
Jepson Brook	Lewiston
Capisic Brook	Portland
Fall Brook	Portland
Nasons Brook	Portland, Westbrook
Goosefare Brook	Saco, Old Orchard Beach
Trout Brook (including Kimball Brook)	South Portland, Cape Elizabeth
Barberry Creek	South Portland
Long Creek	South Portland, Portland, Westbrook, Scarborough
Phillips Brook	Scarborough
Red Brook	Scarborough, South Portland
Thacher Brook*	Biddeford

This General Permit may be reopened to include or delete specific waterbodies or segments based upon new information. Reopening the General Permit for this purpose is subject to the requirements in 38 MRSA 414-A (5), including notice to interested parties of record and opportunity for hearing. Actions may be appealed as provided in 38 MRSA 341-D and 346.

* DEP data lists Thacher Brook as impaired. This waterbody is scheduled for inclusion in the next revision of Chapter 502, Appendix B of the Department of Environmental Protection Rules. For the purpose of this General Permit, permittees shall consider Thacher Brook as an Urban Impaired Stream.

APPENDIX B

NOI Submittal

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:	Maine Turnpike Authority	**Mailing Address:**	2360 Congress St		
Town/City:	Portland	**State:**	ME	**Zip Code:**	04102
Name and title of chief elected official or principal executive officer:	Peter Mills, Executive Director	**Mailing Address:**	2360 Congress St		
Town/City:	Portland	**State:**	ME	**Zip Code:**	04102
Name of primary contact person responsible for MS4 stormwater management program:	John Branscom Environmental Services Coordinator	**Mailing Address:**	2360 Congress St		
Town/City:	Portland	**State:**	ME	**Zip Code:**	04102
Daytime phone: (with area code)	(207) 871-7771 x 359	**Email if available:**	jbranscom@maineturnpike.com		
Estimate of the area in square miles of the Urbanized Area:	2.12 square miles	**Prior DEP Permit Number(if applicable):**	MER04301		
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):					
See attached table for list of waterbodies, wetlands and streams within UA					

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:	Peter Mills	**Date:**	7 · 23 · 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 General Permit for the Discharge of Stormwater from Maine Department of Transportation and Maine Turnpike Authority Municipal Separate Storm Sewer Systems

Please take note that the Maine Turnpike Authority (MTA) has filed a Notice of Intent (NOI) to comply with the General Permit for the Discharge of Stormwater from Maine Department of Transportation and Maine Turnpike Authority Municipal Separate Storm Sewer Systems. MTA has filed the NOI with the Maine Department of Environmental Protection (DEP).

The application is for the discharge of stormwater from MTA's separated storm sewer system to the following waters:

Androscoggin River	Beaver Brook (Scarborough)
Capisic Brook (Portland)	Cole Brook (Saco)
Deep Brook (Saco)	Finnerd Brook (Scarborough)
Fuller Brook (Kittery)	Goosefare Brook (Saco)
Hart Brook (aka Dill Brook, Lewiston)	Johnson Branch of Presumpscot River (Falmouth)
Libby Brook (Kittery)	Little River (York)
Mill Brook (Scarborough)	Moose Brook (Auburn)
Moulton Brook (York)	Nasons Brook (Portland)
No Name Brook (Lewiston)	Nonesuch River
Presumpscot River	Red Brook (Scarborough)
Saco River	Spruce Creek (Kittery)
Stroudwater River	Thatcher Brook (Biddeford)
York River	

The NOI was filed on July 30, 2013. The NOI and the General Permit are available for public inspection at DEP's Augusta office during normal business hours. A copy may also be seen at MTA Headquarters in Portland, Maine.

Public comment will be accepted until a final administrative action is taken to approve, approve with conditions or deny this application. Written public comments or requests for information may be made to the Municipal/Industrial Stormwater Coordinator, Department of Environmental Protection, State House Station #17, Augusta, Maine 04333-0017. Telephone (207) 287-3901.

MAINE TURNPIKE AUTHORITY

Notice of Intent (NOI) to Comply with MEPDES MS4 (Permit #MER04301)

	2013 Permit[1]		LINEAR ROW ONLY		MTA FACILITIES					
REGULATED SMALL MS4 COMMUNITY	MILE MARKER DELINEATION [2 6] Northern Boundary	Southern Boundary	LINEAR DISTANCE OF UA SEGMENT (linear miles)	ASSUMED AREA[3] OF UA SEGMENT (sq. miles)	ASSUMED AREA[3] WITHIN UA (approx. acreage)	CALCULATED AREA IN UA (sq. miles)	MTA FACILITY FEATURES [3] WITHIN UA (Roadway and ROW assumed)	LAKES [4]	MM	STREAMS [4]
SABATTUS	**MM 84.3** Lisbon Road Underpass	**MM 83.6** Sabattus Town Line	**0.7**	**0.04**			*None identified*	*None identified*		*None identified*
LEWISTON	**MM 83.6** Lewiston / Sabattus town line	**MM 78.9** Androscoggin River	**4.7**	**0.27**	**25**	**0.04**	**Exit 80** Interchange (ramps) **Exit 80** Park and Ride (parking lot)	*None identified*	83.4 82.6 80.3 79.9 79.6 79.4 78.9	Unnamed tributary of No Name Brook (crosses Turnpike south of Grove Street overpass) No Name Brook **Hart Brook** [5] (aka Dill Brook) crosses 4 times At Alfred A Plourde Parkway overpass North of Goddard Road South of Goddard Rd South of River Road) Androscoggin River
AUBURN	**MM 78.9** Androscoggin River	**MM 78.8** Riverside Drive	**0.1**	**0.01**			*None identified*	*None identified*	78.9	Androscoggin River
	MM 75.8 Danville Corner Road Underpass	**MM 75.0** Kitty Hawk Avenue Underpass	**0.8**	**0.05**	**25**	**0.04**	**Exit 75** Interchange (ramp) **Exit 75** Park and Ride (parking lot)			
	MM 74.5 Canadian National Railroad	**MM 73.5** New Gloucester / Auburn town line	**1.0**	**0.06**			*None identified*		74.4	Moose Brook
FALMOUTH	**MM 53.4** Mountain Road Underpass	**MM 51.8** Presumpscot River Portland/Falmouth Line	**1.6**	**0.09**	**25**	**0.04**	**Exit 53** Interchange (ramp) **Exit 53** Toll Plaza **Exit 53** West Falmouth Park and Ride	*None identified*	52.5	Unnamed tributary of Presumpscot River (crosses Turnpike near Exit 53 NB on-ramp)
	Falmouth Spur (F3.8) Rail Road Overpass (MaineDOT)	**Falmouth Spur (F3.5)** Just South of Falmouth Road/ Middle Road (Route 9) Overpass	**0.3**	**0.02**			*None identified*			*None identified*
	Falmouth Spur (F1.8) Just North of Falmouth Road Underpass	**Falmouth Spur (F0.2)** Presumpscot River Portland/Falmouth Line	**1.6**	**0.09**			*None identified*		F2.4 51.8 F1.2	Johnson Branch of Presumpscot River Presumpscot River (crosses Turnpike and Falmouth Spur)
PORTLAND	**Falmouth Spur (F0.0)** Exit 52 Interchange	**Falmouth Spur (F0.2)** Portland/Falmouth Town	**0.2**	**0.01**	**25**	**0.04**	**Exit 52** Interchange (ramps and spur)	*None identified*	51.8 F1.2	Presumpscot River (crosses interstate and spur)
	MM 51.8 Presumpscot River	**MM 46.5** Congress St. Overpass	**5.3**	**0.30**	**25** **25**	**0.04** **0.04**	**Exit 52** Interchange (ramps and spur) **Exit 48** Interchange (ramps) **Exit 48** Toll Plaza **Exit 47** Interchange (ramps) **Exit 47** Toll Plaza **Exit 47** Westbrook Park and Ride (parking lot)		50.8 49.8 48.7	Northerly unnamed tributary of Presumpscot River (crosses Turnpike south of Riverside Street overpass) Southerly unnamed tributary of Presumpscot River (crosses Turnpike south of Route 302 overpass) **Capisic Brook** [5] (within Turnpike ROW south of Warren Ave overpass)
	MM 46.5 Congress St. Overpass	**MM 46.4** Portland/South Portland Line					**Exit 46** Jetport Interchange **Exit 46** Jetport Park and Ride		47.8 46.8	**Nasons Brook** [5] (crosses Turnpike south of Brighton Ave and RR overpass) Stroudwater River
SOUTH PORTLAND	**MM 46.4** South Portland / Portland town line	**MM 44.8** Scarborough / South Portland town line					**Exit 45** South Portland/I-295 Interchange		45.9 45.0	**Long Creek**[6] Unnamed Tributary of Long Creek
SCARBOROUGH	**MM 44.6** Scarborough / South Portland town line	**MM 44.7** Approximately 200 ft North of Cummins Rd Overpass						*None identified*	44.4 43.5 41.6	**Red Brook** [5] Nonesuch River Unnamed tributary of Beaver Brook (crosses Turnpike south of Two Rod Road underpass)
	MM 44.7 Approximately 200 ft North of Cummins Rd Overpass	**MM 41.2** Just South of Beechridge Rd Underpass	**3.5**	**0.20**	**25** **25**	**0.04** **0.04**	**Exit 44** Interchange (ramps) **Exit 42** Interchange (ramps) **Exit 42** Scarborough Park and Ride (parking lot)		- 41.5 41.2	Unnamed tributary of Mill Brook (flows into) Beaver Brook Finnerd Brook
SACO	**MM 35.9** Goosefare Brook	**MM 33.0** Saco River	**2.9**	**0.16**	**25**	**0.04**	**Exit 36** Interchange (ramps) Former Exit 36 Interchange (ramps) Saco Hotel and Conference Center Exit	*None identified*	35.9 33.6 33.4 33.0	**Goosefare Brook** [5] Deep Brook Cole Brook Saco River
BIDDEFORD	**MM 33.0** Saco River	**MM 30.6** Arundel / Biddeford town line	**2.4**	**0.14**	**25**	**0.04**	**Exit 32** Interchange (ramps) **Exit 32** Biddeford Park and Ride (parking lot)	*None identified*	33.0 32.7 32.2 31.9	Saco River Thatcher Brook [5] (crosses MTA ROW 3 times) South of South Street and runs parallel MTA ROW North of Biddeford connector (Ex 32) South of Biddeford connector (Ex 32)
YORK	**MM 7.5** North of York Toll/ Little River	**MM 6.2** Cider Hill Road	**1.3**	**0.07**	**25**	**0.04**	**Exit 8** Interchange **Exit 8** York Barrier Toll Plaza **Exit 8** Park and Ride	*None identified*	7.5 6.8 5.2	Little River Unnamed tributary of Moulton Brook York River
	MM 5.3 York River	**MM 4.8** Beech Ridge Road	**0.5**	**0.03**					5.2	York River
KITTERY	**MM 4.2** Kittery / York town line	**MM 2.2** Spruce Creek *(southern boundary of MTA-operated UA as of July 1, 2013)*	**2.0**	**0.11**	**25**	**0.04**	**Rest Area** Welcome Center (operated by MaineDOT)	*None identified*	4.0 3.6 2.7 2.3	Libby Brook (crosses Turnpike in two places near Welcome Plaza) Unnamed tributary of Fuller Brook (Crosses Turnpike south of Cutts Road) Spruce Creek
MaineDOT Territory [8] (not included in summation of MTA's regulated UA)	**MM 2.2** Spruce Creek *(As of July 1, 2013 not operated by MTA)*	**MM 0.0** Maine/New Hampshire State Line	2.2	0.13	25 25 25	0.04 0.04 0.04	**Exit 1** Interchange **Exit 2** Interchange **Exit 3** Interchange		2.3 1.7 1.2 0.0	Spruce Creek Chickering Creek Unnamed tributary of Chickering Creek Piscataqua River
SUMMATION OF MTA PROPERTY WITHIN UA: (As of July 1, 2013)			28.9	**1.64**	300	**0.47**				
						2.12	**TOTAL SQUARE MILES OF MTA PROPERTY WITHIN UA (As of July 1, 2013)**			
SUMMATION WITHIN UA INCLUDING 2 MILES IN KITTERY:			31.1	1.77	375	0.59				

Maine Pollutant Discharge Elimination System (MEPDES) Permit coverage has already been obtained by MTA for this area under DEP's *General Permit - Post-Construction Discharge of Stormwater in the Long Creek Watershed*[7]

NOTES:

1.) UA for 2013 Permit is based on 2010 Census data downloaded from DEP's website. The 2013 UA maps that apply to MTA ROW have been attached as Figures 1 through 5. Corresponding MM designations were determined using features identified on MTA's *Mileage Chart with Stationing - 2012* (printed September 24, 2012).

2.) Mile Marker (MM) designations for UA delineations should be considered approximate and will be confirmed and updated, as necessary and as more detailed mapping information is made available.

3.) MTA facility features identified within each host MS4 communities include the roadway (i.e., paved roads, bridges, etc.) and ROW (i.e., approximate 300-foot wide corridor along MTA roadway), as well as interchanges, park-and-ride lots and toll plazas as indicated (i.e., each interchange is estimated to be 25 acres on average). "*None identified*" indicates that only MTA roadway and ROW are present within the UA delineation. **This table will be updated as more detailed mapping information is made available and/or in the event that MTA facility features are constructed within UA delineations.**

4.) In 2013, streams were identified by using the National Hydrography Dataset (NHD), available from USGS. The NHD is a digital vector dataset used by geographic information systems (GIS). It contains features such as lakes, ponds, streams, rivers, canals, dams and streamgages. These data are designed to be used in general mapping and in the analysis of surface-water systems."*None identified*" indicates that no waterbodies are present within the UA delineation.

5.) Maine DEP classifies several specific waterways within the state designated as Urban Impaired Streams (UIS) in Code of Maine Rules Chapter 502. These streams crossing MTA's ROW in UA have been identified in **emboldened text**, including Hart Brook (aka Dill Brook, Lewiston), Capisic Brook (Portland), Nasons Brook (Portland), Red Brook (Scarborough), and Goosefare Brook (Saco). Although Thatcher Brook is not included in Chapter 502, the current CMR Chapter 500 proactively identified Thatcher Brook; therefore, this waterbody is not emboldened. Streams included in the statewide Impervious Cover Total Maximum Daily Load (IC TMDL) Assessment for Impaired Streams are presented in **red text**.

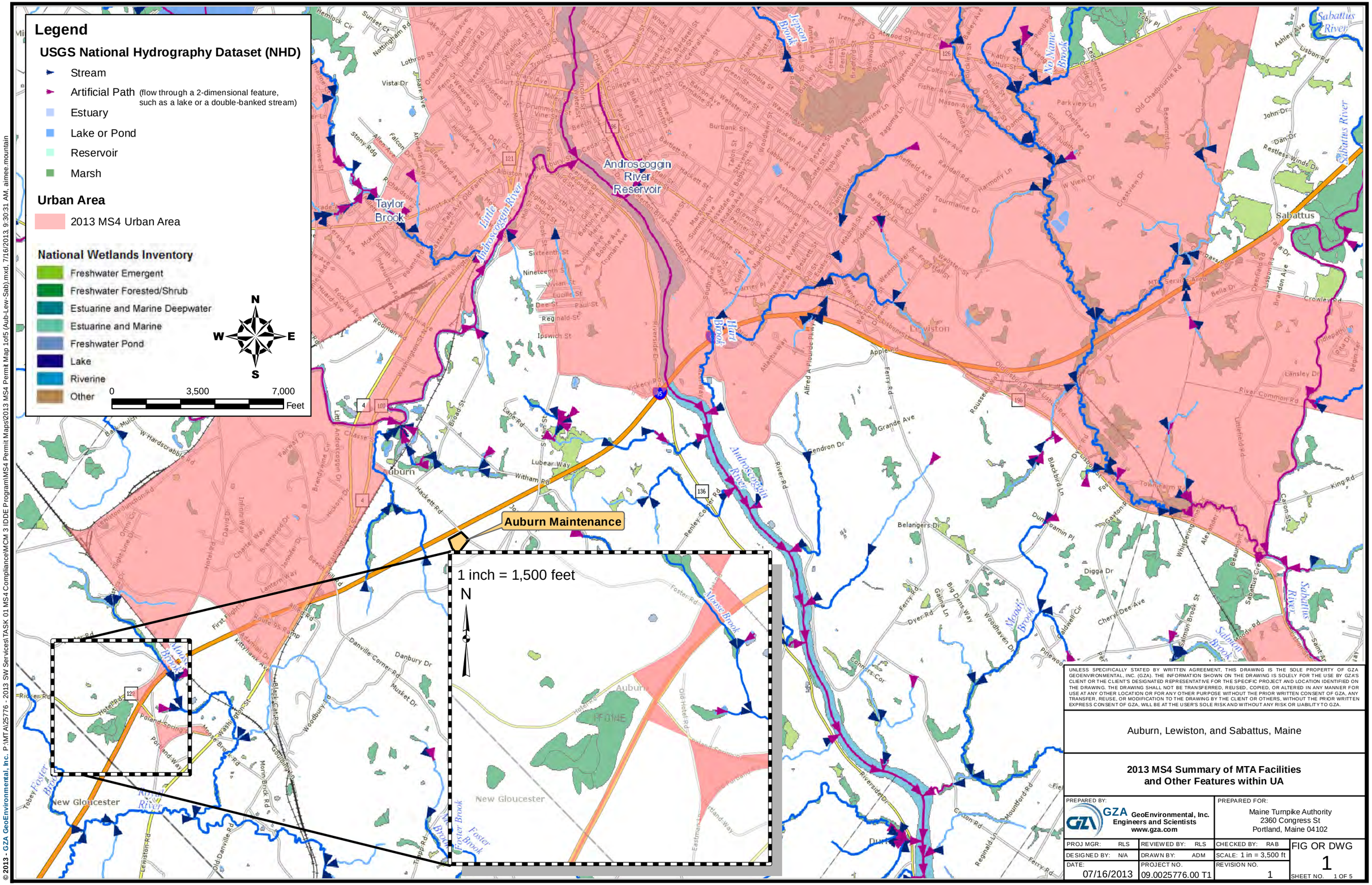
6.) Areas to be mapped under 2013 MS4 permit include:

- Auburn
  - MM 73.5 to MM 74.5 (1.0 miles)
- Scarborough
  - MM 42.3 to MM 44.2 (1.9 miles)
  - F MM 1.5 to F MM 1.8 (0.3 miles)
- Biddeford
  - MM 30.6 to MM 31.6 (1.0 miles)
- York
  - MM 5.2 to MM 5.3 (0.1 miles)
  - MM 6.2 to MM 7.5 (1.3 miles)
- Kittery
  - MM 2.2 to MM 2.85 (0.6 miles)
- Total area to be mapped: 6.3 miles

Yellow highlighted areas indicate newly regulated areas to be mapped/incorporated into IDDE Program

7.) Orange highlighted areas indicate coverage under MEPDES Long Creek General Permit

8.) Blue highlighted areas indicate that MTA does not currently own/operate this portion of I-95. A property transfer of this area is anticipated; the change in UA owned/operated by MTA will be reflected in the following Annual Report.



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Auburn, Lewiston, and Sabattus, Maine

2013 MS4 Summary of MTA Facilities and Other Features within UA

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
Maine Turnpike Authority
2360 Congress St
Portland, Maine 04102

PROJ MGR: RLS	REVIEWED BY: RLS	CHECKED BY: RAB	FIG OR DWG 1
DESIGNED BY: N/A	DRAWN BY: ADM	SCALE: 1 in = 3,500 ft	
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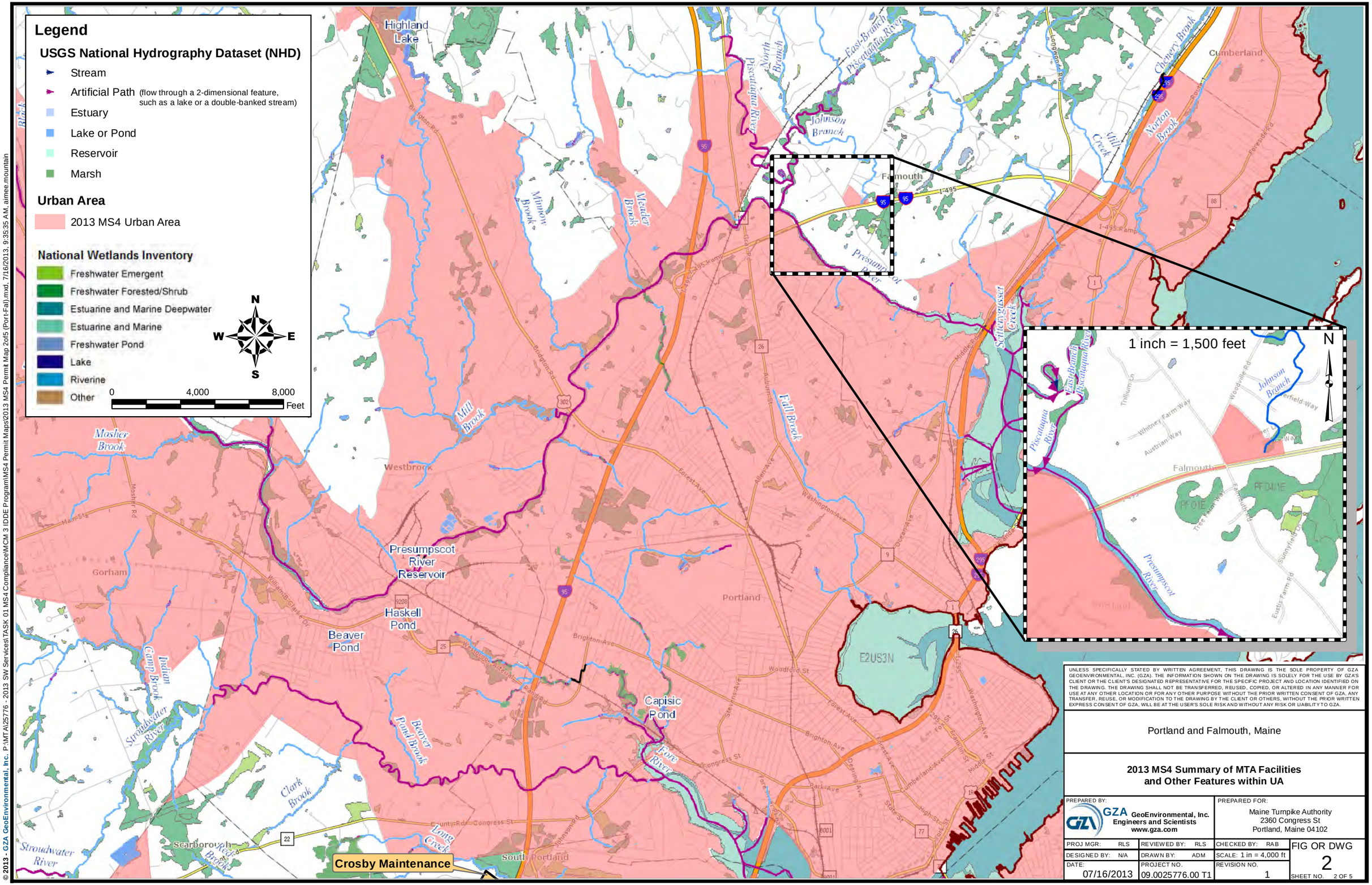

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Portland and Falmouth, Maine

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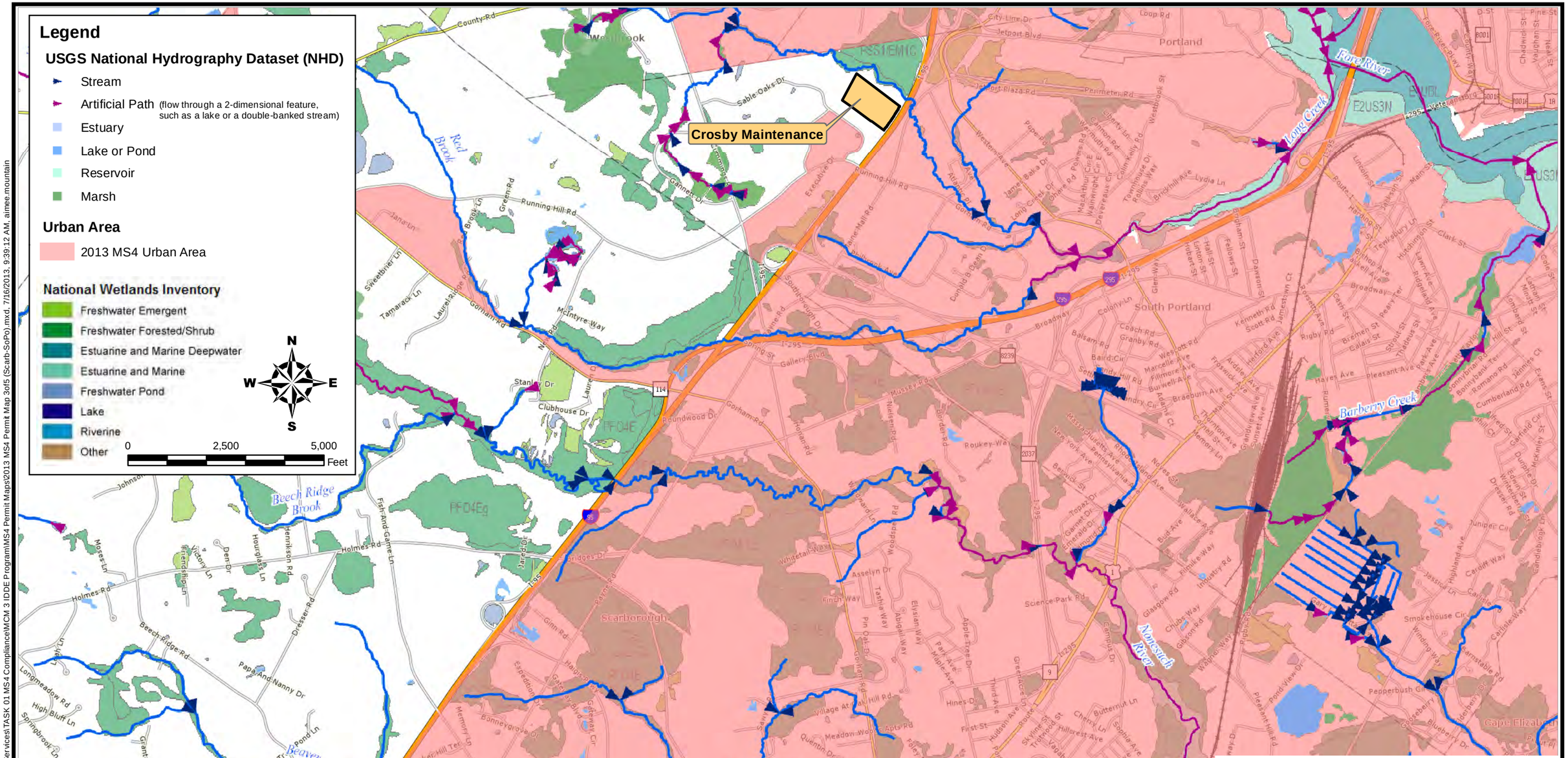

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Scarborough and South Portland, Maine

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Engineers and Scientists
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Portland, Maine 04102

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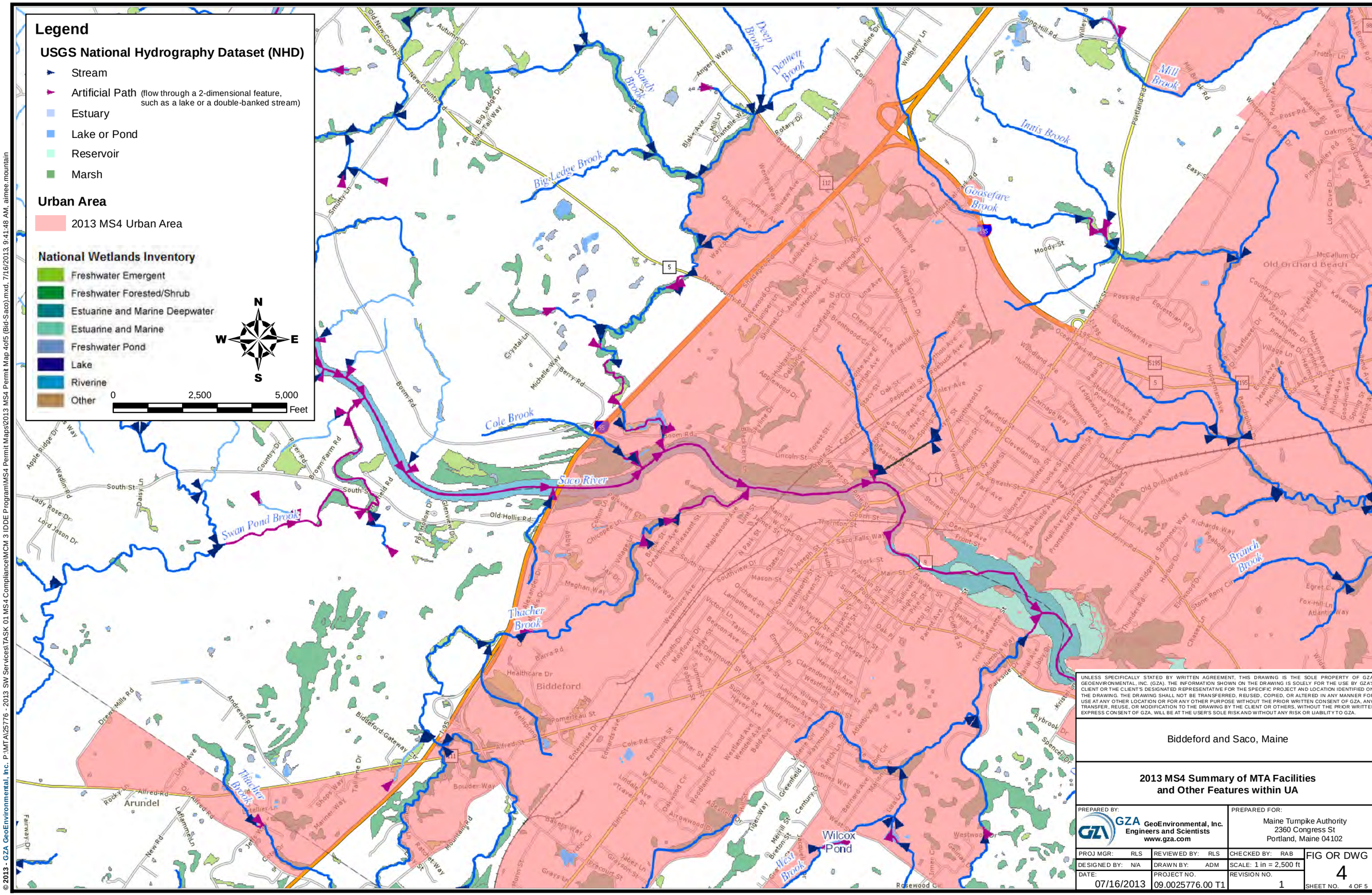

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Biddeford and Saco, Maine

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2360 Congress St
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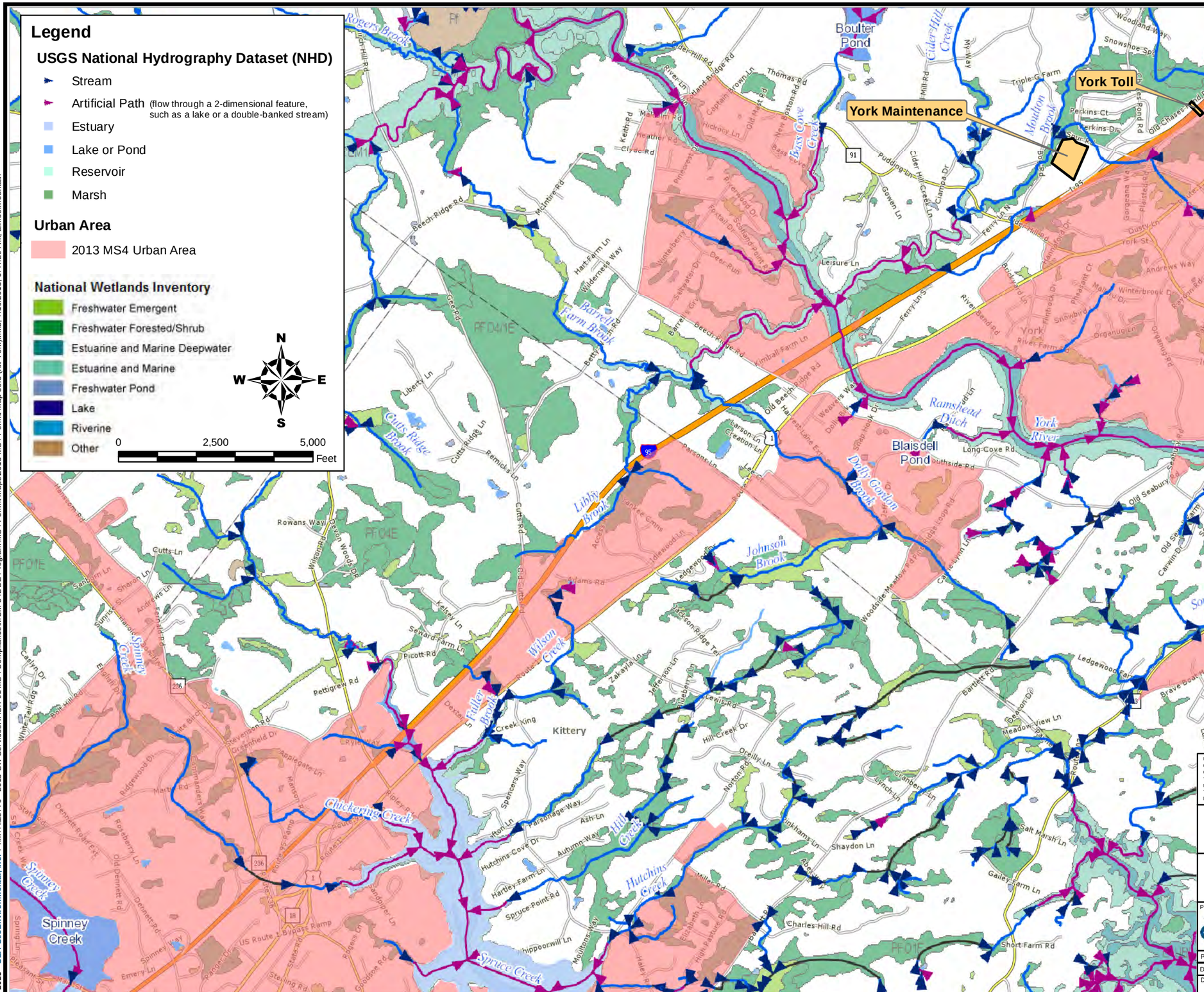

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Kittery and York, Maine

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MTA MS4 NOI Public Notice Tracking

	SW Coordinator	NOI Notice	
MS4 Community	**Contact**	**Date Sent**	**Date of Acknowledgement**
Auburn area	Zach Henderson (Woodard & Curran)	7/29/2013	8/14/2013
Auburn	Dan Goyette, City Engineer	7/29/2013	8/14/2013
Biddeford	Tom Milligan	7/29/2013	8/19/2013
Falmouth	Jay Reynolds	7/29/2013	8/15/2013
Kittery	Mary-Anne Conroy	7/29/2013	
	Jessa Kellog	8/19/2013	8/19/2013
Lewiston	Justin Early	7/29/2013	7/30/2013
Portland	Kathi Earley	7/29/2013	*
	Doug Roncarati	7/29/2013	7/29/2013
Sabattus	Andrew Gilmore, Town Mgr. (PWD, pro tem)	7/29/2013	*
Saco	Angela Blanchette	7/29/2013	7/31/2013
Scarborough	Mike Shaw	7/29/2013	7/29/2013
	Steve Buckley	7/29/2013	*
	Jim Wendell	7/29/2013	*
South Portland	Fred Dillon	7/29/2013	7/29/2013
	Dave Thomes	7/29/2013	7/30/2013
York	Dean Lessard, PW Director AND Leslie Hinz, Stormwater Manager	7/29/2013	7/30/2013
York County MS4s	Kristie Rabasca (Integrated Environmental Engineering)	7/29/2013	7/29/2013
MaineDOT	Rhonda Poirier	7/29/2013	7/30/2013
	Steve Tibbetts	7/29/2013	*

* Indicates that a read receipt or verbal acknowledgement had not been received by the time the NOI package was finalized.

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